



E.G.S. PILLAY ENGINEERING COLLEGE, NAGAPATTINAM

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25
YEARS OF
EXCELLENCE

Report of Webinar on "Getting started with Data Science"

by

Ms. Suganiya Selva Jawahar

Item, Data Science

Innomatics Research Labs

Organized by Department of Computer Science and Business Systems

Date: 14/12/2021

Time: 6:30 PM

ATTESTED


**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL**

**E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.**

S. No	Contents
1	Approval Letter
2	Requisition letter to Resource Person from HOD
3	Event Circular
4	Profile of Resource Person
5	Event Invitation
6	Participants Name List
7	Synopsis of the Event
8	Sample feedback(online)
9	Feedback Analysis

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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

From

Mr. R.SenthilKumar
Head/CSBS
E.G.S. Pillay Engineering College [Autonomous]
Nagapattinam

To

The Secretary
E.G.S. Pillay Group of Institutions
Nagapattinam

Through

The Principal
E.G.S. Pillay Engineering College [Autonomous]
Nagapattinam

13/12/21

Respected Sir,

Sub: Seeking permission for conducting a Online Webinar for faculties – reg

The Department of Computer Science and Business Systems association Tech-Knightz is interested to hosting the online webinar on "Getting Started with Data Science "on Tuesday, December 14th in 2021 from 6.30 pm onwards. Kindly find the brochures for more details. So, I request to give the permission to conduct that event to faculties and help us to make it for grand successful.

Session Talks: Talks to occur within a series of presentations that share a commonality such as AI, Cloud, Robotics, Design Thinking, Financial Management and not limited too. The sessions are open to showcase research at all stages. Examples include: research ideas, review of a topic, proposals, and research results. Participants will have to send an article that will be validated against plagiarism and grammar. The chosen articles will be invited for presentation.

We request you to grant us permission to host the same.

Thanking You

Sincerely Yours,

R. Senthil Kumar
[Mr.R.SenthilKumar]



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[Signature]
Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
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hodcsbs@egspec.org, website: www.egspec.org Ph: 04365-251112

To

Ms. Suganiya Selva Jawahar

Intern, Data Science

Innomatics Research Labs

Sub: Invitation for webinar on topic "Getting started with Data Science"

Respected Madam,

The Department of B.Tech Computer Science and Business Systems invites you as a resource person for the industry lecture on the topic "Getting started with Data Science" to our faculties. We will be privileged to have your session for our faculties on 14/12/2021 at 6:30 PM. The Program will be hosted by the TECH KNIGHTZ association members through Google Meet and nearly more faculties will participate in the programme.

We look forward to your favourable reply.

Thanking You



R. Sankar
HOD/CSBS

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[Signature]
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Old Nagore Road, Thethi Village, Nagapattinam – 611002, Tamil Nadu, India

Department of Computer Science & Business Systems [CSBS]

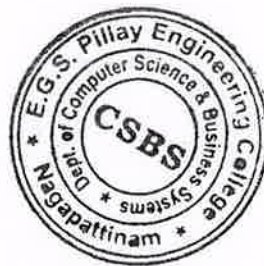
Circular

Date: 01.12.2021

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CC to: The Principal Office, All Department, Notice Boards & File



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Suganiya Selva Jawahar

+91 8838109446 | GitHub: <https://github.com/sugu-code> | LinkedIn: <https://www.linkedin.com/in/suganiya/> | suganiyaselvajawahar@gmail.com

EDUCATION

- EGS Pillay Engineering College: M.E., Communication Systems (CGPA: 9.58/10.0)** Tamil Nadu, India
Oct 2020 - July 2022
- Technical volunteer at Research and Development Team
 - *Coursework:* Participated in international conferences and a few coding competitions
- Bharathiyar College of Engineering and Technology: B.Tech, ECE (GPA: 8.02/10)** Pondicherry, India
Aug 2015 - May 2019
- Member co-ordinator in an International Conference (ICACCES'19), Enacted as class representative for 3 years
 - *Coursework:* Attended Inplant Training at ONGC (Karaikal, 2018) and All India Radio (Karaikal, 2018)

PROFESSIONAL EXPERIENCE

- Innomatics Research Labs: Data Science Intern** Hyderabad, Telangana
July 2022 - Oct 2022
- Performed tasks on python application development (Flask, Streamlit), Data Analytics
 - Evaluation and optimization of basic ML/DL models for different problems, Deployment on the cloud (Heroku)
 - Pioneered Experiment tracking and model management (MLflow), Workflow Orchestration (Prefect Orion)

RELEVANT PROJECTS

- Quora Questions Pair Similarity using MLOPs** Hyderabad, Telangana
Oct 2022
- Experimented vectorization techniques (BOW, TFIDF, W2V, Glove, BERT) and designed workflow orchestration
 - Improved model accuracy by rectifying class imbalance using downsampling the dataset (84%) and SMOTE analysis (88%)
- Virtual Try-on of Garment Over 3D Model of Human** Nagapattinam, Tamil Nadu
Oct 2021 - July 2022
- Built using TensorFlow and Pytorch (python), Blender for 3D model rendering
 - Innovated existing online shopping methodology to minimize sales return by 70%
- Real-Time Video Defogging-Based Roadways Management** Karaikal, Pondicherry
Aug 2018 - March 2019
- Architected with Dark Channel Prior and ST-MRF algorithms
 - Enhanced video defogging on roadway scenarios and detection of number plates

SKILLS

Programming Language	C, C++, Python (5 Star HackerRank), HTML
Data Analysis	Exploratory Data Analysis and Data Visualization(Matplotlib, Seaborn, Tableau, Power BI), Storytelling, Statistical testing (Hypothesis, Chi-Square, A/B, ANOVA)
Data Modeling	sklearn, keras, TensorFlow, PyTorch, nltk, OpenCV
Machine Learning	Classification (Logistic Regression, SVM, Decision Tree, Random Forest, XGBoost, ANN, etc), Regression (Linear and Polynomial Regression), Optimization
Deep Learning	Clustering (KMeans, DBScan, Gaussian Mixture Models), Association Rule Mining Computer Vision (Image Preprocessing, Object Detection, Image Segmentation, CNN, YOLO, etc), Natural Language Processing (Text Preprocessing, BOW, TFIDF, W2V, Glove, BERT)
Tools/Software	Backend (Git, Flask, ORM, Streamlit), Database (MySQL, Oracle), Cloud (Heroku), 3D Modelling (Blender)

PUBLICATION

Suganiya.S, Shantha Preetha.S and Swathika.M, "A Comparative Analysis of Various Visibility Enhancement Techniques through Single Image Defogging", International Research Journal of Engineering and Technology (IRJET), 2018, pp. 784 - 790, e-ISSN: 2395-0056 p-ISSN: 2395-0072

AWARDS

- UNISYS Student Innovation Contest:** Project demonstrated on Virtual Try-on of Garment Over 3D Model of Human 2022
Ranked 10th out of more than 150 teams
- Paper Presentation Competition:** Organized by SNS College of Technology (Coimbatore), Presented on Solar Roadways 2017
Secured 1st position out of 30 teams
- Zonal winner in IoT Workshop:** Organized by SPRING IIT (Kharagpur) and TECHNOTHON, Training on Internet of Things (IoT) 2017
Secured 1st position out of 20 teams

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Industry Lecture Series

Online Webinar on

Getting Started with Data Science

14.12.2021 - Tuesday | 06.30pm onwards

★
SESSION BY
★

Ms. SUGANIYA SELVA JAWAHAR
Intern, Data Science
Innomatics Research Labs

★
HOSTED BY
★

**TECHKNIGHTZ, STUDENT ASSOCIATION &
MEMBERS OF IEEE BIG DATA SOCIETY
DEPARTMENT OF CSBS**

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hodcsbs@egspec.org, website: www.egspec.org Ph: 04365-251112

Online Webinar on Getting started with Data Science -14/12/2021

Participants Lists:

- 1.Dr.A.S.Anakath,Dept of IT
- 2.Dr.S.Palanimurugan,Dept of CSE
- 3.Mr.A.Rajesh,Dept of CSE
- 4.Mr.G.Murugan,Dept of CSE
- 5.Mrs.B.Ranjani,Dept of CSE
- 6.Mrs.K.Rajammal,Dept of CSE
- 7.Mrs.P.Vennila,Dept of CSE
- 8.Mr.S.Praveen Kumar,Dept of CSE
- 9.Mr.M.Rajakumaran,Dept of CSE
- 10.Mr,P.Anandraj,Dept of CSE
- 11.Mr.S.Raju,Dept of IT
- 12.Dr.S.Ambika,Dept of CSE
- 13.Dr.R.Lavanya,Dept of IT
- 14.Dr.S.Kannan,Dept of CSE
- 15.Dr.M.Priya,Dept of CSE
- 16.Mr.R.Anandbabu,Dept of IT
- 17.Dr.N. Murali,Dept of CSE
- 18.Mr.K.Balasubramaniyan,Dept of CSE
- 19.Mrs.A.Hema,Dept of MCA
- 20.Mrs.C.Malliga,Dept of MCA

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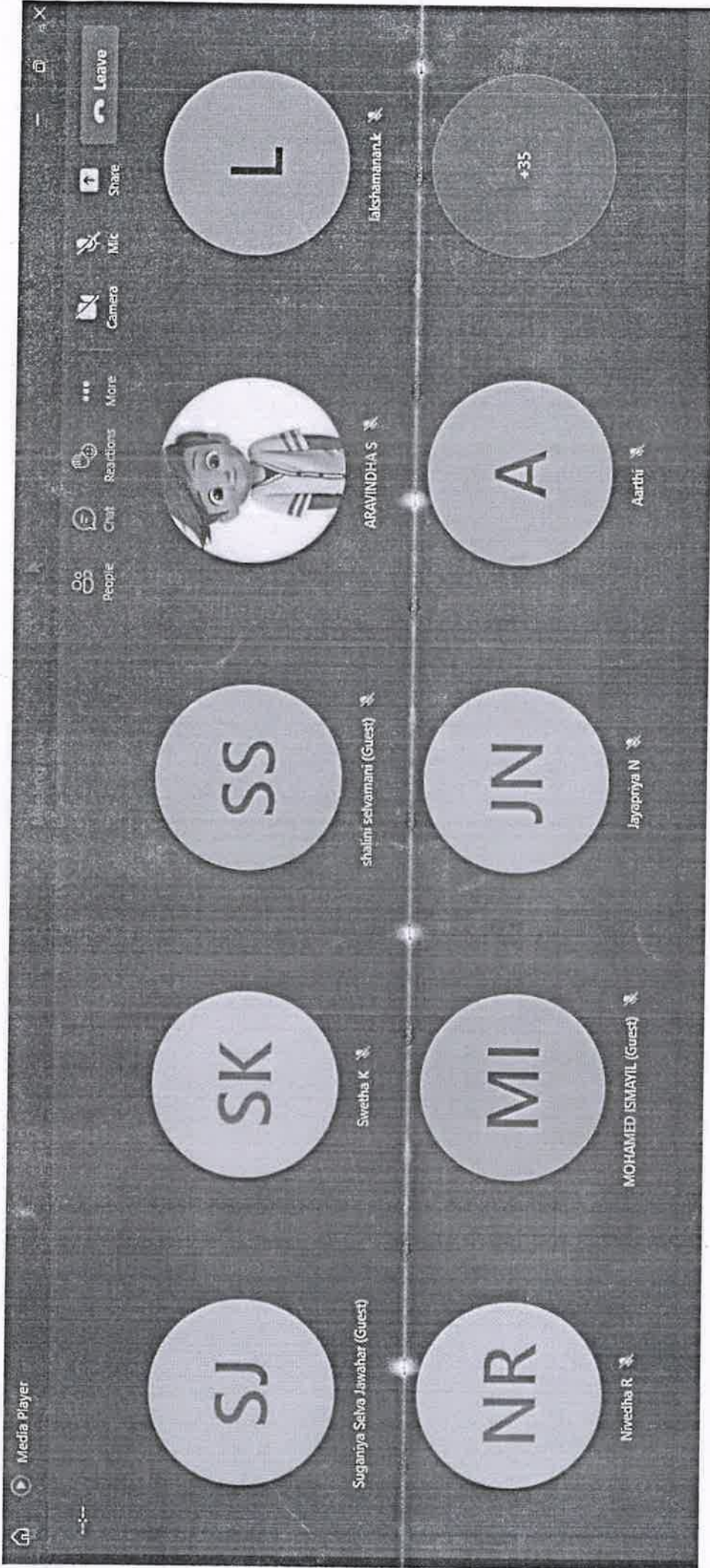
21. Mr. S. Selvakanapathy, Dept of MCA
22. Mrs. K. Pradeepa, Dept of CSE
23. Mr. J. Noorul Ameen, Dept of CSE
24. Mrs. S. Imavathy, Dept of CSBS
25. Mr. S. Senthil Kumar, Dept of CSBS
26. Mr. R. Gopinath, Dept of CSBS
27. Ms. R. Sairam Shalini, Dept of CSBS
28. Mrs. G. Rama, Dept of CSBS
29. Ms. V. Surya, Dept of CSBS
30. Ms. R. Priya, Dept of CSBS

EVENT CO-ORDINATOR

HOD/CSBS

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DATA SCIENCE ROADMAP

- Basic Python
- Machine Learning
- Data Manipulation
- Stats & Probability
- Data Visualization
- Deployment
- Deep learning
- Advanced Python

00:29:13

1444 13-01-2023

Microsoft Teams

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GETTING STARTED WITH DATA SCIENCE

EMAIL *

Your answer

NAME *

Your answer

DEPARTMENT ^

Your answer

FEEDBACK *

Your answer

Submit

Clear form

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Timestamp	NAME	DEPT	FEEDBACK
14/12/2021 20:55:09	Mr.A.Rajesh	CSE	GOOD
14/12/2021 20:57:14	Mr.G.Murugan	CSE	EXCELLENT
14/12/2021 20:59:24	Mr.J.Noorul Ameen	CSE	GOOD
14/12/2021 21:05:04	Dr.A.S.Anakath	IT	GOOD
14/12/2021 21:06:06	Mrs.C.Malliga	MCA	EXCELLENT
14/12/2021 21:07:19	Mrs.R.priya	CSBS	EXCELLENT
14/12/2021 21:10:20	Mrs.K.Rajammal	CSE	GOOD
14/12/2021 21:15:21	Mrs.P.Vennila	CSE	EXCELLENT
14/12/2021 21:20:22	Mr.S.Praveen Kumar	CSE	GOOD
14/12/2021 21:26:23	Mr.M.Rajakumaran	CSE	GOOD
14/12/2021 21:36:24	Mr,P.Anandraj	CSE	EXCELLENT
14/12/2021 21:36:25	Mr.K.Raju	IT	EXCELLENT
14/12/2021 21:37:26	Dr.S.Ambika	CSE	GOOD
14/12/2021 21:46:27	Dr.R.Lavanya	IT	GOOD
14/12/2021 21:46:28	Dr.S.Kannan	CSE	GOOD
14/12/2021 21:48:29	Dr.M.Priya	cse	EXCELLENT
14/12/2021 21:50:30	Mr.R.Anand Babu	CSE	GOOD
14/12/2021 21:52:31	Dr.N. Murali	CSE	EXCELLENT
14/12/2021 21:53:32	Mr.K.Balasubramaniyan	CSE	GOOD
14/12/2021 21:53:33	Mrs.A.Hema	MCA	EXCELLENT
14/12/2021 21:57:34	Mrs.C.Malliga	MCA	GOOD
14/12/2021 21:58:35	Mr.S.Selvakanapathy	MCA	GOOD
14/12/2021 21:59:36	Mrs.K.Pradeepa	CSE	EXCELLENT
14/12/2021 22:06:37	Mrs.S.Imavathy	CSBS	EXCELLENT
14/12/2021 22:06:38	Mr.S.Senthil Kumar	CSBS	GOOD
14/12/2021 22:06:39	Mr.R.Gopinath	CSBS	GOOD
14/12/2021 22:06:40	Ms.R.Sairam Shalini	CSBS	EXCELLENT
14/12/2021 22:06:41	Mrs.G.Rama	CSBS	EXCELLENT
14/12/2021 22:06:42	Ms.V.Surya	CSBS	GOOD

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for having participated in Online Webinar on Getting Started with

Data Science on 14.12.2021 .

R. Subramanian

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Dr. S. Ramabalan

**Dr. S. RAMABALAN, M.E., Ph.D.,
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Ramabalan

Principal

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R. S. Ramabalan

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[Signature]

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E.G.S. Pillay Engineering College,
Nagapattinam - 614 002

[Signature]

Principal

Nagapattinam (Dt) Tamil Nadu,

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Report of Webinar on "Business Models Prototyping"

by

Ms. Anbarasi SelvaKumar

Design Thinker,

Inern, Maveric Systems, FinTech Corp.

Organized by Department of Computer Science and Business Systems

Date: 22/09/2021

Time: 2.00 PM

ATTESTED

**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL**

**E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.**

S. No	Contents
1	Approval Letter
2	Requisition letter to Resource Person from HOD
3	Event Circular
4	Profile of Resource Person
5	Event Invitation
6	Participants Name List
7	Synopsis of the Event
8	Sample feedback(online)
9	Feedback Analysis

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Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

From

Mr. R.SenthilKumar
Head/CSBS
E.G.S. Pillay Engineering College [Autonomous]
Nagapattinam

To

The Secretary
E.G.S. Pillay Group of Institutions
Nagapattinam

Through

The Principal
E.G.S. Pillay Engineering College [Autonomous]
Nagapattinam

[Handwritten signature]
20/9/21

Respected Sir,

Sub: Seeking permission for conducting a Online Webinar for faculties – reg

The Department of Computer Science and Business Systems association Tech-Knightz is interested to hosting the online webinar on "Business Models Prototyping "on Wednesday, September 22nd in 2021 from 2.00 pm onwards. Kindly find the brochures for more details. So, I request to give the permission to conduct that event to faculties and help us to make it for grand successful.

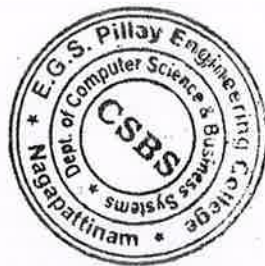
Session Talks: Talks to occur within a series of presentations that share a commonality such as a task of designing a webpage that will require the basic skillset in HTML5 and CSS3. Participants will be given a task of designing an User Interface that will require the basic skillset of conceptual design and experience of designing using tools such as Adobe XD.

We request you to grant us permission to host the same.

Thanking You
Sincerely Yours,

[Handwritten signature]

[Mr.R.SenthilKumar]



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[Handwritten signature]
Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
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hodcsbs@egspec.org, website: www.egspec.org Ph: 04365-251112

To

Ms. Anbarasi Selvakumar,

Design Thinker,

Inern, Maveric Systems, FinTech Corp.

Sub : Invitation for webinar on topic "Business Models Prototyping"

Respected Madam,

The department of B.Tech Computer Science and Business System invites you as a resource person for lecture on the topic "Business Models Prototyping" to our faculties. We will be privileged to have your session for our faculties on 22/09/2021 at 2.00 PM. The Program will be hosted to members through Zoom Meet and nearly more faculties will participate in the programme.

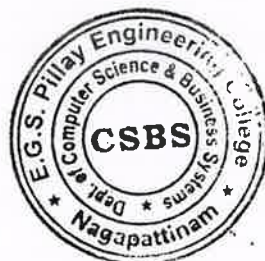
We look forward to your favourable reply.

Thanking You

HOD/CSBS

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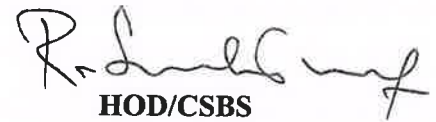
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Department of Computer Science & Business Systems [CSBS]

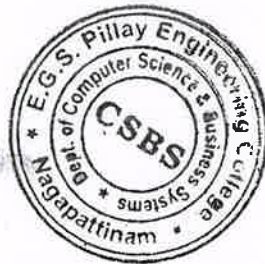
Circular

Date: 01.09.2021

The Department of Computer Science and Business Systems association Tech-Knightz is interested to hosting the online webinar on "Business Models Prototyping "on Wednesday, September 22nd in 2021 from 2.00 pm onwards. Kindly find the brochures for more details. We seek participations from your department faculties and help us to make it for grand successful.


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CC to: The Principal Office, All Department, Notice Boards & File



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Dr. S. RAMABALAN, M.E., Ph.D.,
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Nagapattinam (Dt) Tamil Nadu.

Contact

7904435453 (Home)
anbarasiselvakumar.ss@gmail.com

www.linkedin.com/in/
saha705527148 (LinkedIn)

Top Skills

Microsoft PowerPoint
Social Media Marketing
Digital Marketing

Certifications

Creating Great First Impressions
Beginners Trading Certification
Content Marketing for Social Media
Communicating with Confidence
Interpersonal Communication

Anbarasi Selvakumar

Aspiring Success
Chennai, Tamil Nadu, India

Summary

Aspiring success... Have a Dream, desire for it like passion and hold on it like determination... Plan the success and Achieve it...

Experience

Maveric Systems Limited
FinTech Intern
August 2022 - October 2022 (3 months)
DLF Cybercity

Dare2Compete
D2C Chief Igniter
February 2022 - April 2022 (3 months)
Remote

IdeateNstart
Digital and Content Marketing Intern
January 2021 - February 2022 (1 year 2 months)

I am one of the admins of the official LinkedIn page.

- Have created content posts, polls and motivational videos for various social media handles.

- Have also taken initiative for creating awareness on Entrepreneurship amongst College students.

EGS Pillay Engineering College
RJ @ EGS FM
June 2020 - June 2021 (1 year 1 month)

DTOWN ROBOTICS PRIVATE LIMITED
Sales And Marketing Intern
June 2020 - July 2020 (2 months)

Oil & Natural Gas Corporation Limited (Ongc)
Communication and Oil Field Rigging Intern

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PRINCIPAL**

**EGS Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.**

June 2018 - June 2018 (1 month)

GAIL (India) Limited
Networks and Communication Intern
November 2017 - December 2017 (2 months)

Education

SSN School of Management
Master of Business Administration - MBA

Edayathangudy G.S.Pillay Engineering College
Bachelor of Engineering - BE, Electrical, Electronics and Communications
Engineering · (2015 - 2019)

Kendriya Vidyalaya
· (2009 - 2012)

Navrachana University
· (2003 - 2009)

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Nagapattinam, Tamil Nadu, India

Industry CoTeach Session

Partial Delivery of Courses by Industry Experts

Topics

**Business Models
Prototyping**

22.09.2021 | Wednesday | 02.00pm onwards | Zoom meeting

SESSION BY

Ms. ANBARASI SELVAKUMAR

(Alumna, EGSPEC, BE-ECE, 2015-2019)

Intern, Maveric Systems, FinTech Corp
Design Thinker | Certified Design Thinking Practitioner

Design Thinking

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E.G.S. Pillay Engineering College,
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hodcsbs@egspec.org, website: www.egspec.org Ph: 04365-251112

Online Webinar on Business Models Prototyping -22/9/2021

Participants Lists:

- 1.Dr.A.S.Anakath,Dept of IT
- 2.Dr.S.Palanimurugan, Dept of CSE
- 3.Mr.A.Rajesh, Dept of CSE
- 4.Mr.G.Murugan, Dept of CSE
- 5.Mrs.B.Ranjani, Dept of CSE
- 6.Mrs.K.Rajammal, Dept of CSE
- 7.Mrs.P.Vennila, Dept of CSE
- 8.Mr.S.Praveen Kumar, Dept of CSE
- 9.Mr.M.Rajakumaran, Dept of CSE
- 10.Mr,P.Anandraj, Dept of CSE
- 11.Mr.S.Raju, Dept of IT
- 12.Dr.S.Ambika, Dept of CSE
- 13.Dr.R.Lavanya, Dept of IT
- 14.Dr.S.Kannan, Dept of CSE
- 15.Dr.M.Priya, Dept of CSE
- 16.Mr.R.Anandbabu, Dept of IT
- 17.Dr.N. Murali, Dept of CSE
- 18.Mr.K.Balasubramaniyan, Dept of CSE
- 19.Mrs.A.Hema, Dept of MCA
- 20.Mrs.C.Malliga, Dept of MCA

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21. Mr.S.Selvakanapathy, Dept of MCA
22. Mrs.K.Pradeepa, Dept of CSE
23. Mr.J.Noorul Ameen, Dept of CSE
24. Mrs.S.Imavathy , Dept of CSBS
25. Mr.S.Senthil Kumar, Dept of CSBS
26. Mr.R.Gopinath, Dept of CSBS
27. Ms.R.Sairam Shalini, Dept of CSBS
28. Mrs.G.Rama, Dept of CSBS
29. Ms.V.Surya, Dept of CSBS
30. Ms.R.Priya, Dept of CSBS


EVENT CO-ORDINATOR


HOD/CSBS

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Anbarasi selvakumar is presenting

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Timestamp	NAME	DEPT	FEEDBACK
22/09/2021 18:03:28	Mr.A.Rajesh	CSE	EXCELLENT
22/09/2021 18:05:43	Mr.G.Murugan	MCA	GOOD
22/09/2021 18:06:31	Mr.J.Noorul Ameen	IT	GOOD
22/09/2021 18:06:52	Dr.A.S.Anakath	IT	EXCELLENT
22/09/2021 18:07:03	Mrs.C.Malliga	MCA	EXCELLENT
22/09/2021 18:07:24	Mrs.R.priya	CSBS	GOOD
22/09/2021 18:07:25	Mrs.K.Rajammal	CSE	GOOD
22/09/2021 18:07:26	Mrs.P.Vennila	CSE	EXCELLENT
22/09/2021 18:08:27	Mr.S.Praveen Kumar	CSE	GOOD
22/09/2021 18:11:28	Mr.M.Rajakumaran	CSE	GOOD
22/09/2021 18:17:29	Mr,P.Anandraj	CSE	EXCELLENT
22/09/2021 18:20:30	Mr.K.Raju	IT	EXCELLENT
22/09/2021 18:37:31	Dr.S.Ambika	CSE	GOOD
22/09/2021 18:40:32	Dr.R.Lavanya	IT	EXCELLENT
22/09/2021 18:42:33	Dr.S.Kannan	CSE	GOOD
22/09/2021 18:48:34	Dr.M.Priya	CSE	GOOD
22/09/2021 18:50:35	Mr.R.Anand Babu	IT	EXCELLENT
22/09/2021 18:51:36	Dr.N. Murali	CSE	EXCELLENT
22/09/2021 18:52:37	Mr.K.Balasubramaniyan	CSE	GOOD
22/09/2021 18:53:38	Mrs.A.Hema	MCA	GOOD
22/09/2021 18:54:39	Mrs.C.Malliga	MCA	GOOD
22/09/2021 18:55:40	Mr.S.Selvakanapathy	MCA	EXCELLENT
22/09/2021 18:59:41	Mrs.K.Pradeepa	CSE	GOOD
22/09/2021 19:07:42	Mrs.S.Imavathy	CSBS	EXCELLENT
22/09/2021 19:11:43	Mr.S.Senthil Kumar	CSBS	GOOD
22/09/2021 19:15:44	Mr.R.Gopinath	CSBS	EXCELLENT
22/09/2021 19:20:45	Ms.R.Sairam Shalini	CSBS	GOOD
22/09/2021 19:24:46	Mrs.G.Rama	CSBS	GOOD
22/09/2021 19:28:47	Ms.V.Surya	CSBS	EXCELLENT

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for having participated in Online Webinar on Business Models

Prototyping on 22.09.2021 .

R. Subramanian

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Dr. S. Ramabalan

Dr. S. RAMABALAN, M.E., Ph.D.,

Principal

Dr. S. Ramabalan

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R. Senthil Kumar

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R. S. Ramabalan

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Dr. S. Ramabalan

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PRINCIPAL**

R. S. Ramabalan

Principal

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R. S. Srinivasan

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[Signature]

**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL**

[Signature]

Principal

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Thethi, Nagore - 611 002.

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R. Subramanian

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Dr. S. Ramabalan

**Dr. S. RAMABALAN, M.E., Ph.D.,
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Dr. S. Ramabalan

Principal

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MS OFFICE ABILITIES**

DATE: 01-07-2021 to 02-07-2021

COMPUTER CENTRE III

S.NO	CONTENT
1.	Poster
2.	Permission Letter
3.	Circular
4.	Participant list
5.	Attendance
6.	Certificate
7.	Feedback
8.	Report

F. d. d. d. d.
Almm

Coordinator

[Signature]

Head of the Department
Department of Information Technology
E.G.S. Pillay Engineering College
Nagapattinam - 611 002.

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[Signature]

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

**COURSE
COORDINATORS**

Mrs. K.Nagalakshmi
R.Lavanya
EGSPEC

01/07/2021
To
02/07/2021



**MEETING WORKPLACE SKILL
REQUIREMENT BY IMPROVING MS-OFFICE
ABILITIES**



Contact

Old Nagore Road, T. B. S. RAMABALAN, M.E., Ph.D.,
Municipal
Engineering College,
Nagapattinam - 611002 S. Rajahmundry - 611 002.
Tamil Nadu

INDIA
+91-4365 251112/251114
enquires@egspec.org

www.egspec.org

**E.G.S PILLAY
ENGINEERING
COLLEGE**

An Autonomous Institution
Department of Information
Technology
Nagapattinam

About Institution

One of the state's first grant-free engineering colleges is the autonomous E.G.S. Pillay Engineering College. All of the college's UC programs are NBA accredited and the college has an "A" grade from NAAC. Over the years, parents and students have consistently rated colleges as one of the best options for higher education. A preeminent non-subsidized engineering university known for its world-class facilities and learning infrastructure, it consistently records impressive results.



Vision

Envisioned to transform out institution into a "Global Centre of Academic Excellence"

Mission

- ✓ To provide world class education to the students and to bring out their inherent talents
- ✓ To establish state-of-the-art facilities and resource required to achieve excellence in teaching-learning and supplementary processes
- ✓ To recruit competent faculty and staff and to provide opportunity to upgrade their knowledge and skills
- ✓ To have regular interaction with the industries in the area of R&D and offer consultancy, training and testing services.
- ✓ To establish centers of excellence in emerging areas of research
- ✓ To offer continuing education and vocational education programs beneficial to the society.

ATTESTED

Dr. S. RAMAKRISHNAN,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 617002
Nagapattinam (Dt) Tamil Nadu



About Department

The Department of Information Technology started in 2000 and offers 60 enrolled students, endorsed by AICTE and permanently affiliated with Anna University. The department has well-qualified and experienced staff and continuously updates its laboratories with the latest equipment. The sector is now subject to EGSPREC Regulations 2017 and 2019. Various associations have been established in connection with the sector. Staff and students are encouraged to present work from various universities, and despite stiff competition, they have won awards. I have a teacher who The department prepares students to be ready for their first day in the industry.



About STTP

This STTP on Microsoft Office Course is a complete guide to all the major three Microsoft Office products, Microsoft Word, Microsoft PowerPoint & Microsoft Excel. It is planned by keeping in mind the beginner or entry-level approach. It is designed in the Microsoft office 2016 version but can be easily learned in almost any older or latest version of MS office. The course is divided into three sections:

1. Microsoft Word 2. Microsoft PowerPoint 3. Microsoft Excel. Each section covers the options from beginner to expert level and are covered in a simple manner.

This course help the faculty to gain the knowledge and upgrading their skills

Software Hints

- ✓ MS-Power Point
- ✓ MS-Excel
- ✓ MS-Word

ATTESTED

[Signature]
Dr. S. P. BALAN, M.E., Ph.D.
PRINCIPAL

E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.



Office 365

From

K.Nagalakshmi, R.Lavanya
Associate Professor, Assistant Professor
Department of Information Technology
E.G.S.Pillay Engineering College
Nagapattinam-611002

To

The principal
E.G.S.Pillay Engineering College
Nagapattinam-611002

Respected Sir,

Sub: Requesting to conduct two days STTP -reg

We are happy to inform you that we plan to conduct a two days short term training programme for non-teaching staff members on "Meeting workplace skill requirements by improving MS office abilities from 01-07-2021 to 02-07-2021. Kindly give permission to conduct this programme in computer centre III.

Thank You

Yours Truly,




(K.Nagalakshmi & R.Lavanya)



Head of the Department
Department of Information Technology
E.G.S. Pillay Engineering College
Nagapattinam - 611 002.

ATTESTED



Dr. S. RAMABALAN, M.E., Ph.D.;
PRINCIPAL
E.G.S. Pillay Engineering College,
Tiruthi Nagar 611 002.
Nagapattinam, Tamil Nadu.

**E.G.S. PILLAY ENGINEERING COLLEGE(AUTONOMOUS),
NAGAPATTINAM**

DEPARTMENT OF INFORMATION TECHNOLOGY

CIRCULAR

EGSPEC/IT/JULY 2021

DATE: 25/06/2021

Greetings form the department of IT. We are going to organize the “Short Term Training Programme on Meeting workplace skill requirements by improving MS office abilities” from 01/07/2021 to 02/07/2021. In this regard all non-teaching staff members of our college are insisted to attend the training.



HOD

Head of the Department
Department of Information Technology
E.G.S. Pillay Engineering College
Nagapattinam - 611 002.

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi. Nagore - 611 002
Nagapattinam, (Dt) Tamil Nadu

**E.G.S. PILLAY ENGINEERING COLLEGE(AUTONOMOUS),
NAGAPATTINAM**

DEPARTMENT OF INFORMATION TECHNOLOGY

**SHORT TERM TRAINING PROGRAMME ON MEETING
WORKPLACE SKILL REQUIREMENTS BY IMPROVING MS OFFICE
ABILITIES**

DATE: 01-07-2021 to 02-07-2021

COMPUTER CENTRE III

Participants List

S.NO	NAME	DEPARTMENT
1.	Abirami R	COE
2.	Balaji	ECE
3.	Nandhini M	ECE
4.	Venkadesh D	ECE
5.	Nagarajan M	EEE
6.	John Antony	EEE
7.	Mathurabashini R	Library
8.	JayaKumar	MCA
9.	Sakthivel S	Mech
10.	Venkatesan S	Mech
11.	Ramu	Mech
12.	Velavan D	Physical Education
13.	Pushpa R	S&H
14.	Vijayasankar S	S&H
15.	Gectha V	COE
16.	Raju K	ECE
17.	Ramamoorthy M	Civil
18.	Subasri P	Principal Office
19.	Prince Ayya	Principal Office
20.	Shanmugam B	Library

I. D. ... R. ...

Coordinator

ATTESTED
[Signature]
Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

**E.G.S. PILLAY ENGINEERING COLLEGE(AUTONOMOUS),
NAGAPATTINAM**

DEPARTMENT OF INFORMATION TECHNOLOGY

**SHORT TERM TRAINING PROGRAMME ON MEETING
WORKPLACE SKILL REQUIREMENTS BY IMPROVING MS OFFICE
ABILITIES**

DATE: 01-07-2021 to 02-07-2021

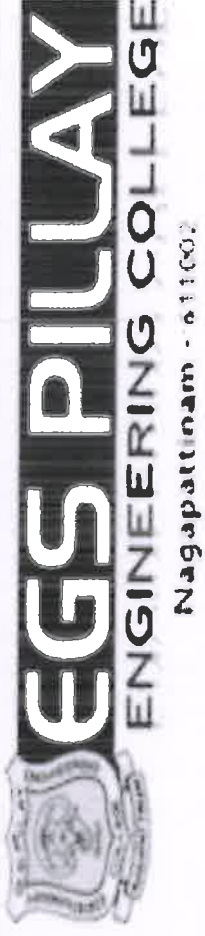
COMPUTER CENTRE III

Attendance

S.NO	NAME	DEPARTMENT	01-07-2021		02-07-2021	
21.	Abirami R	COE	<i>AB</i>	<i>AB</i>	<i>AB</i>	<i>AB</i>
22.	Balaji	ECE	<i>Balaji</i>	<i>Balaji</i>	<i>Balaji</i>	<i>Balaji</i>
23.	Nandhini M	ECE	<i>Nandhini</i>	<i>Nandhini</i>	<i>Nandhini</i>	<i>Nandhini</i>
24.	Venkadesh D	ECE	<i>D. Venk</i>	<i>D. Venk</i>	<i>D. Venk</i>	<i>D. Venk</i>
25.	Nagarajan M	EEE	<i>M N</i>	<i>M N</i>	<i>M N</i>	<i>M N</i>
26.	John Antony	EEE	<i>John</i>	<i>John</i>	<i>John</i>	<i>John</i>
27.	Mathurabashini R	Library	<i>Mathu</i>	<i>Mathu</i>	<i>Mathu</i>	<i>Mathu</i>
28.	JayaKumar	MCA	<i>Jaya</i>	<i>Jaya</i>	<i>Jaya</i>	<i>Jaya</i>
29.	Sakthivel S	Mech	<i>Sakthi</i>	<i>Sakthi</i>	<i>Sakthi</i>	<i>Sakthi</i>
30.	Venkatesan S	Mech	<i>Venka</i>	<i>Venka</i>	<i>Venka</i>	<i>Venka</i>
31.	Ramu	Mech	<i>Ramu</i>	<i>Ramu</i>	<i>Ramu</i>	<i>Ramu</i>
32.	Velavan D	Physical Education	<i>D. Velavan</i>	<i>D. Velavan</i>	<i>D. Velavan</i>	<i>D. Velavan</i>
33.	Pushpa R	S&H	<i>PR</i>	<i>PR</i>	<i>PR</i>	<i>PR</i>
34.	Vijayasankar S	S&H	<i>S. Vijaya</i>	<i>S. Vijaya</i>	<i>S. Vijaya</i>	<i>S. Vijaya</i>
35.	Geetha V	COE	<i>V. Geetha</i>	<i>V. Geetha</i>	<i>V. Geetha</i>	<i>V. Geetha</i>
36.	Raju K	ECE	<i>KR</i>	<i>KR</i>	<i>KR</i>	<i>KR</i>
37.	Ramamoorthy M	Civil	<i>M. Ram</i>	<i>M. Ram</i>	<i>M. Ram</i>	<i>M. Ram</i>
38.	Subasri P	Principal Office	<i>P. Suba</i>	<i>P. Suba</i>	<i>P. Suba</i>	<i>P. Suba</i>
39.	Prince Ayya	Principal Office	<i>Prince</i>	<i>Prince</i>	<i>Prince</i>	<i>Prince</i>
40.	Shanmugam B	Library	<i>B.S</i>	<i>B.S</i>	<i>B.S</i>	<i>B.S</i>

1. *[Signature]* 2. *[Signature]*
Coordinator

ATTESTED
[Signature]
Dr. S. RAMABALAN, M.E., Ph.D.
PRINCIPAL
E.G.S. Pillay Engineering College
Thethi, Nagapattinam - 625 007
Nagapattinam (Dt. Thanjavur)



CERTIFICATE OF TRAINING

This certifies that

Venkatesh S

Participated and successfully completed the Short-Term Training Program (STTP) on
“Meeting Workplace Skill Requirement by Improving MS-Office Abilities from 01/07.2021 &
02/07/2021 by Department of Information Technology at E.G.S Pillay Engineering College.

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,

PRINCIPAL

MANIKANDAN.S E.G.S. Pillay Engineering College,

Thethi, Nagore - 611 002.

HOD IT Nagapattinam (Dt) Tamil Nadu, EGSPEC



CERTIFICATE OF TRAINING

This certifies that

Raju K

Participated and successfully completed the Short-Term Training Program (STTP) on
“Meeting Workplace Skill Requirement by Improving MS-Office Abilities from 01/07.2021 &
02/07/2021 by Department of Information Technology at E.G.S Pillay Engineering College.

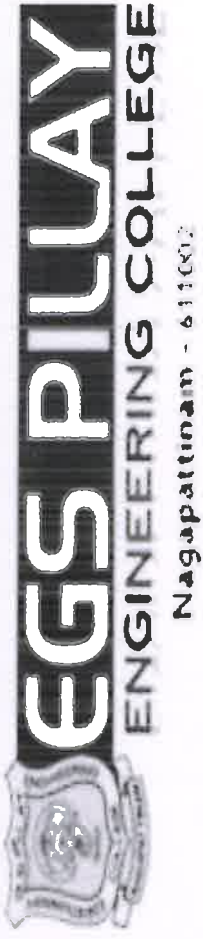
ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

MANIKANDAN.S E.G.S. Pillay Engineering College, Principal
Thethi, Nagore - 611 002.

HoD IT

Nagapattinam (Dt) Tamil Nadu. EGSPEC



CERTIFICATE OF TRAINING

This certifies that

John Antony

Participated and successfully completed the Short-Term Training Program (STTP) on
“Meeting Workplace Skill Requirement by Improving MS-Office Abilities from 01/07.2021 &
02/07/2021 by Department of Information Technology at E.G.S Pillay Engineering College.

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

MANIKANDAN.S

E.G.S. Pillay Engineering College
Thethi, Nagore - 611 002.

HoD IT

Nagapattinam (Dt) Tamil Nadu
EGSPEEC



CERTIFICATE OF TRAINING

This certifies that

Abirami R

Participated and successfully completed the Short-Term Training Program (STTP) on
“Meeting Workplace Skill Requirement by Improving MS-Office Abilities from 01/07.2021 &
02/07/2021 by Department of Information Technology at E.G.S Pillay Engineering College.

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,

PRINCIPAL

E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

Principal

EGSPEC

HoD IT

**E.G.S. PILLAY ENGINEERING COLLEGE(AUTONOMOUS), NAGAPATTINAM
DEPARTMENT OF INFORMATION TECHNOLOGY**

Two Days Hands on Workshop on "MEETING WORKPLACE SKILL REQUIREMENTS BY IMPROVING

MS OFFICE ABILITIES" - 01-07-2021 to 02-07-2021

Feedback Form

Name: *Balaji*

Designation: *Technical Assistant*

Department: *ECE*

At the end of this workshop, attendees can able to

S.NO	COURSE OUTCOME	COGNITIVE LEVEL	RATINGS			
			Highly Agree	Agree	Neutral	Disagree
CO1	Develop and edit documents using MS Word.	Apply	✓			
CO2	Make use of MS Excel edit and develop spreadsheet for given scenario	Apply	✓			
CO3	Use MS Power point to effectively present their work.	Apply	✓			
CO4	Perform image editing using MS Picture manager	Apply	✓			
CO5	Do assigned works in our college ERP	Apply	✓			

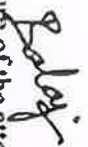
ATTESTED



**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL**

E.G.S. Pillay Engineering College
Thethi, Nagore - 611 002
, Nagapattinam (Dt) Tamil Nadu

Signature of the attendee



**E.G.S. PILLAY ENGINEERING COLLEGE(AUTONOMOUS), NAGAPATTINAM
DEPARTMENT OF INFORMATION TECHNOLOGY**

Two Days Hands on Workshop on "MEETING WORKPLACE SKILL REQUIREMENTS BY IMPROVING

MS OFFICE ABILITIES" – 01-07-2021 to 02-07-2021

Feedback Form

Name: *Venkatesan. S*

Designation: *Lab technician*

Department: *Mech*

At the end of this workshop, attendees can able to

S.NO	COURSE OUTCOME	COGNITIVE LEVEL	RATINGS			
			Highly Agree	Agree	Neutral	Disagree
CO1	Develop and edit documents using MS Word.	Apply	✓			
CO2	Make use of MS Excel edit and develop spreadsheet for given scenario	Apply	✓			
CO3	Use MS Power point to effectively present their work.	Apply		✓		
CO4	Perform image editing using MS Picture manager	Apply		✓		
CO5	Do assigned works in our college ERP	Apply	✓			

ATTESIED

**DR. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL**

E.G.S. Pillay Engineering College,
Theethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

Signature of the attendee

[Handwritten Signature]

**E.G.S. PILLAY ENGINEERING COLLEGE(AUTONOMOUS),
NAGAPATTINAM**

DEPARTMENT OF INFORMATION TECHNOLOGY

SHORT TERM TRAINING PROGRAMME ON

**“MEETING WORKPLACE SKILL REQUIREMENTS BY IMPROVING
MS OFFICE ABILITIES”**

DATE: 01-07-2021 to 02-07-2021

COMPUTER CENTRE III

Department of Information technology conducted Two days hands on workshop on Meeting workplace skill requirements by improving MS office abilities.

- Coordinators: Prof .K.Nagalakshmi and Prof R.Lavanya
- Convenor: Prof Dr. S. Manikandan/Hod IT

Drived by Mr. Rathish,Department of ERP.

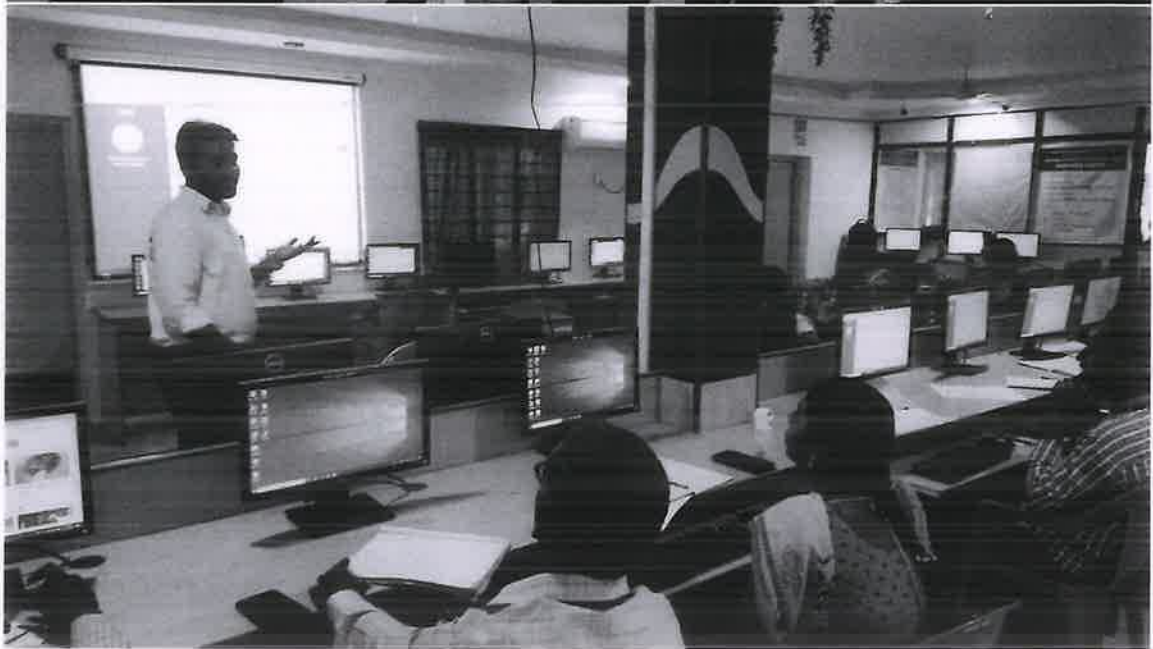
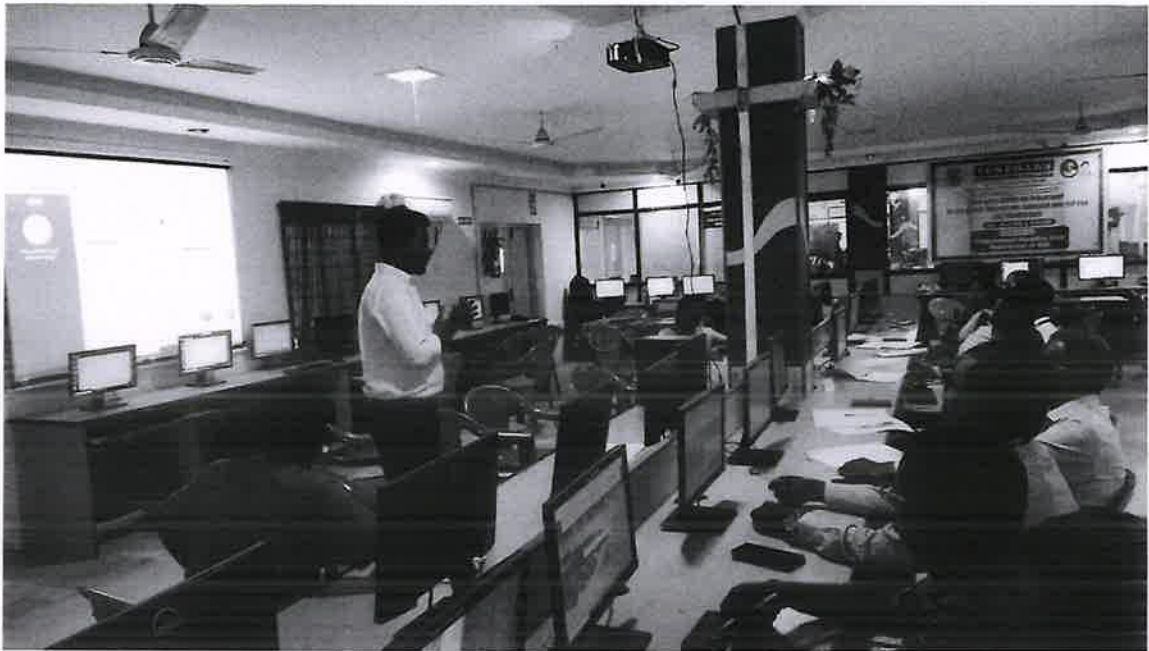
Non-teaching staffs from our engineering college are actively participated.

Outcome of the STTP:

1. Develop and edit documents using MS Word.
2. Make use of MS Excel to edit and develop spreadsheet for given scenario.
3. Use MS Power point to effectively present their work.
4. Perform image editing using MS Picture manager
5. Do assigned works in our college ERP

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.



[Handwritten signature]

Coordinator

ATTESTED
ATTESTED

[Handwritten signature]
Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 000
Nagapattinam (Dt) Tamil Nadu

E.G.S PILLAY ENGINEERING COLLEGE


Nagapattinam – 611 002.Tamil Nadu, India.

(An Autonomous Institution, Affiliated to Anna University, Chennai.)

DEPARTMENT OF INFORMATION TECHNOLOGY

FDP ON ROLE OF AI IN RENEWABLE ENERGY APPLICATIONS

S.NO	CONTENT
1.	Brochure
2.	Circular
3.	Permission Letter
4.	Schedule
5.	Attendance
6.	Certificate
7.	Feedback
8.	Report


Dr. S. MANIKANDAN
Associate Professor and Head
Chairman - Board of Studies
Department of Information Technology
E.G.S. Pillay Engineering College
Nagapattinam - 611 002.

Coordinator

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.



ATTESTED

Dr. S. RAMABALAN, M.E.

PRINCIPAL

E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

Our Vision

Envisioned to transform out institution into a "Global Centre of Academic Excellence"

Our Mission

- ✓ *To provide world class education to the students and to bring out their inherent talents*
- ✓ *To establish state-of-the-art facilities and resource required to achieve excellence in teaching-learning and supplementary processes*
- ✓ *To recruit competent faculty and staff and to provide opportunity to upgrade their knowledge and skills*
- ✓ *To have regular interaction with the industries in the area of R&D and offer consultancy, training and testing services.*
- ✓ *To establish centers of excellence in the emerging areas of research*
- ✓ *To offer continuing education and non-formal vocational education programs that are beneficial to the society.*

Department Vision

"To produce globally competent information technologist and to inculcate values of leadership and research qualities in them"

Department Mission

- ✓ *To provide high quality Education to the students by our competent faculty members, effective teaching learning process and value-added courses.*
- ✓ *To create centers of excellence by interacting with industries for better employability and to contribute to the society through consultancy and R&D works.*
- ✓ *To improve the soft skill, interpersonal communication skill of students by involving them in team works and technical event*

E.G.S PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM - 611 002.
Affiliated to Anna University,

Chennai, Approved by AICTE, New Delhi
Accredited by NAAC With GRADE 'A'



Department of Information Technology

(Accredited by NBA)

FACULTY DEVELOPMENT PROGRAM

On

"ROLE OF AI IN RENEWABLE ENERGY APPLICATION

OPPORTUNITIES & CHALLENGES"

For (EEE, ECE, MECH, CSE, CSBS, IT,
CIVIL, MCA, MBA)

Objective of the FDP

- ✓ To explore basic understanding, to support efforts for developing, demonstrating and commercializing renewable energy technology using AI.

Course Overview

- ✓ Artificial Intelligence (AI) could help the RE to achieve its future goals, just as it has in other fields (food, health, lodging, safety, and so on).
- ✓ Biologically inspired AI approaches have been used in a number of projects to meet the RE's common and future goals.
- ✓ Despite the fact that many researches has been performed for scaling and for optimize renewable energy systems.
- ✓ This FDP program shows a complete review as well as modern research findings in the fields of AI in renewable energy resources.

Resource Person

1. Dr. M. Geetha, Assistant Professor
Department of CSE,
Nehru Institute of
Technology, Coimbatore.
2. Mr. P. J. Suresh Babu,
Department of EEE, EGSPEC
3. K. Nagalakshmi,
Associate Professor,
Department of IT, EGSPEC

Course Coordinator

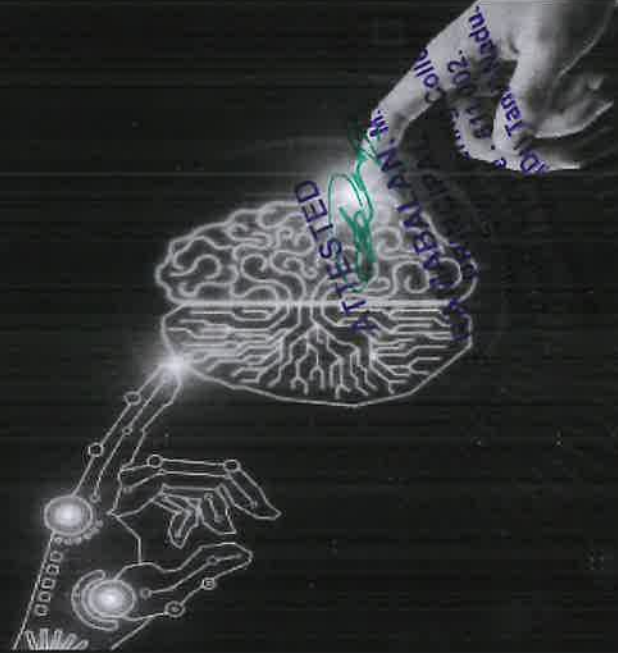
- Dr. K. Raju
Assistant Professor
Department of IT
- Mrs. R. Lavanya
Assistant Professor
Department of IT



9:30 am - 4:30 pm



19/05/2022 - 20/05/2022



From

K.Raju ,R.Lavanya
Assistant Professor / Coordinator of FDP
Department of Information Technology
E.G.S. Pillay Engineering College
Nagapattinam-611002

To

The principal
E.G.S. Pillay Engineering College
Nagapattinam-611002

Through the HOD

Respected Sir,

Sub: Requesting to conduct two days faculty development programme -reg


We are happy to inform you that we plan to conduct a two days faculty development programme on Role of AI in Renewable Energy Applications from 19/05/2022 to 20/05/2022. This programme will be useful for EEE, ECE, MECH, CSE, CSBS, IT, CIVIL, MCA, MBA Department faculty members, through this faculty members can able to understand the recent trends and applications of AI. We request you to provide permission to conduct the same.

Thank You

Yours Truly,




Dr. S. MANIKANDAN
Associate Professor and Head
Chairman - Board of Studies
Department of Information Technology
E.G.S. Pillay Engineering College
Nagapattinam - 611 002.

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi. Nagore
Nagapattinam (Dt)

E.G.S PILLAY ENGINEERING COLLEGE

Nagapattinam – 611 002.Tamil Nadu, India.

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DEPARTMENT OF INFORMATION TECHNOLOGY

FDP ON ROLE OF AI IN RENEWABLE ENERGY APPLICATIONS

(OPPORTUNITIES AND CHALLENGES)

SCHEDULE

S.No.	DATE	SESSION I	SESSION II		SESSION III	SESSION IV
1.	19.05.2022	Why a Switch to Renewable? How AI will prove to be Instrumental in this Switch?	Current energy scenarios - solar thermal systems, energy storage, and electric vehicles for smart cities	L U N C H	Integrating artificial intelligence into renewable energy sector	AI as driving force for renewable energy deployment - a global context
2.	13.06.2022	AI as disruptive innovation challenge (Towards smart energy infrastructure as a service)	Integration of photovoltaic, wind and fuel cells	B R E A K	Efficiency gains in renewable energy sector	Hands-on sessions

Coordinators

ATTESTED


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

E.G.S PILAY ENGINEERING COLLEGE (AUTONOMOUS), NAGAPATTINAM
 Department of Information Technology

FDP on Role of AI in Renewable Energy Applications
 (For EEE, ECE, MECH, CSE, CSBS, IT, CIVIL, MCA, MBA)

Date: 19/05/2022 to 20/05/2022

Venue: CC3 Lab

S.No	Name of the Faculty	Designation/Dept	Signature			
			19/05/2022		20/05/2022	
			FN	AN	FN	AN
1.	M. Cinnadurai	Prof / CSE	[Signature]	[Signature]	[Signature]	[Signature]
2.	P. Vennila	AP / CSE	[Signature]	[Signature]	[Signature]	[Signature]
3.	Y.M. CURESA	AP / IT	[Signature]	[Signature]	[Signature]	[Signature]
4.	Dr. K. Balasubramanian	Asp / CSE	[Signature]	[Signature]	[Signature]	[Signature]
5.	S. Ambika	Asp / CSE	[Signature]	[Signature]	[Signature]	[Signature]
6.	S. Raveendran	AP / CSE	[Signature]	[Signature]	[Signature]	[Signature]
7.	Rajesh	AP / CSE	[Signature]	[Signature]	[Signature]	[Signature]
8.	KS. Korayyan	Asp / ECE	[Signature]	[Signature]	[Signature]	[Signature]
9.	R. Anand Babu	AP / IT	[Signature]	[Signature]	[Signature]	[Signature]
10.	V. VOKESWARAN	AP / EEE	[Signature]	[Signature]	[Signature]	[Signature]
11.	P. Vennila	AP / CSE	[Signature]	[Signature]	[Signature]	[Signature]
12.	F. Sundar Raj	Asp / ECE	[Signature]	[Signature]	[Signature]	[Signature]
13.	S. Latha	AP / EEE	[Signature]	[Signature]	[Signature]	[Signature]
14.	R. Lavanya	AP / IT	[Signature]	[Signature]	[Signature]	[Signature]
15.	G. Murugan	AP / CSBS	[Signature]	[Signature]	[Signature]	[Signature]
16.	B. Asha Daisy	AP / MBA	[Signature]	[Signature]	[Signature]	[Signature]
17.	A. HEMA	AP / MBA	[Signature]	[Signature]	[Signature]	[Signature]
18.	K. Raju	AP / IT	[Signature]	[Signature]	[Signature]	[Signature]
19.	M. Meenu	AP / ECE	[Signature]	[Signature]	[Signature]	[Signature]
20.	S. Chitra	AP / ECE	[Signature]	[Signature]	[Signature]	[Signature]
21.	D.S.V. Sathya	Asp / EEE	[Signature]	[Signature]	[Signature]	[Signature]
22.	Dr. W. Prathap	AP / ECE	[Signature]	[Signature]	[Signature]	[Signature]
23.	R. Anand Babu	AP / IT	[Signature]	[Signature]	[Signature]	[Signature]
24.	Dr. A. S. Ananth	P / IT	[Signature]	[Signature]	[Signature]	[Signature]
25.	P. Anandraj	AP / EEE	[Signature]	[Signature]	[Signature]	[Signature]
26.	K. Rajamoh	AP / CSE	[Signature]	[Signature]	[Signature]	[Signature]
27.	S. Srinivasan	Asp / IT	[Signature]	[Signature]	[Signature]	[Signature]

ATTESTED

**Dr. S. RAMABALAN, M.E., Ph.D.,
 PRINCIPAL**

E.G.S. Pillay Engineering College,
 Thethi, Nagore - 611 002.
 Nagapattinam (Dt) Tamil Nadu.

E.G.S PILAY ENGINEERING COLLEGE (AUTONOMOUS), NAGAPATTINAM
 Department of Information Technology

FDP on Role of AI in Renewable Energy Applications
 (For EEE, ECE, MECH, CSE, CSBS, IT, CIVIL, MCA, MBA)

Date: 19/05/2022 to 20/05/2022

Venue: CC3 Lab

S.No	Name of the Faculty	Designation/Dept	Signature			
			19/05/2022		20/05/2022	
			FN	AN	FN	AN
28	A. Baskar	AP/CSE				
29	Amun Selvan	AP/CSB				
30	Manikanda Kumar	AP/IT				

HOD IT

Head of the Department
 Department of Information Technology
 E.G.S. Pillay Engineering College
 Nagapattinam - 611 002.

1.
 2. R. Surya
 Course Coordinator

ATTESTED

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E.G.S PILLAY ENGINEERING COLLEGE

(Autonomous)

NAGAPATTINAM.

Affiliated to Anna University, Chennai

Approved by AICTE, NEW - DELHI

CERTIFICATE OF PARTICIPATION

IS HEREBY AWARDED TO

A SUNDAR RAJ

FOR PARTICIPATED IN THE FDP IN ROLE OF AI IN RENEWABLE ENERGY APPLICATIONS: OPPORTUNITIES AND CHALLENGES

THAT IS CONDUCTED BY THE DEPARTMENT OF INFORMATION TECHNOLOGY ON 19/05/2022 - 20/05/2022



K.MANIKANDAN

HoD OF IT

E.G.S PILLAY ENGINEERING COLLEGE

NAGAPATTINAM

ATTESTED



Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.

Nagapattinam (Dt) Tamil Nadu,

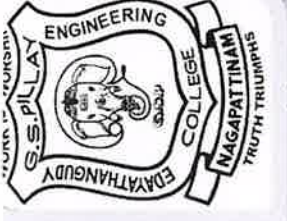


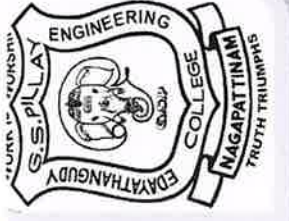
DR. R. RAMABALAN

PRINCIPAL

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CERTIFICATE OF PARTICIPATION

IS HEREBY AWARDED TO

V M SURESH

FOR PARTICIPATED IN THE FDP IN ROLE OF AI IN RENEWABLE ENERGY APPLICATIONS: OPPORTUNITIES AND CHALLENGES

THAT IS CONDUCTED BY THE DEPARTMENT OF INFORMATION TECHNOLOGY ON 19/05/2022 - 20/05/2022

K. MANIKANDAN

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DR. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College,
Thethi, Nagapattinam - 611 002.

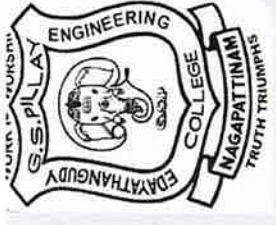
E.G.S PILLAY ENGINEERING COLLEGE
NAGAPATTINAM

DR. R. RAMABALAN

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CERTIFICATE OF PARTICIPATION

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N PRATHAP

FOR PARTICIPATED IN THE FDP IN ROLE OF AI IN RENEWABLE ENERGY APPLICATIONS: OPPORTUNITIES AND CHALLENGES

THAT IS CONDUCTED BY THE DEPARTMENT OF INFORMATION TECHNOLOGY ON 19/05/2022 - 20/05/2022

K.MANIKANDAN

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NAGAPATTINAM

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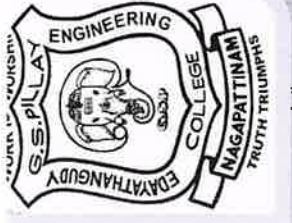
Nagapattinam (Dt) Tamil Nadu.

DR.R. RAMABALAN

PRINCIPAL

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CERTIFICATE OF PARTICIPATION

IS HEREBY AWARDED TO

A HEMA

FOR PARTICIPATED IN THE FDP IN ROLE OF AI IN RENEWABLE ENERGY APPLICATIONS: OPPORTUNITIES AND CHALLENGES

THAT IS CONDUCTED BY THE DEPARTMENT OF INFORMATION TECHNOLOGY ON 19/05/2022 - 20/05/2022

[Signature]

ATTESTED

[Signature]

K.MANIKANDAN

Dr. S. RAMABALAN

DR.R. RAMABALAN

HoD OF IT

E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu.

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NAGAPATTINAM

NAGAPATTINAM

E.G.S Pillay Engineering College
(Autonomous), Nagapattinam
Department of Information Technology

Feedback of FDP

Name of Faculty/Staff: Dr./Ms./Mr. A. Hema

Department: MCA Designation: AP

Title of FDP: Role of AI in renewable energy Applications

Mode of FDP: online /offline / web casting

Dates of FDP: From 19 /05 /2022 To 20 /05 /2022

Please respond below with 1, 2, 3, 4 or 5, where 1 and 5 are explained.

(1)	Were objectives of the FDP clear to you?	
(2)	The Programme contents met with your expectations <i>1. Strongly disagree</i> <i>5. Strongly agree</i>	5
(3)	The lecture sequence was well planned <i>1. Strongly disagree</i> <i>5. Strongly agree</i>	4
(4)	The level of the FDP was <i>1. Too low</i> <i>5. Too high</i>	5
(5)	The FDP contents compared with your expectations <i>1. Too theoretical</i> <i>5. Too empirical</i>	5
(6)	The FDP exposed you to new knowledge and practices <i>1. Strongly disagree</i> <i>5. Strongly agree</i>	4
(7)	Will you expect FDP from our department? <i>1. Not at all</i> <i>5. Very strongly</i>	4
(8)	The lectures were clear and easy to understand <i>1. Strongly disagree</i> <i>5. Strongly agree</i>	5
(9)	The teaching aids were effectively used <i>1. Strongly disagree</i> <i>5. Strongly agree</i>	5

YES / NO

/

5

4

5

5

4

4

5

5

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E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

(10)	The FDP material handed out was adequate <i>1. Strongly disagree 5. Strongly agree</i>
(11)	The Resource Person encouraged interaction and were helpful <i>1. Strongly disagree 5. Strongly agree</i>
(12)	Were objectives of the FDP realized?

4

5

YES / NO
 /

Any other Feedback

It was really a nice experience to be part of this FDP programme.

[Signature]
Signature

ATTESTED
[Signature]
Dr. S. RAMABALAN, M.E., Ph.D.,
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Thethi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu.

E.G.S Pillay Engineering College
(Autonomous), Nagapattinam
Department of Information Technology

Feedback of FDP

Name of Faculty/Staff: Dr./Ms./Mr. Gi. Murugan

Department: CSBC Designation: AP

Title of FDP: Role of AI in Renewable Energy Applications

Mode of FDP: online /offline / web casting

Dates of FDP: From 19 /05 /2022 To 26 /05 /2022

Please respond below with 1, 2, 3, 4 or 5, where 1 and 5 are explained.

	YES /	NO
(1) Were objectives of the FDP clear to you?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(2) The Programme contents met with your expectations <i>1. Strongly disagree 5. Strongly agree</i>	<input type="checkbox"/>	<input type="checkbox"/>
(3) The lecture sequence was well planned <i>1. Strongly disagree 5. Strongly agree</i>	<input type="checkbox"/>	<input type="checkbox"/>
(4) The level of the FDP was <i>1. Too low 5. Too high</i>	<input type="checkbox"/>	<input type="checkbox"/>
(5) The FDP contents compared with your expectations <i>1. Too theoretical 5. Too empirical</i>	<input type="checkbox"/>	<input type="checkbox"/>
(6) The FDP exposed you to new knowledge and practices <i>1. Strongly disagree 5. Strongly agree</i>	<input type="checkbox"/>	<input type="checkbox"/>
(7) Will you expect FDP from our department? <i>1. Not at all 5. Very strongly</i>	<input type="checkbox"/>	<input type="checkbox"/>
(8) The lectures were clear and easy to understand <i>1. Strongly disagree 5. Strongly agree</i>	<input type="checkbox"/>	<input type="checkbox"/>
(9) The teaching aids were effectively used <i>1. Strongly disagree 5. Strongly agree</i>	<input type="checkbox"/>	<input type="checkbox"/>

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 Nagapattinam (Dt) Tamil Nadu.

(10)	The FDP material handed out was adequate <i>1 Strongly disagree 5 Strongly agree</i>
(11)	The Resource Person encouraged interaction and were helpful <i>1 Strongly disagree 5 Strongly agree</i>
(12)	Were objectives of the FDP realized?

5

4

YES / NO
 /

Any other Feedback

I really learned lot of new things in this FDP programme.

Signature
Signature

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Dr. S. RAMABALAN, M.E., Ph.D.,
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 E.G.S. Pillay Engineering College,
 Thethi. Nagore - 611 002.
 Nagapattinam (Dt) Tamil Nadu.

E.G.S PILLAY ENGINEERING COLLEGE

Nagapattinam – 611 002.Tamil Nadu, India.

(An Autonomous Institution, Affiliated to Anna University, Chennai.)

DEPARTMENT OF INFORMATION TECHNOLOGY

FDP ON ROLE OF AI IN RENEWABLE ENERGY APPLICATIONS

REPORT

Two-day Faculty Development programme on “Role of AI in Renewable energy Applications” was successfully conducted on 19/05/2022 to 20/05/2022 organized by the department of Information technology, E.G.S. Pillay Engineering college, Nagapattinam. Total number of 30 participants were attended the FDP.

Dr.S. Manikandan, Associate professor, Head of the department of Information technology addressed the participants and gave brief introduction about the FDP. Then Mrs. K. Raju Assistant professor welcomes and emphasized on the importance and flow of the FDP.


Mr.P.J.Suresh Babu Associate Professor department of EEE and Mrs K.Nagalakshmi Associate Professor department of Information technology handled the sessions with recent trends on Industry and the role of AI in renewable energy applications, The sessions were very informative and interactive. Feedback was collected from all the participants and certificates are distributed to all participants.

Finally, Mrs.R. Lavanya Assistant professor, department of information technology given vote of thanks.



Dr. S. MANIKANDAN
Associate Professor and Head
Chairman - Board of Studies
Department of Information Technology
E.G.S. Pillay Engineering College
Nagapattinam - 611 002.

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Nagapattinam (Dt) Tamil Nadu.



Coordinator



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25
YEARS OF
EXCELLENCE

***An Online Workshop on "Application of Statistics In
Management"***

by Dr. P. Jamuna Devi

Organized by Department of Management Studies

Date: Monday, April 27, 2022

Time: 03.00 pm

Meeting Link - <https://google.com/fuw-btsd-qpw>

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PRINCIPAL**

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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.**

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25
YEARS OF
EXCELLENCE



An Online Workshop on "Application of Statistics In Management" by Dr. P. Jamuna Devi

CONVENED BY : DR. R. KARTHI, Director, Department of Management Studies
BENEFICIARIES : Faculty Members
GUEST SPEAKER : Dr. P. Jamuna Devi
CONDUCTED ON : April 27, 2022 at 3 pm

Convenor

Dr. R. Karthi, Director/MBA

Dr. R. KARTHI
Director
Department of Management Studies
E.G.S. Pillay Engineering College
Nagapattinam - 611 002.

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Nagapattinam (Dt) Tamil Nadu.

Contents

S. No	Description
1	Participants Name List
2	Profile of Guest Speaker
3	Event Invitation
4	Welcome Note
5	Synopsis of the Event & Event Photos

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Participants List

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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.**

Participants List:

S.NO	FACULTY NAME	DESIGNATION
1	Dr.R.Karthi	Director/MBA
2	Dr.S.Chandrasekar	Professor
3	Dr.B.Asha Daisy	Assistant Professor
4	Mr.S.Sakthi Kamal Nathan	Assistant Professor
5	Mr.I.Arulprakash	Assistant Professor
6	Mr.S.Mohamed Naina Maricar	Assistant Professor
7	Mr.S.Sathish kumar	Assistant Professor
8	Ms.A.Sowarnalakshmi	Assistant Professor
9	Ms.P.Tamilazhaghi	Assistant Professor
10	Ms.N.Rajeshwari	Assistant Professor
11	Mrs.M.Mary Vincy	Assistant Professor
12	Mrs A.Umadevi	Assistant Professor
13	Mrs.K.Suganthi	Assistant Professor
14	Mr.S.K.Sudhan	Assistant Professor
15	Ms.G.Balasaraswathi	Assistant Professor
16	Mrs.M.Sayee Sudha	Assistant Professor
17	Ms. R. Seetha	Assistant Professor/ S&H
18	Mrs. Vidhya	Assistant Professor/ S&H
19	Mrs. Kavitha	Assistant Professor/ S&H
20	Mr. Kamal Nathan	Assistant Professor/ S&H

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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.**

Profile of Guest Speaker

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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.**

Name : P.Jamuna Devi
 Qualification : M.Sc., M.Phil., Ph.D., (Mathematics)
 Father's Name & Occupation : Mr.D.Paneer Selvam, Rtd. Military Officer
 Mobile Number, email ID : 9444173350, pjamunadevi@gmail.com
 Address for communication : 6, Perumal Sannathi, Velippalayam,
 Nagapattinam-611001

Google Scholar: <https://google.com/fuw-btsd-qpw>

PART B: ACADEMIC RECORD

S.No	Degree	Period of Study	Board/University/ Institute	Subject	Percentage
1	Ph.D	2012-2017	A.D.M College for Women (Autonomous), Nagapattinam	Mathematics	Commended
2	M.Phil	2005-2006	SASTRA University, Shanmuga College, Kumbakonam,	Mathematics	87%
3	M.Sc	2003-2005	Government College For Women, Kumbakonam.	Mathematics	82%
4	B.Sc	2000-2003	Government College For Women, Kumbakonam.	Mathematics	69%
5	Higher Secondary	1999-2000	Christ The King Matric Higher Secondary School, Kumbakanam.	Mathematics Biology	1045/1200
6	Matriculation	1997-1998	Christ The King Matric Higher Secondary School, Kumbakanam.	Maths, Science & Social	851/1000

Ph.D. Title : A Study on Decision Making models and Related Topics and its Applications to Real Life problems

Guide: Dr.R.Sophia Porchelvi, Associate Professor, PG and Research Department of Mathematics, A.D.M


Dr. S. RAJARAJAM
 PRINCIPAL
 E.G.S. Pillay Engineering College,
 Thethi, Nagore - 611 002.
 Nagapattinam (Dt) Tamil Nadu.

College for Women (Autonomous) Nagapattinam.

PART C: TEACHING EXPERIENCE

- ❖ Working as Assistant professor in A.D.M.College for women Nagapattinam

Total Teaching Experience: 11 years

- ❖ UG: 10 years (B.E/B.Tech)
- ❖ PG: 7 years (MBA), 3 years (M.E)

PART D: ACADEMIC RELATED ACTIVITIES

Publication in Journals: (10 International Journal Publication)

- ❖ **R.Sophia Porchelvi, P.Jamuna Devi**, A statistical survey and analysis report on people working in Matchbox Industry at Kovilpatti and their level of satisfaction towards the working environment and other aspects, **International Review of Pure and Applied Mathematics**, January to June issue, vol 8, No – 1, page 37-47, ISSN 1311- 8080, 2012
- ❖ **R.Sophia Porchelvi, P.Jamuna Devi**, Biomass for energy production and Interval Transportation problem to minimize Transportation cost , **IOSR journal of Business and Management**, e- pp 31-35, issn:2278 – 487x, , P-ISSN: 2319 – 7668, 2012
- ❖ **R.Sophia Porchelvi, P.Jamuna Devi**, Decision making model to reduce the burden on municipalities, **Elixer International Journals, Environment and Forestry**, 72 (2014) 25405-25409, ISSN 2229-712X. 2013
- ❖ **R.Sophia Porchelvi, P.Jamuna Devi**, Modeling and Optimizing the Transshipment problem of Nagapattinam Municipality Solid Waste Management, **International Journal of Engineering Research**, Vol – 2, Issue -8, Oct, 117-130, ISSN 2321-1717
- ❖ **R.Sophia Porchelvi, P.Jamuna Devi**, Group Decision Making for safe disposal of Commercial Fish waste, **IJSRPI International Journal of scientific and Research Publications**, Volume 5, Issue 4, April, ISSN 2250 – 3153, page 1-6, 2015
- ❖ **R.Sophia Porchelvi, P.Jamuna Devi**, Mathematical Modeling and Optimization of Biomass energy production from the aquatic weed Water Hyacinth – *Eichhornia Crasspes*, **International Journal of Applied Engineering Research (Annexure II listed journal)**, volume 10, no 51, page 897-901 , ISSN 0973 – 4562, 2015
- ❖ **R.Sophia Porchelvi, P.Jamuna Devi**, Regression Model for the people working in Firework Industry - Virudhunagar District, **International Journal of scientific and Research Publications**, Volume 5,

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Issue 4, April, page 1-6, ISSN 2250 – 3153 , 2015

- ❖ **R.Sophia Porchelvi, P.Jamuna Devi**, Biomass from water Hyacinth – mathematical modeling using regression , **Global Journal of Pure and Applied Mathematics** , (Annexure II listed journal) ISSN 0973-1768 Volume 13, Number 2 (2017)
- ❖ **P.Jamuna Devi**, A Study on: Solid Waste Management in Nagapattinam, **International Journal of Pure and Applied Mathematics, (UGC Listed Journal)**, Volume 119, No 13, 2018, page 143-151, ISSN 1314- 3395
- ❖ **P.Jamuna Devi**, Statistical Analysis on client retention in LIC of India, **Journal of Applied Science and Computations, (UGC Listed Journal)**, Volume VI, Issue II, February 2019

Projects Sanctioned, Grants Received:

- ❖ **DST, New Delhi** invited me for presenting the research proposal under **Women Scientist Scheme at INSA New Delhi**, in the topic, “Biomass Energy from Water Hyacinth and Data Analysis” on April 2017 and it was presented.
- ❖ **TNSCST** sanctioned Rs 15,000 conducting “Environmental Awareness program” (April 2017) and it was completed.
- ❖ **Centre for Faculty Development, Anna University Chennai**, approved to organize one week FDTP on, “Transforms and Partial Differential Equations”, on May 2017 and it was completed.
- ❖ Received **Rs 15,000** from **TNSCST** for conducting “**Computer Literacy Program for School Children**” (2015) and it was completed.
- ❖ Received **Rs 60,000/-** from **CFD, Anna University** as a grant for conducting seven days FDTP on Mathematics I from 27th June and 3rd July 2014.

Paper Presented In National/International Conferences & State Level Seminars:

(23 papers presented)

- ❖ **International Conference on Number Theory and Mathematical Physics** at Shanmuga Arts And Science Technology And Research Academy, SASTRA University Kumbakonam on 20.12.2005, 21.12.2005
- ❖ Presented a paper on “Bernoullian Numbers”, in the **International Conference on Advances in**

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Engineering and Technology ICAET 2011, 27.5.2011,28.5.2011

- ❖ Presented a paper on Problems Faced by Tourists in Nagapattinam District-A Statistical Survey, IEEE-International Conference on Advances in Engineering, Science and Management **IEEE-ICAESM 2012**, 30.3.2012,3 1.3.2012
- ❖ Presented a paper on “A Statistical Survey and Analysis Report on People Working in Match Box Industry- Kovilpatti and their Level of Satisfaction in Working Environment”, in the **2nd International Conference on Advances in Engineering and Technology ICAET 2012**, 28.3.2012,29.3.2012
- ❖ Presented a paper on “Vedic Mathematical Sutras and its Applications”, in the **2nd International Conference on Advances in Engineering and Technology ICAET 2012**, 28.3.2012,29.3.2012
- ❖ Presented a paper on “A Statistical Survey and Analysis Report on People Working in Match Box and Fire Work Industry-Virudhunagar District”, in the **UGC Sponsored National Seminar on Strategic Role of Mathematical and Statistical Models at A.D.M College For Women Nagapattinam** on 4.7.2013, 5.7.2013
- ❖ Presented a paper on “Energy From Municipal Solid Waste- A Study Report”, in the **UGC Sponsored National Seminar on Strategic Role of Mathematical and Statistical Models at A.D.M College For Women Nagapattinam** on 4.7.2013, 5.7.2013
- ❖ Presented a paper on “Optimum Solution for the Crunch and Scarcity of Electricity”, in the **International Conference on the Role of Management in Global Business at Pavendar Bharathidasan College Of Engineering and Technology Trichy** on 1.3.2013
- ❖ Presented a paper on “Statistical Analysis on Parents Perspective about Obesity and Marching of Junk Food towards Rural Children- An Emprical Study at Nagapattinam”, in the **IEEE-International Conference on Research and Development Prospects on Engineering and Technology IEEE-ICRDPET 29.3.2013,30.3.2013**
- ❖ Presented a paper on “Multi Objective Linear Programming in a Fuzzy Environment”, in the **IEEE-International Conference on Research and Development Prospects on Engineering and Technology IEEE-ICRDPET 29.3.2013,30.3.2013**
- ❖ Presented a paper on “A Study On Energy from Biomass-Nagapattinam Town”, in the **International Conference on Mathematical Methods and Computation ICOMAC 2014 at Jamal Mohammed College Trichy** on 13.2.2014,14.2.2014
- ❖ Presented a paper on “Decision Making in Managing Municipal Solid Waste”, in the **National**

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Nagapattinam (Dt) Tamil Nadu.**

Conference on Contemporary Management Practices in Competitive World on 25.2.2014

- ❖ Presented a paper on “Mathematical Modelling and Optimization of Biomass Energy Production from the Aquatic Weed Water Hyacinth-Eichhornia Crassipes”, in the **International Conference on Applied Science in Mathematics, English and its Applications ICASMEA 2015** on 8.5.2015,9.5.2015
- ❖ Presented a paper on “Goal Programming Model for the People Working in Match Box and Fire Work Industry- Virudhunagar District”, in the **International Conference on Applied Science in Mathematics, English and its Applications ICASMEA 2015** on 8.5.2015,9.5.2015
- ❖ Presented a paper on, “Statistical Analysis on People Working in Match Box Industry”, in the **National Conference on Emerging Trends in Management and Applied Science** on 27.3.2015
- ❖ Presented a paper on “Optimising Income for WSHG”, in the **National Conference on Emerging Trends in Management and Applied Science** on 27.3.2015
- ❖ Presented a paper on “ Estimation of Psycho-social values of baby boomers in modern era” in the two day **ICSSR sponsored National Conference on Health, Social and Economical issues of ageing population in India at Annamalai University, Chidambaram** on 21 & 22 April 2016.
- ❖ Presented a paper on “ Review on Transportation Scheduling Problem” in the **International Conference on Advances in Science, Mathematics, English and its applications** on 20 & 21 June 2016
- ❖ Presented a paper on “ Formulation of Fuzzy critical path of existing method” in the **International Conference on Advaces in Science, Mathematics, English and its applications** on 20 & 21 June 2016
- ❖ Presented a paper on “Review on Road Transportation Scheduling Problem” in the **National Conference on New insights of Mathematics** conducted by E.G.S.Pillay Arts and Science College Nagapattinam on 22 & 23 August 2016.
- ❖ Presented a paper on , “Biomass from water Hyacinth – Mathematical modeling using regression”, in the **National Conference on Mathematical Modeling for Engineering organized by A.V.C Engineering College, Mayiladuthurai** on 8.4.2017
- ❖ Presented a paper on “Prediction Equation by Goal Programming Model – A Case study to analyze variables affecting health of people working in fireworks” in the **National Conference on Mathematical Modeling for Engineering organized by A.V.C Engineering College,**

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Nagapattinam (Dt) Tamil Nadu.

Mayiladuthurai on 8.4.2017

- ❖ Presented a paper on “Decision Making Models on Disposing of Fish waste using SPSS” in the **International Conference on Global Trends in Management 2017** on 5.5.2017.

Extracurricular Activities:

- ❖ Acted as a resource person in Anna University sponsored Faculty Development Programme for MA6151-Mathematics –I (27.6.14- 3.7.14)
- ❖ Acted as a resource person in Anna University sponsored Faculty Development Programme for MA6251-Mathematics –II (2.1.15 – 8.1.15)
- ❖ **ICTACT trainer** for School Teachers of Everest Cambridge School Mayiladuthurai in the topic Presentation Skills 2015
- ❖ Acted as resource person –**Government school teachers training programme** in the topic Presentation Skills at EGSPEC May 2015
- ❖ Acted as resource person – **Government school teachers training programme in the topic Number theory at Natarajan Thamayandhi Higher Secondary School** July 2015
- ❖ Acted as Jury – **State Level Maths seminar and paper presentation program held at Natarajan Thamayandhi Higher Secondary School Nagapattinam.** July 2015
- ❖ Delivered a lecture and acted as Chair person in **AICTE sponsored Two week FDP program on “Mathematical Modeling in Robotics”** on 24.11.17

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Event Invitation


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e-Invite:



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Accredited by NAAC with "A" Grade, An ISO 9001:2015 Certified Institution



DEPARTMENT OF MANAGEMENT STUDIES
ORGANIZES
AN ONLINE WORKSHOP ON
APPLICATION OF STATISTICS IN MANAGEMENT
On April 27, 2022 at 3 pm



Dr. P. Jamuna Devi, M.Sc., M.Phil., Ph.D.,
Assistant Professor, Department of Mathematics,
ADM College of Women, Nagapattinam.

Convener
Dr. R. Karthi,
Director & Head,
Department of Management Studies, EGSPEC

Organizer
Mr. S. Sakthi Kamal Nathan,
Assistant Professor,
Department of Management Studies, EGSPEC

meet.google.com/fuw-btsd-qpw

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Welcome Note

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Welcome Note by Mr. S. Sakthi Kamal Nathan

Good Evening staffs, On behalf of E.G.S.Pillay Engineering college, Department of Management studies, guest speaker for the day is Dr. P. Jamuna Devi, completed her Ph.D. in ADM college of women in 2017. Having more than 10 years of experience, she has published her works in more than 15 national and international journals. She is also a member of IQAC in ADM college of women. Faculties are asked to make good use of her time, its an opportunity arrived on time for you to have your clarifications cleared in statistics related areas. I thank our director, Dr. R. Karthi sir to have us this workshop. On behalf of the department of management studies faculties, we welcome you mam. it is delightful to have you with us today mam.

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Synopsis of the event

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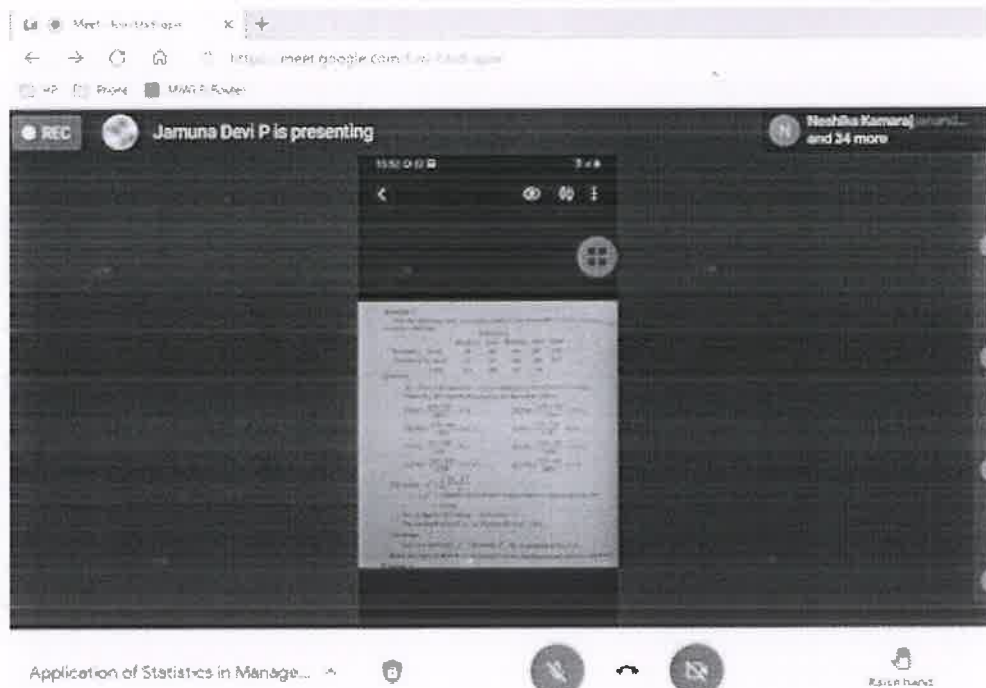
Dr. S. RAMABALAN, M.E., Ph.D.,

PRINCIPAL

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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

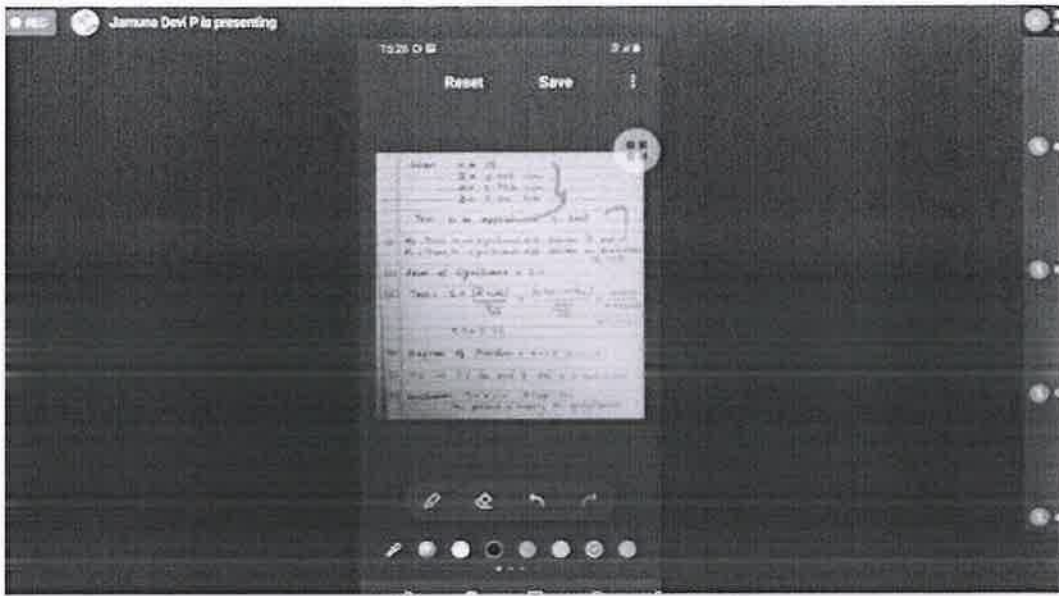
Synopsis of the event:

The program was convened by Dr. R. Karthi, Director and Head of the Department of Management Studies, E.G.S. Pillay Engineering College. The program was conducted online to cultivate the awareness on Application of statistics management among the faculties during their research.

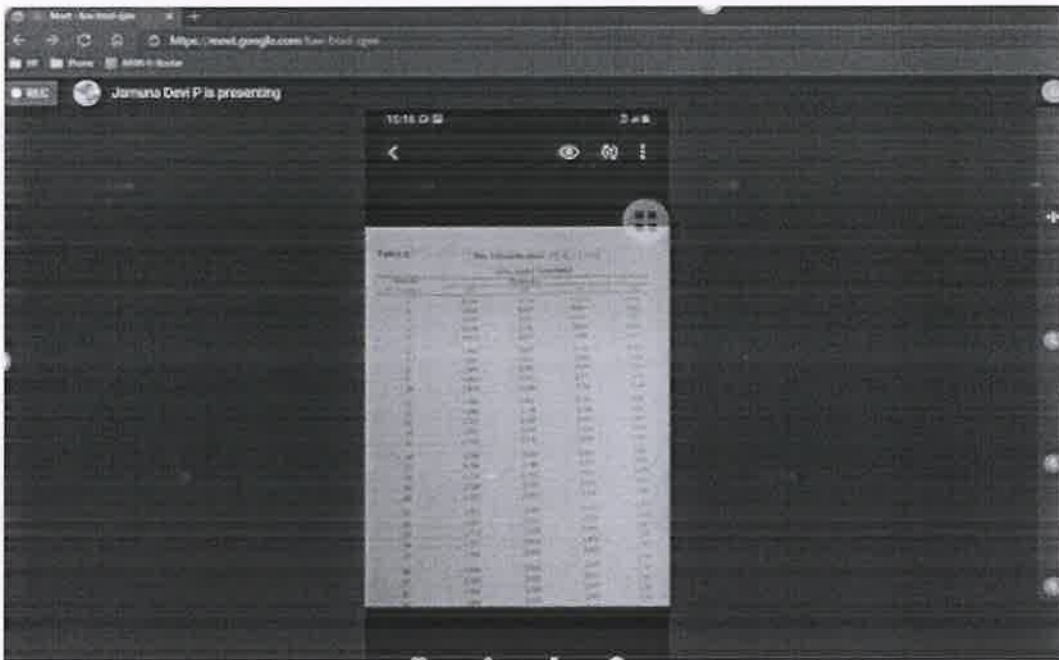


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Dr. S. Ramabalan
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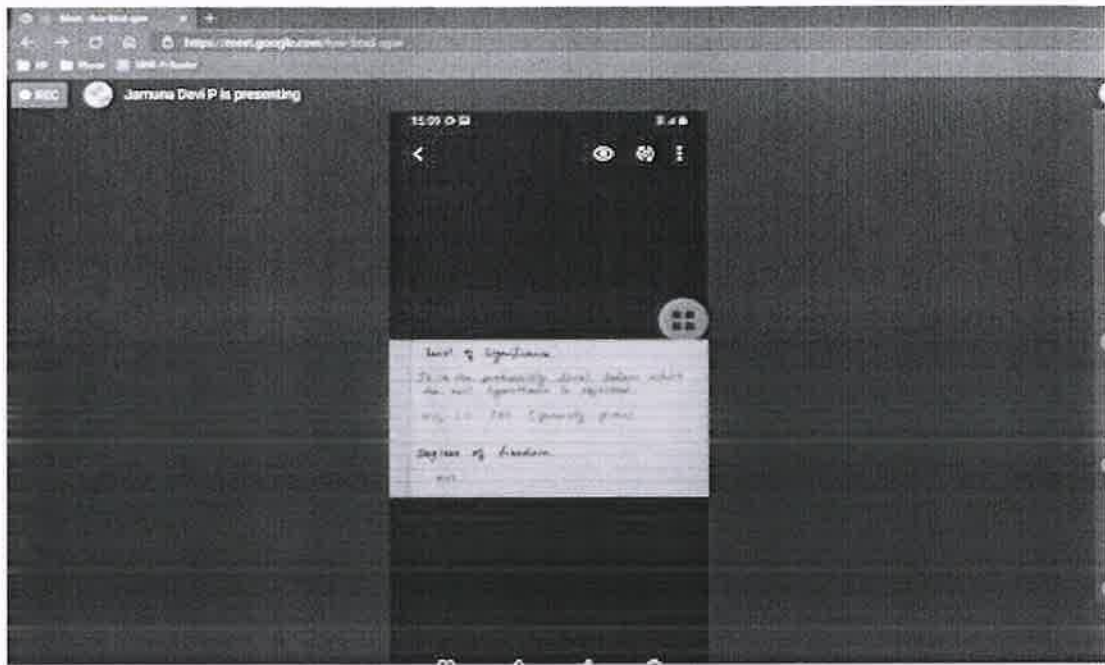
Application of Statistics in Management by Dr. P. ...



Application of Statistics in Management by Dr. P. ...

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Application of Statistics in Management by Dr. R. ...

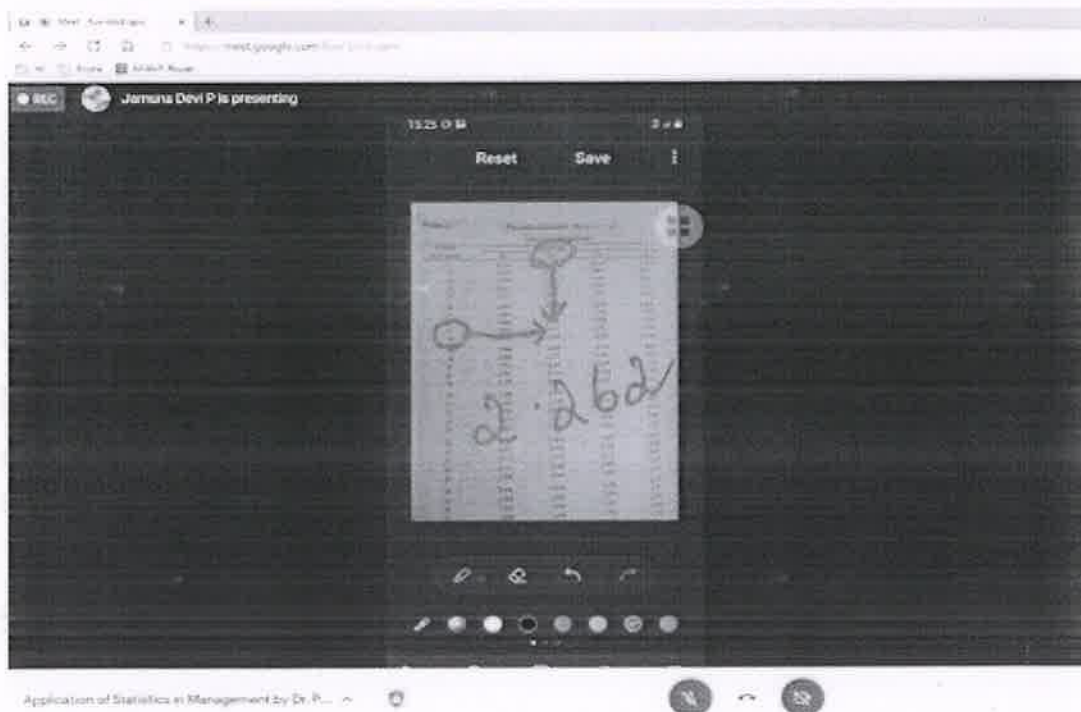
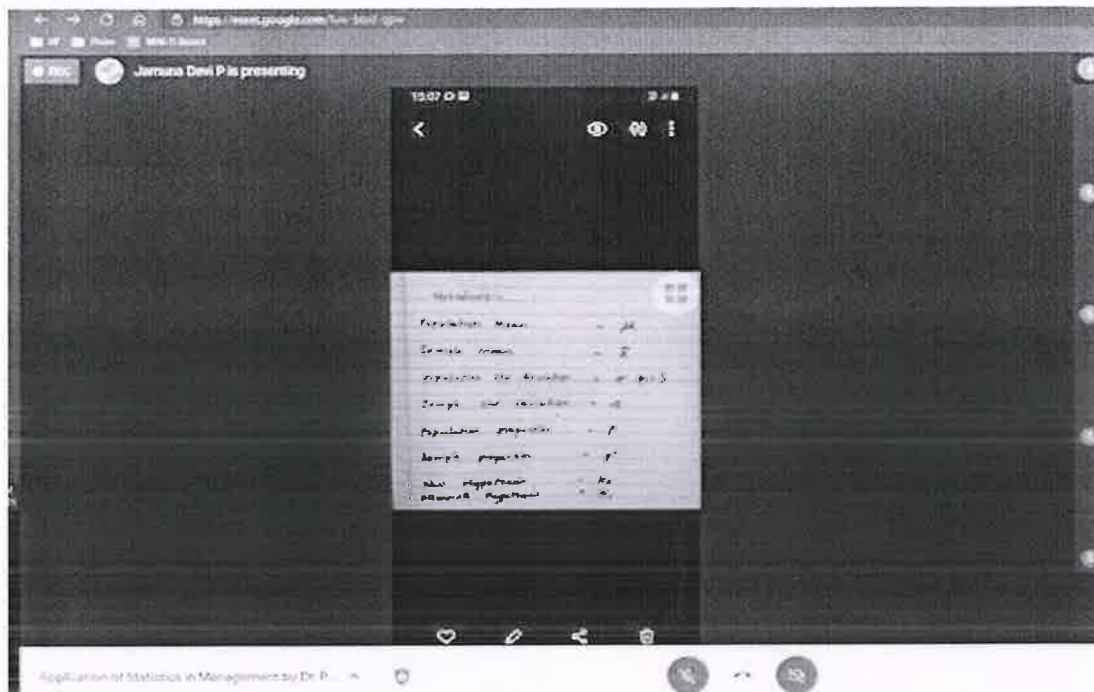


Application of Statistics in Management by Dr. R. ...

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The program started with the greeting note and the welcome note by Mr. S. Sakthi Kamal Nathan, Assistant Professor of Management Studies. Followed by which, the Resource person started their session.

She started the session by explaining the Application of statistics in management.

Introduction to Statistics

Branches of mathematics concerned with collection, classification, analysis, and interpretation of numerical facts, for drawing inferences on the basis of their quantifiable likelihood (probability). Statistics can interpret aggregates of data too large to be intelligible by ordinary observation because such data (unlike

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individual quantities) tend to behave in regular, predictable manner. It is subdivided into descriptive statistics and inferential statistics.

HISTORY OF STATISTICS

The Word statistics have been derived from Latin word —Statu^s or the Italian word —Statist^a, meaning of these words is —Political Stat^e or a Government. Shakespeare used a word Statist in his drama Hamlet (1602). In the past, the statistics was used by rulers.

The application of statistics was very limited but rulers and kings needed information about lands, agriculture, commerce, population of their states to assess their military potential, their wealth, taxation and other aspects of government. Gottfried Achenwall used the word statistik at a German University in 1749 which means that political science of different countries.

During the 18th century the English writer have used the word statistics in their works, so statistics has eveloped gradually during last few centuries. A lot of work has been done in the end of the nineteenth century. At the beginning of the 20th century, William S Gosset was developed the methods for decision making based on small set of data. During the 20th century several statistician are active in developing new methods, theories and application of statistics. Now these days the availability of electronics computers is certainly a major factor in the modern development of statistics.

Descriptive Statistics and Inferential Statistics Every student of statistics should know about the different branches of statistics to correctly understand statistics from a more holistic point of view. Often, the kind of job or work one is involved in hides the other aspects of statistics, but it is very important to know the overall idea behind statistical analysis to fully appreciate its importance and beauty.

The two main branches of statistics are descriptive statistics and inferential statistics. Both of these are employed in scientific analysis of data and both are equally important for the student of statistics. **Descriptive Statistics** Descriptive statistics deals with the presentation and collection of data. This is usually the first part of a statistical analysis.

It is usually not as simple as it sounds, and the statistician needs to be aware of designing experiments, choosing the right focus group and avoid biases that are so easy to creep into the experiment. Different areas of study require different kinds of analysis using descriptive statistics. For example, a physicist studying turbulence in the laboratory needs the average quantities that vary over small intervals of time.

The nature of this problem requires that physical quantities be averaged from a host of data collected through the experiment.

MANAGERIAL APPLICATIONS OF STATISTICS

Statistics is a the mathematical science involving the collection, analysis and interpretation of data. A number of specialties have evolved to apply statistical theory and methods to various disciplines. Certain topics have "statistical" in their name but relate to manipulations of probability distributions rather than to statistical analysis.

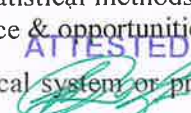
Actuarial science is the discipline that applies mathematical and statistical methods to assess risk in the insurance and finance industries.

Astrostatistics is the discipline that applies statistical analysis to the understanding of astronomical data.

Biostatistics is a branch of biology that studies biological phenomena and observations by means of statistical analysis, and includes medical statistics.

Business analytics is a rapidly developing business process that applies statistical methods to data sets (often very large) to develop new insights and understanding of business performance & opportunities .

Chemometrics is the science of relating measurements made on a chemical system or process to the state of the system via application of mathematical or statistical methods.

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Demography is the statistical study of all populations. It can be a very general science that can be applied to any kind of dynamic population, that is, one that changes over time or space.

Econometrics is a branch of economics that applies statistical methods to the empirical study of economic theories and relationships.

Environmental statistics is the application of statistical methods to environmental science. Weather, climate, air and water quality are included, as are studies of plant and animal populations. **Geostatistics** is a branch of geography that deals with the analysis of data from disciplines such as petroleum geology, hydrogeology, hydrology, meteorology, oceanography, geochemistry, geography.

Operations research (or Operational Research) is an interdisciplinary branch of applied mathematics and formal science that uses methods such as mathematical modeling, statistics, and algorithms to arrive at optimal or near optimal solutions to complex problems.

Population ecology is a sub-field of ecology that deals with the dynamics of species populations and how these populations interact with the environment.

Quality control reviews the factors involved in manufacturing and production; it can make use of statistical sampling of product items to aid decisions in process control or in accepting deliveries.

Quantitative psychology is the science of statistically explaining and changing mental processes and behaviors in humans.

Statistical finance, an area of econophysics, is an empirical attempt to shift finance from its normative roots to a positivist framework using exemplars from statistical physics with an emphasis on emergent or collective properties of financial markets.

Statistical mechanics is the application of probability theory, which includes mathematical tools for dealing with large populations, to the field of mechanics, which is concerned with the motion of particles or objects when subjected to a force.

Statistical physics is one of the fundamental theories of physics, and uses methods of probability theory in solving physical problems.

IMPORTANCE OF STATISTICS IN DIFFERENT FIELDS

Statistics plays a vital role in every field of human activity. Statistics has an important role in determining the existing position of per capita income, unemployment, population growth rate, housing, schooling, medical facilities etc... in a country. Now statistics holds a central position in almost every field like Industry, Commerce, Trade, Physics, Chemistry, Economics, Mathematics, Biology, Botany, Psychology, Astronomy etc..., so application of statistics is very wide. Now we discuss some important fields in which statistics is commonly applied.

1. Business:

Statistics play an important role in business. A successful businessman must be very quick and accurate in decision making. He knows that what his customers want, he should therefore, know what to produce and sell and in what quantities. Statistics helps businessman to plan production according to the taste of the customers, the quality of the products can also be checked more efficiently by using statistical methods. So all the activities of the businessman based on statistical information. He can make correct decision about the location of business, marketing of the products, financial resources etc...

2. In Economics:

Statistics play an important role in economics. Economics largely depends upon statistics. National income accounts are multipurpose indicators for the economists and administrators. Statistical methods are used

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for preparation of these accounts. In economics research statistical methods are used for collecting and analysis the data and testing hypothesis. The relationship between supply and demands is studies by statistical methods, the imports and exports, the inflation rate, the per capita income are the problems which require good knowledge of statistics.

3. In Mathematics:

Statistical plays a central role in almost all natural and social sciences. The methods of natural sciences are most reliable but conclusions draw from them are only probable, because they are based on incomplete evidence. Statistical helps in describing these measurements more precisely. Statistics is branch of applied mathematics. The large number of statistical methods like probability averages, dispersions, estimation etc... is used in mathematics and different techniques of pure mathematics like integration, differentiation and algebra are used in statistics.

4. In Banking:

Statistics play an important role in banking. The banks make use of statistics for a number of purposes. The banks work on the principle that all the people who deposit their money with the banks do not withdraw it at the same time. The bank earns profits out of these deposits by lending to others on interest. The bankers use statistical approaches based on probability to estimate the numbers of depositors and their claims for a certain day.

5. In State Management (Administration):

Statistics is essential for a country. Different policies of the government are based on statistics. Statistical data are now widely used in taking all administrative decisions. Suppose if the government wants to revise the pay scales of employees in view of an increase in the living cost, statistical methods will be used to determine the rise in the cost of living. Preparation of federal and provincial government budgets mainly depends upon statistics because it helps in estimating the expected expenditures and revenue from different sources. So statistics are the eyes of administration of the state.

6. In Accounting and Auditing:

Accounting is impossible without exactness. But for decision making purpose, so much precision is not essential the decision may be taken on the basis of approximation, know as statistics. The correction of the values of current asserts is made on the basis of the purchasing power of money or the current value of it. In auditing sampling techniques are commonly used. An auditor determines the sample size of the book to be audited on the basis of error.

7. In Natural and Social Sciences:

Statistics plays a vital role in almost all the natural and social sciences. Statistical methods are commonly used for analyzing the experiments results, testing their significance in Biology, Physics, Chemistry,

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Mathematics, Meteorology, Research chambers of commerce, Sociology, Business, Public Administration, Communication and Information Technology etc...

9. In Astronomy:

Astronomy is one of the oldest branches of statistical study; it deals with the measurement of distance, sizes, masses and densities of heavenly bodies by means of observations. During these measurements errors are unavoidable so most probable measurements are founded by using statistical methods.

MEASURES OF CENTRAL TENDENCY:

The term central tendency refers to the "middle" value or perhaps a typical value of the data, and is measured using the mean, median, or mode. Each of these measures is calculated differently, and the one that is best to use depends upon the situation. In the study of a population with respect to one in which we are interested we may get a large number of observations. It is not possible to grasp any idea about the characteristic when we look at all the observations. So it is better to get one number for one group. That number must be a good representative one for all the observations to give a clear picture of that characteristic. Such representative number can be a central value for all these observations. This central value is called a measure of central tendency or an average or a measure of locations. There are five averages. Among them mean, median and mode are called simple averages and the other two averages geometric mean and harmonic mean are called special averages.

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EGS PILLAY

Group of Institutions

ENGINEERING | ARTS & SCIENCE | POLYTECHNIC | PHARMACY | B.ED., | INTERNATIONAL SCHOOL (CBSE)
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Certificate of Appreciation

This certificate is presented to

Dr. P. Januna Devi

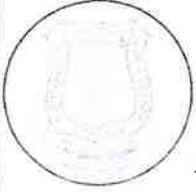
in grateful recognition and sincere appreciation for sharing her valuable time and knowledge as Resource Speaker during the workshop on "Application of Statistics in Management" on 27-01-2021 at Department of Management Studies, E.G.S. Pillay Engineering College (Autonomous), Nagapattinam

Dr.R.Karthi
Director/MBA

ATTESTED

Dr.S.Ramabalan
Principal

Dr.S.RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
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Nagapattinam (Dt) T.



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25
YEARS OF
EXCELLENCE

Report of Webinar "Financial Investment Programme"

by

Daksha Gogia

Trainer,

Financial literacy & investor education at Board of industry Academia Partnerships

(BIAP)

Organized by Department of Management Studies

Date: Monday, June 20, 2022

Time: 11:00 am

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25
YEARS OF
EXCELLENCE

"Financial Investment Programme"

ORGANIZED BY : Dr.R.Karthi, Director/ Department of Management Studies

SUPPORTED BY : Dr.B.Asha Daisy, Mr. S. Sakthi Kamal Nathan, Mr.S.Sathish Kumar & Ms.P.Tamilazhaghi, Assistant Professors, Department of Management Studies

BENEFICIARIES : MBA Faculties

GUEST SPEAKER : Daksha Gogia, trainer, for financial literacy & investor education at Board of industry Academia Partnerships (BIAP)

CONDUCTED ON : June 20, 2022


Dr. R. KARTHI
Director

Department of Management Studies
E.G.S. Pillay Engineering College
Nagapattinam - 611 002.

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E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

Department of management Studies

Circular

14-06-2022

This is to informed to that all faculty members of MBA, our department going to conduct "Financial Investment Programme" 20-06-2022 through online. All the faculty are requested to participate in this event.



Director/MBA

Dr. R. KARTHI

Director

**Department of Management Studies
E.G.S. Pillay Engineering College
Nagapattinam - 611 002.**

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2	Acceptance Letter
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5	Event Invitation
6	Participants Name List
7	Synopsis of the Event
8	Event Photos
9	Sample Feedback

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Welcome Note.

Welcome Talk by Dr.B.Asha Daisy

Good morning to all. It is the moment of extreme pleasure to welcome our resource person, Daksha Gogia, Welcome mam. I welcome our honourable director Dr. R. Karthi at this time. I also welcome our faculty members those who are supporting to conduct this webinar Once again I welcome you all.

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Profile of Guest Speaker

Daksha Gogia is a trainer for financial literacy & investor education at Board of industry Academia Partnerships (BIAP). She has conducted numerous financial literacy & investor awareness programmes for various target audience as an investor education initiatives through BIAP. She is a postgraduate in Business Management from UPG College, Mumbai. She graduated in management with specialization in finance from MMK College of Commerce & Economics, Mumbai. She qualified her UGC-NET in Commerce with 99 percentile in 1st Attempt. Prior to teaching she had worked at Jet Airways in the Finance Department. In her free time she likes to read, listen to music & play badminton.

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Event Invitation:



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DEPARTMENT OF MANAGEMENT STUDIES
ORGANIZE

25
ANNIVERSARY

ONLINE SEMINAR

FINANCIAL INVESTMENT PROGRAMME

JUNE 20,2022

**Daksha Gogia, Trainer for financial literacy & investor education at Board of
Industry Academia Partnerships (BIAP)**


Convenor

Dr. R. Karthi

Director & Head

EGSPEC

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Nagapattinam (Dt) Tamil Nadu.

Participants List:

S.NO	FACULTY NAME	DESIGNATION
1	Dr.R.Karthi	Director/MBA
2	Dr.S.Chandrasekar	Professor
3	Dr.B.Asha Daisy	Assistant Professor
4	Mr.S.Sakthi Kamal Nathan	Assistant Professor
5	Mr.I.Arulprakash	Assistant Professor
6	Mr.S.Mohamed Naina Maricar	Assistant Professor
7	Mr.S.Sathish kumar	Assistant Professor
8	Ms.A.Sowarnalakshmi	Assistant Professor
9	Ms.P.Tamilazhaghi	Assistant Professor
10	Ms.N.Rajeshwari	Assistant Professor
11	Mrs.M.Mary Vincy	Assistant Professor
12	Mrs A.Umadevi	Assistant Professor
13	Mrs.K.Suganthi	Assistant Professor
14	Mr.S.K.Sudhan	Assistant Professor

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SYNOPSIS OF THE EVENT

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Synopsis of the event:

The program was organized by Dr.R.Karthi, Director and Head of the Department of Management Studies, E.G.S. Pillay Engineering College and Supported by Dr.B.Asha Daisy, Assistant Professor, Department of Management Studies, E.G.S. Pillay Engineering College. The program was conducted in online mode.

The program started with the greeting note by Dr. R.Karthi, Director, Department of Management Studies, EGS Pillay Engineering College, followed by which, the guest speaker Daksha Gogia, trainer for financial literacy & investor education at Board of industry Academia Partnerships (BIAP) started her session.

She started the session by explaining about the Azadi Ka Amrit Mahotsav which is an initiative of the Government of India to celebrate 75 years of independence of progressive India and the glorious history of its people, culture and achievements.

The 75th Independence Day will be the celebration of the spirit of freedom struggle and the reflection of the feeling of sacrifice.

She explained the primary market and the types of public issues. She also explained about the Investor Grievance Redressal – SCORES. SEBI takes up complaints related to issue and transfer of securities and non-payment of dividend with listed companies. In addition, SEBI also takes up complaints against the various intermediaries registered with it and related issues. SCORES facilitates to lodge the complaint through online with SEBI and subsequently view its status.

How To Buy Shares | How to Invest in Stock Market

Investing in stock market today is no longer about mystery and suspense. It is indeed a profitable prospect. Stock investment certainly has the potential to make your money grow and deliver superior inflation-adjusted returns with time. Apart from securing probable profits, buying and selling shares on-line can also impart invaluable experience in trading. However, the mainstay of it all is selecting the right shares.

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With an explicit financial objective, most investors buy stocks online, through an investment account at an online or discount stockbroker. In order to begin trading, you need both a trading and a Demat account. A Demat account will act as the common repository that allows you to store the shares you have purchased, while a trading account will facilitate the actual buying and selling activities. This article will throw light on how to buy shares and also highlight some strategies to buy shares.

How To Buy Shares?

1. Get a PAN card

In order to buy shares, the first is to get a pan card. A Permanent Account Number (PAN) is the primary prerequisite, to invest in the stock market and buying shares. It is a unique 10 digit Alpha-Numeric number assigned to an individual by the Tax Authorities for assessing their tax liabilities. In India, the first thing you will need to be able to invest in shares in India is a PAN card, so get it first.

2. Find a Good Broker

The second step to buy shares is to find a broker. Transacting over stock exchange without the support of an intermediary is not an option. Numerous firms are offering you services when it comes to buying and selling of stocks or shares. It is worth spending some time on zeroing down a broker before you start buying or selling stocks. A broker is mandated to be registered and licensed by the Securities and Exchange Board of India (SEBI) – retains the right to allow you to buy and sell shares over the stock exchange. These brokers can be individuals or other online agencies as well.

3. Get a Demat and Trading Account

The third step to buy shares is to create a Demat and Trading account. Once you have a broker, you will now need a Demat and Trading account. You cannot hold shares in physical form, they have to be in a Dematerialized state, thus a Demat account does that for you. It will store the shares in your account in your name. The buying and selling of shares will also require a Trading account. It acts as an intermediary that facilitates the buying and selling. Usually, your broker takes care of all this. Whether you approach a broking firm, online agencies, or an individual broker.

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4. Depository Participant

In order to buy shares, the fourth step is to select a depository participant. There is also a Depository Participant that you need to be aware of. There are two depositories in India: NSDL (National Securities Depository Limited) and CDSL (Central Depository Services Limited).

These depositories have their agents in the form of Depository Participants who will provide an account to store the shares. However, it is not the same as a Demat and Trading account as in Demat it shows the number of shares you hold and the Trading account reflects the selling and buying occurred in your account. Depository Participants will hold the shares you bought and release those shares you sold. A depository could be a financial institution, broker, or any other entity that is responsible for the eventual transfer of shares.

5. UIN - If You Want to Invest Big

In order to buy shares, the fifth is to get a UIN number. In case you wish to invest big, for instance, if you want to trade for Rs. 1,00,000 or more at a single time you will need a UIN or Unique Identification Number.


6. Choose the Right Share and Purchase

In order to buy shares, the sixth step is to select the right shares and purchase. To buy and sell shares, you need to inform your broker about which share, the quantity, and at what price you wish to buy the shares.

For instance, if you wish to buy 20 shares of Reliance Industries Ltd when it reaches Rs. 895, you have to inform the broker : Share: Reliance Industries Ltd., Quantity: 20, Price: 895.

Online brokers usually have customer care numbers where you can place your order if you do not have access to the internet. Further, when the share reaches that price, a transaction will be made on your behalf. However, the buy and sell orders remain valid only up to a certain time frame, usually the same day or the next. If the buy or sell price is not reached during that time frame, the order is cancelled and you need to place a new order.

The buying and selling take place in 2 exchanges: BSE (Bombay Stock Exchange) and NSE (National Stock Exchange) the only two exchanges in India. You need to mention the exchange to your broker, as there is usually a minor difference in the price of shares at the two exchanges.

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Thus, for purchasing shares, you need to follow SEBI-mandated rules. You must always remember to choose a trusted broker for trading in stock markets. Choose the method of investment based on your long-term financial goals, and make the right to buy and sell decisions after considering the market movement and the price of the share.

Things to Consider While Buying Shares

1. Understand The Basics

In order to buy shares, take time to learn the basics about the stock market and the individual securities composing the market. Understanding the contrast between an ETF and a mutual fund, the purpose of an index, and the real meaning of risk should be information that is at your fingertips. There is an old proverb: It is not a stock market, but a market of stocks.

2. Think in Terms of Risk vs. Return

If you wish for higher returns, you need to buy stocks that carry more risk. However, if you don't want to invest in risky stocks, you will have to settle for those with lower returns. Many investors fall somewhere in the mid of being extremely risk-ready and risk-averse.

3. Understand How Market Expectations Work

Too many investors fail to understand that the market's expectations for a given company are built into the stock's price. This means it's not enough to invest in a company that will have above-average growth. You need to analyse a company that will grow more than the market expects it to. This includes analysing the company's future growth rates than all of the industry's highly trained professionals.

Strategies to Buy Shares

The key to buying stocks is to choose a strategy with a level of risk that you can accept, and one you can carry out. Here are some of the best strategies to buy shares:

1. Set Long-Term Goals

Before investing, you should understand your purpose and the future time frame when you may have need of the funds. If you need your investment returns within a few years, consider another

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investment. The stock market with its volatility won't provide any certainty that all of your capital will be available when needed.

By calculating how much capital and the time period when you will need it, you can calculate how much you should invest and what kind of return on your investment will be needed to produce the desired result.

2. Buy Low, Sell High

This point is quite obvious buying stocks when they are priced lower, and selling them when they are priced higher. But it tends to be as troublesome as walking away from the Vegas blackjack table when you're on a winning streak. To protect your stock portfolio from above-average risk, harvest the stocks that have done well and put those gains into stocks that have underperformed.

It seems illogical, perhaps, but that's the essence of rebalancing a portfolio. So if your stock's standard deviation is 10%, and it drops more than 20% in a short span of time, it may be a good time to rebalance and buy more of that stock—because you know it will likely rise again.

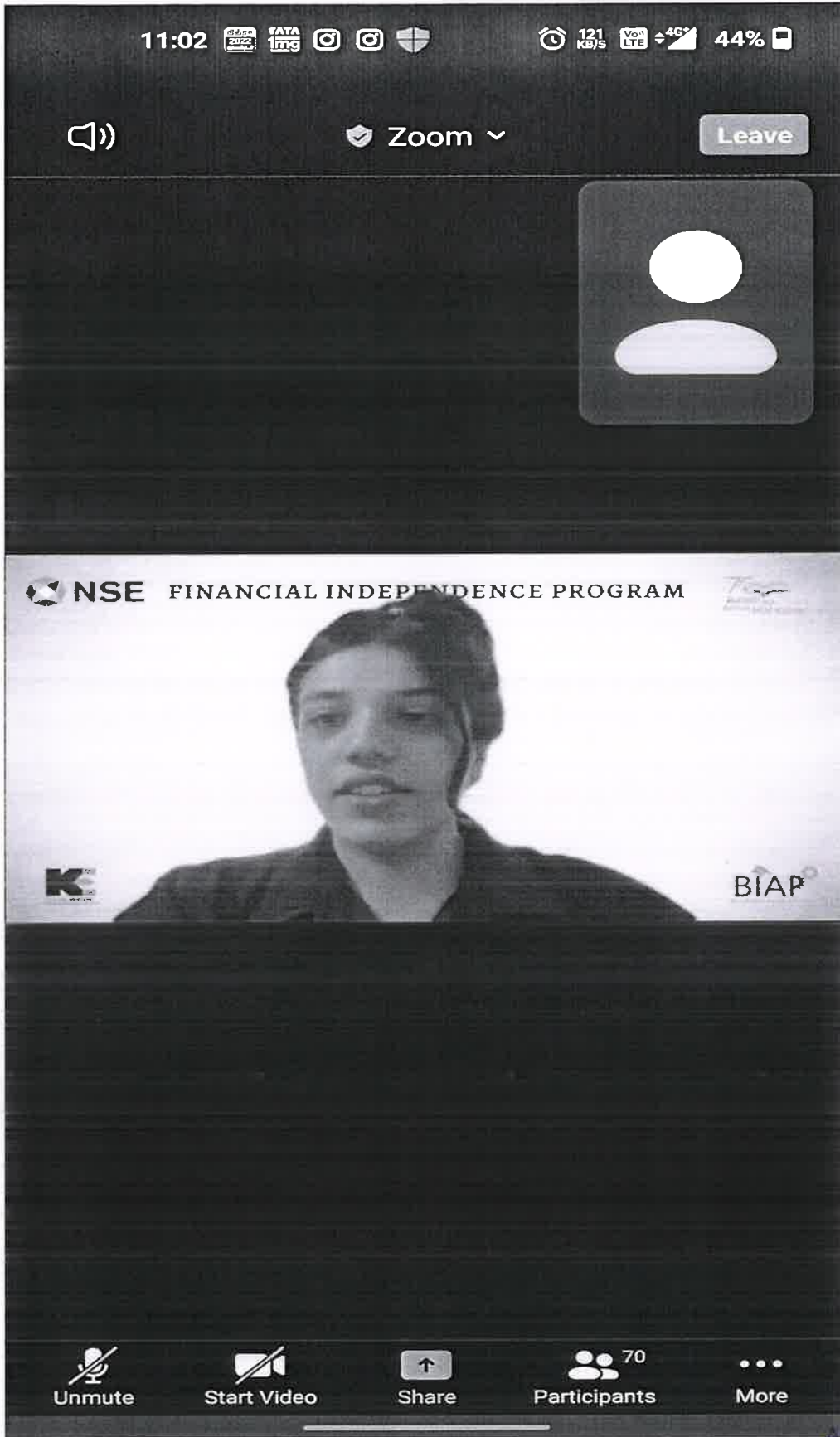
3. Assess a stock's volatility

To foresee a company's volatility and avoid your emotional reaction to a sudden downfall in stock value, you need to look at its rolling 12-month standard deviation over the past 10 years. In layman's terms, look at the stock's average performance over that time span. A normal standard deviation is about 17%, which implies that it's totally typical for that stock to increment or abate in esteem by 17%.

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11:05

53.0 KB/s VoLTE 4G+ 43%

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Azadi Ka Amrit Mahotsav

An initiative of the Government of India to celebrate and commemorate 75 years of independence of progressive India and the glorious history of its people, culture and achievements.

The 75th Independence Day will be the celebration of the spirit of freedom struggle and the reflection of the feeling of sacrifice.

NSE



Daksha Gogia's screen

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11:13

87.0 KB/S 4G+ 40%

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Media output

BIAP

Media output controls including volume, mute, and screen sharing options.

Primary Market - Types of Public issues



Daksha Gogia's screen

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11:20

61.0 KB/S VoLTE 4G+ 38%



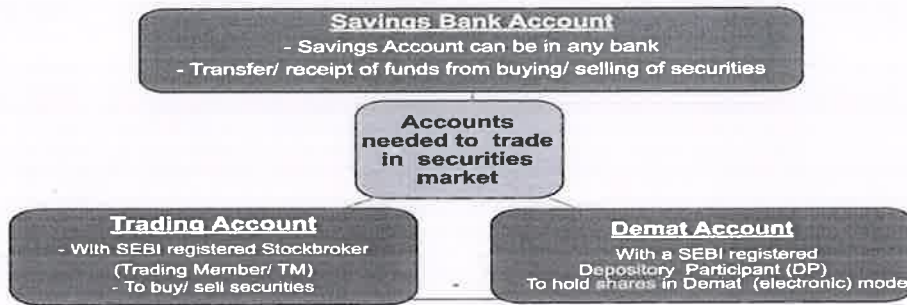
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Pre-requisites for buying/ selling shares in Securities market



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10



Unmute

Start Video

Share

Participants 83

More

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Vote of Thanks:

Delivered by Dr.B.Asha Daisy

I am very grateful to thank our honorable chief guest Daksha Gogia, Trainer, Financial literacy & investor education at Board of industry Academia Partnerships (BIAP). Thank you for inspiring and encouraging us with your words on this special day. A special thanks to Dr.R.Karthi, director and head Department of management studies, E.G.S.Pillay Engineering College, Nagapattinam. I also extended my thanks to Mr.S.Sakthi Kamal Nathan, Mr.S.Sathish Kumar, Ms.P.Tamilazhaghi for their support. Thank you all the faculty members for actively participated in the webinar. Thank you every one once again for making it great success.

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CERTIFICATE OF PARTICIPATION

This is to certify that Daksha Gogia, Trainer, financial literacy and investor education at BIAP in grateful recognition and sincere appreciation for sharing her valuable time and knowledge as resource person during the webinar on "Financial Investment Programme" Organized by the Department of Management Studies, E.G.S. Pillay Engineering College, conducted on 20-06-2022.


Dr. R. Karthi
CONVENER

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**ONE DAY GUEST LECTURE
ON
ARTIFICIAL INTELLIGENCE
17.12.2021**



Coordinators

1. Mrs.A.Hema, AP/MCA
2. Mrs.S.Visalatchy ,AP/MCA

Convener

(Dr. J.Vanitha, Professor /MCA)

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On

17.12.2021

S.No	Details	Page No
1.	Invitation	1
2.	Agenda	2
3.	Permission Letter	3
4.	Session Details	4
5.	Feedback Form	5
6.	Sample Photos	10
7.	Sample Certificate	13

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Cordially Invites you for the

On

17.12.2021

Resource Person
Dr.V.PORTCHELVI,
Professor & HOD,
KPC,Karaikal

Organized by

Department of MCA
Will preside over the function

Ramabalan
Principal,EGSPEC

Mrs.J.Vanitha
HOD /MCA

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Guest Lecture on Artificial Intelligence

17.12.2021

AGENDA

Date	Time	Program
17.12.2021	9.30 A.M– 10.00 A.M	Inauguration Function
	10.00 A.M– 11.30 A.M	Session1
	11.30 A.M -11.45 A.M	Break
	11.45 A.M– 1.00 P.M	Session2
	1.00 P.M– 1.30 P.M	Lunch
	1.30 P.M– 3.00 P.M	Session3
	3.00 P.M – 3.15 P.M	Break
	3.15 P.M – 4.30 P.M	Session 4
4.30 P.M -5.00 P.M	Feedback Certificate Distribution Valedictory	

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Nagapattinam

08.12.2021

From

Mrs.A.Hema,
Assistant Professor/ MCA,
E.G.S.Pillay Engineering College,
Nagapattinam.

To

The Principal,
E.G.S.Pillay Engineering College,
Nagapattinam.

Thru

Mrs.J.Vanitha,
Professor & HOD / MCA,
E.G.S.Pillay Engineering College,
Nagapattinam

[Handwritten signature]
8/12/21

Respected Sir,

Sub: Permission to organize Guest Lecture – Reg.

Our Department is to plan to organize the Guest Lecture Program on "Artificial Intelligence. So, I kindly request you to give permission for organizing the One Day Guest Lecture program on 17.12.2021.

Thanking you,

Yours truly,

[Handwritten signature]
[Mrs.A.Hema]

[Handwritten signature]
8/12/21

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[Handwritten signature]
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Session Details

Date/ Session	I Session 10.00 a.m. to 11.30 a.m		II Session 11.45 a.m. to 01.00 p.m		III Session 01.30 p.m. to 03.00 p.m.		IV Session 03.15 p.m. to 04.30 p.m.
17.12.2021	Session 1: Importance of AI Machine Learning and Deep Learning	Break	Session 2: Deep Learning and Neural Networks	Break	Session 3: Reinforcement Learning	Break	Session 4: Data Mining and Bigdata SMAC-Social Media Analytics and /Cloud

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Overall Feedback About the session

Your answer

How would you rate the content of the Guest Lecturer? *

- Average
- Good
- Very Good
- Excellent

The presentation delivery system was stable and met the needs of the attendees *

- Average
- Good
- very good
- Excellent



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17.12.2021

Feed back

Guest Lecturer On Artificial Intelligence

17.12.2021

 hema@egspec.org (not shared) Switch account



* Required

Enter your Name(Mrs.Ester J)

Your answer

Enter your Mail ID

Your answer

Contact Number

Your answer

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17.12.2021

Feed back

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Department of MCA									
Online Guest Lecture on Artificial Intelligence- Feedback									
S.No	Timestamp	Enter Name	How satisfied were you with the event?	How would you rate the content of the Guest Lecture?	The presentation delivery system was stable and met the needs of the attendees	The presentation material contributed to understanding the subject matter.	How satisfied were you with the session content?	The presenter(s) explained concepts clearly and understandably.	overall feedback about the session
1	23-04-2021 12:06	Mrs.Kamimozhli	5	4	4	5	4	5	good
2	23-04-2021 12:06	Mrs.Swathi priya. R	4	5	5	5	5	5	Super
3	23-04-2021 12:06	Mr.S.Sivakumar	5	5	5	5	5	5	Super
4	23-04-2021 12:06	Mrs.Hema	5	5	5	5	5	5	Useful for information
5	23-04-2021 12:06	Mr.N.Srinivasan	4	5	5	5	4	5	Shared a lot. Good session.
6	23-04-2021 12:07	Mr.S.Ashok Vel	4	5	4	4	5	3	good
7	23-04-2021 12:07	Mrs.P.Ramya Devi	5	5	5	5	5	5	This session is very useful for learning the cloud computing and AWS services
8	23-04-2021 12:08	Mrs.Nalini S	4	5	4	5	4	4	Very useful
9	23-04-2021 12:08	Dr.M.Priya	5	4	5	4	4	5	Very useful for session

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10	23-04-2021 12:08	Mr.Arulselvan	5	5	5	5	5	5	Really very useful for us.
11	23-04-2021 12:08	Dr.Praveenkumar	5	5	5	5	5	5	Very useful session and we'll knowledge able person to take the session thank you Guna bro. thank you for the webinar mam.
12	23-04-2021 12:09	Mrs.Chitra	4	4	4	4	4	4	Excellent
13	23-04-2021 12:09	Mr.P.Arunkumar	5	4	4	4	5	4	Nice to participate this webinar
14	23-04-2021 12:09	Dr.Lavanaya	5	5	5	5	5	5	Very helpful session thank you sir
15	23-04-2021 12:10	Dr.Preethi	5	5	5	5	5	5	Good.its very usefull
16	23-04-2021 12:10	Mr.Baskar	5	5	5	5	5	5	Very useful to this oppturnity in the class listen for job and more this section was very useful to some ideas Thank you...
17	23-04-2021 12:12	Mr.M.Rajeshwar	5	5	4	5	5	4	Good...
18	23-04-2021 12:12	Mr.R.Balaji	4	4	4	4	4	4	Good ☐☐
19	23-04-2021 12:12	Mrs.HemaMalini	5	5	5	5	5	4	Good ☐☐
20	23-04-2021 12:13	Mr.Manikandan	4	4	3	3	4	4	Good
21	23-04-2021 12:13	Mr.AjayPrakash	5	5	5	5	5	5	nice super
22	23-04-2021 12:14	Mr.M.Arul selvam	5	5	5	5	5	5	Good

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23	23-04-2021 12:16	Mr.R.Muthamil selvam	5	5	5	5	5	5	5	It's very useful and clearly explained bro..Thank you so much for yur valuable time bro
24	23-04-2021 12:16	Mr.G.Sakthivel	4	4	4	4	4	4	3	Good
25	23-04-2021 12:18	Mr.S.Baskar	4	5	4	4	4	4	4	Good

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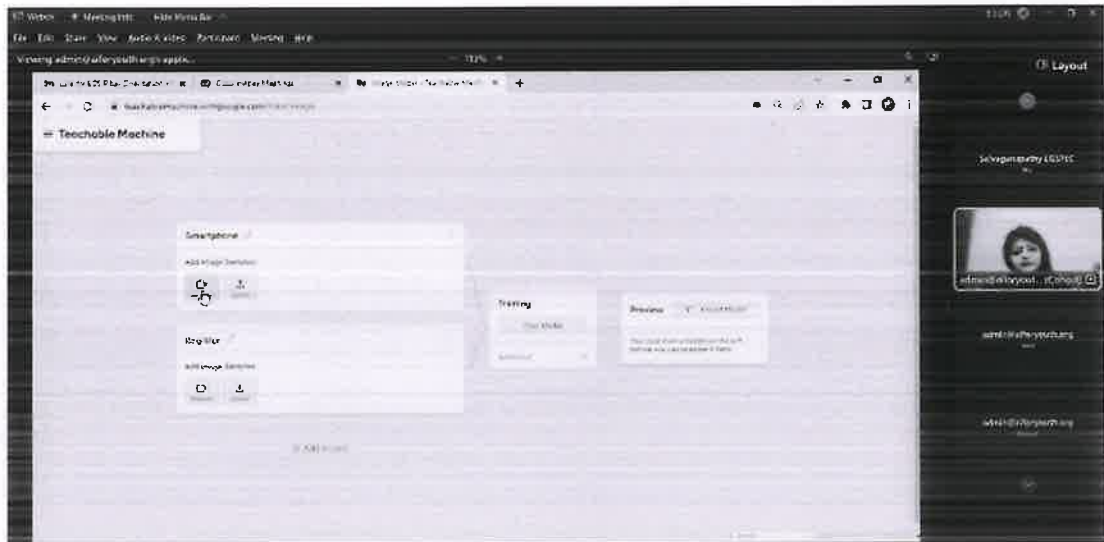
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Sample Photos



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Sample Photos

The image is a screenshot of a Zoom meeting. The main window displays a slide titled "Example: Predict Fruit Sweetness" from "Module 13 - Slide 37". The slide features a legend with a light grey circle for "Sweet" and a dark grey circle for "Not Sweet". Below the legend are three scatter plots illustrating the "k-Nearest Neighbor" algorithm for classification. Plot 1 is labeled "1 - Nearest Neighbor" and shows a single light grey circle (Sweet) circled with an 'X'. Plot 2 is labeled "2 - Nearest Neighbor" and shows two light grey circles circled with an 'X'. Plot 3 is labeled "3 - Nearest Neighbor" and shows three light grey circles circled with an 'X'. To the right of the slide is a chat window with a list of messages and a video thumbnail. The Zoom control bar at the bottom includes buttons for "Unmute", "Start video", "Share", "Participants", and "Chat".

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17.12.2021

Sample Certificate



CERTIFICATE
This is to certify that
AJAY PRAKASH P

Successfully Participated the online Guest Lecture “Artificial Intelligence” on 17.12.2021 Organized by
the **Department of Master of Computer Applications** ,E. G. S. Pillay Engineering
College[Autonomous],Nagapattinam,Tamil Nadu,India.


CO-ORDINATOR
Mrs.A.Hema
Mrs.S.Visalatchy


CONVENER
Dr.J.Vanitha

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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.



(Approved by AICTE, Affiliated to Anna University (Autonomous))

(Accredited by NAAC with "A" Grade)

(Accredited by NBA)

Two days workshop on OS Installation and computer networking basics for Lab Technicians



27/11/2021 to 28/11/2021

Organized by

*Programmers Paradise
Club,
Department of CSE
E.G.S Pillay Engineering
College,
Nagapattinam – 611 002
Tamil Nadu.*

Coordinators

*Mrs. K. Kalaivani M.E, (Ph.D.),
Associate Professor / CSE
M. Rajakumaran M.E.,
Assistant Professor / CSE
E.G.S Pillay Engineering College,
Nagapattinam – 611 002*

ATTESTED

*Dr. S. RAMABALAN, M.E., Ph.D.
PRINCIPAL*

*E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu.*

E.G.S. Pillay Engineering College (Autonomous), Nagapattinam-611002.

Department of Computer Science and Engineering

**Two Days Workshop on OS Installation and Networks Basics for Lab
Technicians (27/11/2021 to 28/11/2021)**

Organized by

Programmers Paradise Club ,CSE

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9. Sample Feedback
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11. Certificates

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**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL**

**E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.**


E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS), NAGAPATTINAM
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CIRCULAR

EGSPEC/CSE/NOV 2021

24.11.2021

Greetings from Department of CSE. We are going to organize "Two days workshop on OS installation and computer network basics" on 27.11.21 to 28.11.21. In this regard all non teaching staff members of our institution are requested to attend this workshop.


HOD
HEAD OF THE DEPARTMENT
DEPARTMENT OF CSE
E.G.S.P. Engineering College,
Nagapattinam - 611 002

CC to: The secretary, All Hods, COE, Office File

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

REQUISITION LETTER

24.11.2021

Nagapattinam

FROM:

Mrs.K.Kalaivani, AP /CSE,
Mr.M.Rajakumaran, AP /CSE,
E.G.S Pillay Engineering College,
Nagapattinam.

TO:

The Principal,
E.G.S.Pillay Engineering College,
Nagapattinam,

Through

The Head of the Department,
Department of Computer Science & Engineering,
E.G.S.Pillay Engineering College,
Nagapattinam,


Respected Sir,

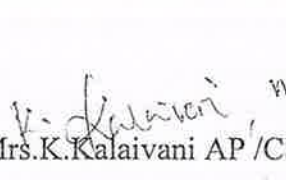
Sub: Need Permission to Conduct the Two days workshop on OS Installation and Basics of Networks for Lab Technicians-Reg.


We have planned to organize Two days workshop on OS Installation and Basics of Networks for Lab Technicians from 27/11/2021 to 28/11/2021. Hence, I request you to give the permission to organize this program successfully.

Thanking you

Yours faithfully,


HEAD OF THE DEPARTMENT
DEPARTMENT OF CSE
E.G.S.P. Engineering College,
Nagapattinam 621102


Mrs.K.Kalaivani AP /CSE,
Mr.M.Rajakumaran AP /CSE,

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
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E.G.S. Pillay Engineering College,
Thethi Nagore
Nagapattinam, Dt.

E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS), NAGAPATTINAM

PROGRAMMING PARADISE CLUB- DEPARTMENT OF CSE

(Approved by AICTE, Affiliated to Anna University)

(Accredited by NBA)

(Accredited by NAAC with "A" Grade)

Two Days Workshop on OS Installation and Networking Basics for Lab Technicians

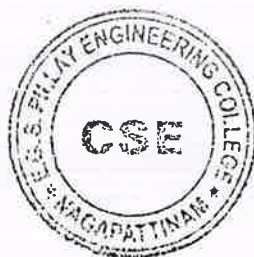
Submission of Proposal

1. Event details

1	Title of the Event	Two days workshop on OS installation and Networking basics for lab Technicians
2	Event date	27.11.2021-28.11.2021
3	Event type	Workshop
4	Participants	Lab technicians and non teaching staffs of EGSPEC
5	Resource Person	Mrs.K.Kalaivani AP/CSE/EGSPEC Mr.M.Rajakumaran AP/CSE/EGSPEC
6	Venue	EGSPEC CC lab 4
7	Event convener	Dr. M. Chinnadurai, HOD/CSE
8	Event coordinator	Mrs.K.Kalaivani AP/CSE/EGSPEC Mr.M.Rajakumaran AP/CSE/EGSPEC

2. Budget Details (Approximately):

s.no	criteria	
01	Banner and printing charges	400
02	Tea and snacks	1500
03	stationary	500
	Total	2400



[Signature]
HOD

HEAD OF THE DEPARTMENT
DEPARTMENT OF CSE
E.G.S.P. Engineering College,
Nagapattinam - 611 002



14/10, Somanathaswamy Kovil Street,
Madapuram, Thiruvarur.
Thiruvarur District-610 001.
Mobile: +91 9952127506
mrajakumaran90@gmail.com

RAJAKUMARAN M

Objective

- ❖ Quest to work in a professional atmosphere to impart knowledge about the latest technologies of information by virtue of my sincerity and dedication.
- ❖ Intend to contribute positively towards the growth and prosperity of the organization.

Summary

Experience of working in Teaching and Administrative related environments:

- * Experienced in Teaching and Laboratory Courses.
- * Experienced Laboratory Maintenance and Lab Incharge.
- * Experienced in **Approval and Certification** (AICTE, Anna University) in institution Level
- * Excellent knowledge of Inspection and New College Approvals.
- * Experienced in **Assistant Controller of Examinations** and Autonomous Systems Framing (Academic Council, BoS Meetings, Exam Conduction Etc.,)
- * Involved in Institution Level **Budget and Governing Body Meetings**.
- * Highly involved in **Anna University Affiliation, Students Admission Approval** (UG, Lateral, PG), **Scholarships** (FG,CFG, PMSS, 7.5%)
- * Involved in Jammu & Kashmir Students SPOC and AICTE Web Portal Maintenance.
- * Involved in Exam Cell Activities and Trust Related Works (Land, DTCP Approval, Higher Education, Government related Communications).
- * Institution Level **NBA, NAAC and Autonomous** Inspection and **Implementation** Process.
- * Institution Level ISO coordinator and Auditor.

Technical certifications

- ❖ I have certified **Cisco Certified Network Associate (CCNA)** in **Routing and Switching**.
- ❖ I have certified **EMC² Academic Associates** in **Cloud Infrastructure and Services**.
- ❖ I have Successfully completed a Certificate of Achievement course on **HTML**
- ❖ I have Completion of Certificate **"RSA Sales Associate in ASOC"** in **RSA**.
- ❖ I have Completion of Certificate **"RSA SE Associate in ASOC"** in **RSA**.



RESUME OF RAJAKUMARAN M



Academic Credentials

Course	College / School	Board / University	Year of Passing	Aggregate
Ph.D (CSE)	Anna University, Chennai	Anna University Chennai	2022	-
M.E (CSE)	E.G.S Pillay Engineering College, Nagapattinam	Anna University Chennai	2014	8.2
B.E (CSE)	E.G.S Pillay Engineering College, Nagapattinam	Anna University Chennai	2011	70%
Diploma (CSE)	Valivalam Desikar Polytechnic College	DOTe	2008	80%
S.S. L.C	Government Higher Secondary School, Thirukkanapuram	State Board	2005	79%

Technical skills

- ❖ **Programming Languages:** Python, Basics of JAVA, C++,C, Visual Basic
- ❖ **Security Systems:** Trend Micro Deep Security,Trend Micro Office Scan,McAfee ePO, Symantec ESM, Arcsight- SIEM
- ❖ **Operating Systems:** Windows 10/8/7/Vista/XP/2000, Windows 2000/2003/2008 Servers,
- ❖ **Networking Devices:** Firewall (Checkpoint, Cisco), VPN (Juniper)
- ❖ **Protocols:** TCP/IP, IPX/SPX, NetBEUI, SMTP, HTTP/HTTPS, FTP, PPP/SLIP,POP
- ❖ **Technologies:** Amazon Web Services (Cloud)
- ❖ **Database :** MY SQL, Oracle

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Dr. S. RAMABALAN, M.E., Ph.D.,
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Thethi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu.



RESUME OF RAJAKUMARAN M



Working Experience

- ❖ Worked as a Lecturer at E.G.S.Pillay Engineering College, Nagapattinam from 15.06.2011 to 30.06.2012.
- ❖ Worked as a Assistant Professor at E.G.S.Pillay Engineering College, Nagapattinam from 07/07/2014 to Till Date.

Area of Interest

- ❖ Networking
- ❖ Database Management system
- ❖ Software Testing
- ❖ Data Structure
- ❖ Python

Co curricular Activities & Certification

- ❖ Presented a paper **"Intrusion Prevention system (IPS) countering DDOS attack in internetworks"** in International conference on Innovative Research in Engineering and Technology (**ICIRET – 2014**) & **published in IJARCSSE**
- ❖ Presented a paper on **"Provably Protected Three-Party Legitimate Classical and Quantum Key Distribution Protocol"** in IEEE-International Conference on Research and Development Prospects on Engineering and Technology (**ICRDPET 2013**)
- ❖ Presented a paper **"Data Hiding in Audio Signal, Video Signal, Text and JPEG Images"** in IEEE-International Conference on Advances in Engineering Science and Management (**ICAESM 2012**) & **Published IEEE Digital Library**
- ❖ Attended Pre Conference Workshop on **"PHD Programming Using Drupal Tool"** in E.G.S.Pillay Engineering College, Nagapattinam.
- ❖ Attended SDP on **"Advances In Research and Development of Autonomous Robots"** in E.G.S.Pillay Engineering College, Nagapattinam



RESUME OF RAJAKUMARAN M



- ❖ Attended FDP on "**Cloud Computing and Its Application**" in E.G.S.Pillay Engineering College, Nagapattinam.
- ❖ Attended FDTP on "**Cryptography and Network Security**" in E.G.S.Pillay Engineering College, Nagapattinam.
- ❖ Attended FDTP on "**Mobile Computing**" in University College of Engineering Technology, Pattukkotai.
- ❖ Conducted FDTP on "**Distributed Systems**" Approved by Anna University, Chennai.
- ❖ Certified ICSI for "**CNSS Certified Network Security Specialist**"
- ❖ Completed Course on Fortinet NSE Institute for "**The Evolution of Cyber Security**"
- ❖ Certified Fortinet NSE 2 Network Security Associate.
- ❖ Attended FDP on "**Cloud Computing**" in NPTEL-AICTE.
- ❖ Attended Online FDP on "**Distributed and Cloud Technology**" in AICTE ATAL Academy.
- ❖ **Rajakumaran, M & Ramabalan, S 2021, 'Security for the Networked Robot Operating System for Biomedical Applications', Journal of Medical Imaging and Health Informatics, vol.11, no.12, pp.2937-2949. Impact Factor:0.659.**

Personal Profile

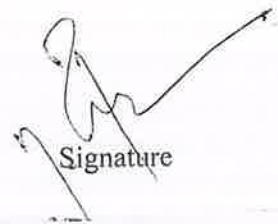
Father's Name	: R.Mohan
Date of Birth	: 14-06-1990
Nationality	: Indian
Linguistic Proficiency	: Tamil, English
Gender	: Male
Marital Status	: Single
Passport No	: J3600439

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Place: Thiruvarur

Date: 27/11/2021


Signature

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagapattinam - 611 005
Nagapattinam, Tamil Nadu

E.G.S. PILLAY ENGINEERING COLLEGE(AUTONOMOUS), NAGAPATTINAM

DEPARTMENT OF CSE

Two days Workshop on OS Installation and Basics of Computer Networks – 27/11/2021 to 28/11/2021

Attendance Sheet

S.NO	NAME	DEPARTMENT	DESIGNATION	SIGNATURE
1.	KALIYAMURTHY.G	Accounts	Accounts	27.11.2021 28.11.2021
2.	P.JANAKI	BME	BME	Kalyan Kalyan
3.	N. PRASANTH	Civil	Civil	<i>[Signature]</i>
4.	RAJAKUMAR.V	Civil	Civil	<i>[Signature]</i>
5.	N. SARAVANAN	Civil	Civil	<i>[Signature]</i>
6.	ABIRAMI R	COE	COE	<i>[Signature]</i>
7.	KAYALVIZHI S	CSBS	CSBS	<i>[Signature]</i>
8.	ARUNADEVI.K	CSE	CSE	<i>[Signature]</i>
9.	VIVEK.G	CSE	CSE	<i>[Signature]</i>
10.	K.VIJAYARAGAVAN	CSE	CSE	<i>[Signature]</i>
11.	KARTHIKA M	ECE	ECE	<i>[Signature]</i>
12.	A VIGNESHKUMAR	ECE	ECE	<i>[Signature]</i>
13.	NANDHINI M	ECE	ECE	<i>[Signature]</i>
14.	VENKADESH D	ECE	ECE	<i>[Signature]</i>
15.	NAGARAJAN M	EEE	EEE	<i>[Signature]</i>
16.	MATHURARASHINI R	Library	Library	<i>[Signature]</i>
	SUWATHI R	Library	Library	<i>[Signature]</i>

ATTESTED

[Signature]

Dr. S. RAMABALAN, M.E., Ph.D.
PRINCIPAL
 P. Pillay Engineering College,
 Chik. Nagore - 611 002,
 Nagapattinam (Dt) Tamil Nadu.

18.	LAKSHMI.R	Library	Library	Library	Lakshmi Lakshmi
19.	SAKTHIVEL. S	MECH	MECH	MECH	Sakthivel Sakthivel
20.	JOSEPH. S	MECH	MECH	MECH	Joseph Joseph
21.	S.VENKATESAN	MECH	MECH	MECH	S. Venkatesan S. Venkatesan
22.	PUSHPA .R	S&H	S&H	S&H	Pushpa Pushpa
23.	VIJAYASANKAR.S	SAH	SAH	SAH	Vijayar Vijayar
24.	RAJU. K	ECE	ECE	ECE	Raju Raju
25.	RAHUL. S	CIVIL	CIVIL	CIVIL	Rahul Rahul
26.	PRIYADHARSHINI. G	Principal Office	Principal Office	Principal Office	Priyadharshini Priyadharshini
27.	MUTHUNAYAKAM. P	IT	IT	IT	Muthu Muthu
28.	SIVASUBRAMANIAN. R	Principal Office	Principal Office	Principal Office	Sivaramanian Sivaramanian
29.	HEMALATHA. M	Library	Library	Library	Hemalatha Hemalatha
30.	Dr. SHANMUGAM. B	Library	Library	Library	Dr. Shanmugam Dr. Shanmugam

Muthu

[Signature]

HEAD OF THE DEPARTMENT
DEPARTMENT OF CSE
E.S.P. Engineering College,
Nagapattinam - 611 002



**E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)
NAGAPATTINAM – 611002
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**Two days workshop on OS Installation and Basics of Networks for Lab Technicians
(27/11/2021 & 28/11/2021)**

Date: 28/11/2021 & Time: 1 hour (03.00-04.00 pm)

Maximum: 50 Marks

Answer all Questions

Q. No **PART A – (25 × 2 = 50 marks)** **[CO#, BTL]**

Basics of OS Installation MCQ Questions

1. The first batch operating system was developed in the..... by General Motors for use on an IBM 701. [CO1, K1]
A) mid 1940's
B) mid 1950's
C) mid 1960's
D) mid 1970's
2. Process is [CO1, K3]
A) A program in execution
B) An instance of a program running on a computer.
C) The entity that can be assigned to and executed
D) All of the above.
3. is a facility that allows programmers to address memory from a logical point of view, without regard to the main memory, physically available. [CO2, K3]
A) Visual memory
B) Real memory
C) Virtual memory
D) Secondary memory
4. is a large kernel, including scheduling file system, networking, device drivers, memory management and more. [CO2, K2]
A) Monolithic kernel
B) Micro kernel
C) Macro kernel

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**E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.**

5. A architecture assigns only a few essential functions to the kernel, including address spaces, Inter process communication(IPC) and basic scheduling. [CO3, K3]

- A) Monolithic kernel
- B) Micro kernel
- C) Macro kernel
- D) Mini kernel

6. The unit of dispatching is usually referred to as a [CO3, K1]

- A) Thread
- B) Lightweight process
- C) Process
- D) Both A and B

7..... is a example of an operating system that support single user process and single thread. [CO4, K1]

- A) UNIX
- B) MS-DOS
- C) OS/2
- D) Windows 2000

8. File management function of the operating system includes [CO4, K3]

- i) File creation and deletion
 - ii) Disk scheduling
 - iii) Directory creation
 - iv) Mapping file in secondary storage.
- A) i, ii and iii only
 - B) i, iii and iv only
 - C) ii, iii and iv only

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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu

D) All i, ii, iii and iv

9. The Determines when a page should be brought into main memory.

[CO5, K2]

A) Fetch policy

B) Placement policy

C) Replacement policy

D) Resident set management

10. With A page is written out to secondary memory only when it has been selected for replacement.

[CO5, K2]

A) pre-cleaning

B) demand cleaning

C) required cleaning

D) fast cleaning

Answers:

1. B) mid 1950's 2.

D) All of the above.

3. C) Virtual memory

4. A) Monolithic kernel

5. B) Micro kernel

6. D) Both A and B

7. B) MS-DOS

8. B) i, iii and iv only

9. A) Fetch policy

10. B) demand cleaning

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E.G.S. Pillay Engineering College,
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Nagapattinam (Dt) Tamil Nadu.

Basics of Networking MCQ Questions

1. The computer network is [CO1, K2]
A) Network computer with cable
B) Network computer without cable
C) Both of the above
D) None of the above
2. FDDI used which type of physical topology? [CO1, K1]
A) Bus
B) Ring
C) Star
D) Tree
3. FTP stands for [CO1, K2]
A) File transfer protocol
B) File transmission protocol
C) Form transfer protocol
D) Form transmission protocol
4. Ethernet system uses which of the following technology. [CO2, K13]
A) Bus
B) Ring
C) Star
D) Tree
5. Which of the following are the network services? [CO2, K1]
A) File service
B) Print service
C) Database service
D) All of the above
6. If all devices are connected to a central hub, then topology is called [CO2, K1]
A) Bus Topology
B) Ring Topology
C) Star Topology
D) Tree Topology
7. FDDI stands for [CO3, K2]
A) Fiber Distributed Data Interface
B) Fiber Data Distributed Interface
C) Fiber Dual Distributed Interface
D) Fiber Distributed Data Interface
8. Which of the following is an application layer service? [CO3, K3]
A) Network virtual terminal
B) File transfer, access and management

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- C) Mail service
- D) All of the above

9. Which is the main function of transport layer? [CO3, K3]

- A) Node to node delivery
- B) End to end delivery
- C) Synchronization
- D) Updating and maintaining routing tables

10. The..... layer change bits onto electromagnetic signals. [CO4, K2]

- A) Physical
- B) Transport
- C) Data Link
- D) Presentation

11. In mesh topology, relationship between one device and another is [CO4, K2]

- A) Primary to peer
- B) Peer to primary
- C) Primary to secondary
- D) Peer to Peer

12. The performance of data communications network depends on [CO4, K3]

- A) Number of users
- B) The hardware and software
- C) The transmission
- D) All of the above

13. Find out the OSI layer, which performs token management. [CO5, K2]

- A) Network Layer
- B) Transport Layer
- C) Session Layer
- D) Presentation Layer

14. The name of the protocol which provides virtual terminal in TCP/IP model is. [CO5, K3]

- A) Telnet
- B) SMTP
- C) HTTP
- D) None

15. The layer one of the OSI model is [CO5, K2]

- A) Physical layer
- B) Link layer
- C) Router layer
- D) Broadcast layer

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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

Answers:

1. C) Both of the above
2. B) Ring
3. A) File transfer protocol
4. A) Bus
5. D) All of the above
6. C) Star Topology
7. A) Fiber Distributed Data Interface
8. C) Mail service
9. B) End to end delivery
10. A) Physical
11. D) Peer to Peer
12. D) All of the above
13. C) Session Layer
14. A) Telnet
15. A) Physical layer

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E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM

DEPARTMENT OF CSE

(Approved by AICTE, Affiliated to Anna University)

(Accredited by NBA)

(Accredited by NAAC with "A" Grade)

Two days workshop on OS Installation and networking basics for Lab Technicians

COURSE OUTCOMES

At the end of this workshop, attendees can able to

CO Number	Competency	Cognitive level
CO1	Install OS from USB.	Apply
CO2	Understand basic OS functionalities.	Understand
CO3	Use ports, hub and switches effectively to form networks of systems.	Apply
CO4	Create LAN connection.	Apply
CO5	Sharing of resources using network.	Apply

S. No	Name	Department	Designation	CO1	CO2	CO3	CO4	CO5
1.	KALIYAMURTHY.G	Office Superintendent	Accounts	3	3	3	3	3
2.	P.JANAKI	Lab technician	BME	3	3	3	3	3
3.	N. PRASANTH	Technician	Civil	3	3	3	3	3
4.	RAJAKUMAR V	Lab technician	Civil	2	2	2	2	2
5.	N. SARAVANAN	Lab Technician	Civil	3	3	3	3	3
6.	ABIRAMI R	Technical Assistance	COE	3	3	3	3	3
7.	KAYALVIZHI S	Office assistance	CSBS	3	3	3	3	3
8.	ARUNADEVI.K	Lab Assistant	CSE	3	3	3	3	3
9.	VIVEK.G	Lab Assistant	CSE	3	3	3	3	3
10.	K.VIJAYARAGAVAN	Lab assistant	CSE	2	3	2	2	2
11.	KARTHIKA M	Office Assistant	ECE	3	3	3	3	3
12.	A VIGNESHKUMAR	Lab Assistant	ECE	2	2	2	2	2
13.	NANDHINI M	Lab assistant	ECE	3	3	3	3	3
14.	VENKADESH D	Lab assistant	ECE	2	3	2	2	2
15.	NAGARAJAN M	Lab assistant	EEE	3	3	3	3	3
16.	MATHURABASHINI.R	Assistant librarian	Library	3	3	3	3	3
17.	SUMATHI. R	Assistant librarian	Library	3	3	3	3	3
18.	LAKSHMI.R	Assistant librarian	Library	3	3	3	3	3
19.	SAKTHIVEL. S	Skilled Assistant	MECH	3	3	3	3	3
20.	JOSEPH. S	Skilled Assistant	MECH	3	3	3	3	3
21.	S.VENKATESAN	Skilled Assistant	MECH	2	2	2	2	2
22.	PUSHPA .R	Lab Technician	S&H	3	3	3	3	3
23.	VIJAYASANKAR.S	Technical Assistant	SAH	2	2	2	3	3
24.	RAJU. K	Service Engineer	ECE	2	2	2	3	3
25.	RAHUL. S	Lab Assistant	CIVIL	3	3	3	3	3
26.	PRIYADHARSHINI .G	Office Assistant	Principal Office	3	3	3	3	3
27.	MUTHUNAYAKAM. P	Lab Assistant	IT	2	3	2	2	2
28.	SIVASUBRAMANIAN. R	Office Assistant	Principal Office	3	3	3	3	3
29.	HEMALATHA. M	Librarian	Library	3	3	3	3	2

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

30.	Dr. SHANMUGAM. B	Librarian	Library	3	3	3	3	3
TOTAL				74	82	76	86	82
ATTAINMENT				82	91	84	95	91
ATTAINMENT LEVEL				2	3	2	3	3

Attainment Level 1,2,3

Attainment Level 1: >70%

Attainment Level 2: >80%

Attainment Level 3: >90%



Coordinator

Mr. M. RAJAKUMARAN, M.E., (Ph.D.,)
Assistant Professor / CSE
 E.G.S. Pillay Engineering College
 Nagapattinam.



HOD

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DEPARTMENT OF CSE
 E.G.S.P. Engineering College,
 Nagapattinam - 611 002

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PRINCIPAL
 E.G.S. Pillay Engineering College,
 Thethi, Nagore - 611 002,
 Nagapattinam (Dt) Tamil Nadu.

E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS), NAGAPATTINAM

PROGRAMMERS PARADISE CLUB- DEPARTMENT OF CSE

Two days workshop on OS Installation and Networking basics for lab Technicians

Date 27.11.2021 – 28.11.2021

Operating System :

- An operating system is a program that controls the execution of application programs and acts as an interface between the user of a computer and the computer hardware.
- A more common definition is that the operating system is the one program running at all times on the computer (usually called the kernel), with all else being application programs.
- An operating system is concerned with the allocation of resources and services, such as memory, processors, devices, and information. The operating system correspondingly includes programs to manage these resources, such as a traffic controller, a scheduler, a memory management module, I/O programs, and a file system.

Functions:

- An **Operating System** acts as a communication bridge (interface) between the user and computer hardware. The purpose of an operating system is to provide a platform on which a user can execute programs in a convenient and efficient manner.
- An operating system is a piece of software that manages the allocation of computer hardware. The coordination of the hardware must be appropriate to ensure the correct working of the computer system and to prevent user programs from interfering with the proper working of the system. Example: Just like a boss gives orders to his employee, in a similar way we request or pass our orders to the Operating System. The main goal of the Operating System is to make the computer environment more convenient to use and Secondary goal is to use the resources in the most efficient manner.

A computer cannot function without an operating system, so installing Windows 10 is a critical step that every non-Mac user should know how to do.

Perhaps your device is running an outdated version of Windows, and you need to upgrade to Windows 10. Or maybe you want to perform a clean installation as your operating system is experiencing issues. Or you could simply want to add Windows 10 to a new PC or laptop.

How to install Windows 10: Full installation

Before we get into the installation walkthrough, it's worth noting that installing Windows 10 can be a lengthy process. Make sure you have enough time to wait it out.

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1. Check your device meets the Windows 10 system requirements. Below you'll find the minimum specs needed to run Windows 10, so check your device is capable:

CPU: 1GHz or faster processor

RAM: 1GB for Windows 10 32-bit or 2GB for Windows 10 64-bit

Storage: 32GB of space or more

GPU: DirectX 9 compatible or later with WDDM 1.0 driver

Display: 800x600 resolution or higher

If your computer is lacking in terms of specs, then check out our roundup of the best laptops. or get a beastly machine by choosing one of our best gaming PCs.

2. Create USB installation media. Visit Microsoft's Windows 10 download page(opens in new tab) and select "Download tool now" under the "create Windows 10 installation media" section. Transfer the downloaded installer tool to a USB drive.

3. Run the installer tool. Open the installer tool by clicking on it. Accept Microsoft's terms, and then select "**Create installation media for another PC**" on the "What do you want to do?" page. After selecting which language you want Windows 10 to run in, and which edition you want as well (32-bit or 62-bit), you'll be asked what type of media you want to use. Installing from a USB drive is definitely the preferred option but you can also install from a CD or ISO file. Once you choose your device, the installer tool will download the required files and put them onto your drive.

4. Use your installation media. Insert your installation media into your device and then **access the computer's BIOS or UEFI.** These are the systems that allow you to control your computer's core hardware.

The process of accessing these systems is unique to each device, but the manufacturer's website should be able to give you a helping hand here. Generally, you'll need to **press the F2, F12 or Delete keys** as your computer boots up.

5. Change your computer's boot order. Once you have access to your computer's BIOS/UEFI you'll need to locate the settings for boot order. You need the Windows 10 installation tool to be higher up on the list than the device's current boot drive: this is the SSD or HDD that your existing OS is stored on. You should **move the drive with the installer files to the very top of the boot order menu.** Now, when you restart your device the Windows 10 installer should load up first.

6. Restart your device. Save your settings in the BIOS/UEFI and reboot your device.

7. Complete the installation. Your device should now load up the Windows 10 installation tool on restart. This will guide you through the rest of the installation process.

Introduction to Networking:

Computer networking refers to interconnected computing devices that can exchange data and share resources with each other. These networked devices use a system of rules, called communications protocols, to transmit information over physical or wireless technologies.

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Nagapattinam (Dt) Tamil Nadu.

TCP/IP Reference Model is a **four-layered suite of communication protocols**. It was developed by the DoD (Department of Defence) in the 1960s. It is named after the two main protocols that are used in the model, namely, TCP and IP. TCP stands for Transmission Control Protocol and IP stands for Internet Protocol.

Basics of Computer Networking

Open system:

A system which is connected to the network and is ready for communication.

Closed system:

A system which is not connected to the network and can't be communicated with.

Computer Network:

An interconnection of multiple devices, also known as hosts, that are connected using multiple paths for the purpose of sending/receiving data or media. Computer networks can also include multiple devices/mediums which help in the communication between two different devices; these are known as **Network devices** and include things such as routers, switches, hubs, and bridges.

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Thethi, Nagercoil - 614 002,
Nagapattinam (Dt) Tamil Nadu.**

Most Common Laptop Port



serial port



parallel port



keyboard PS/2 port



mouse PS/2 port



S- Video Port



HDMI Port



SD Port



Display Port



Power Port



RJ-45 Port



Mini Display Port



Audio Port



USB A Port



USB B Port



Type C Port



Firewire 800



Mini Display Port



Thunderbolt Port



eSata Port

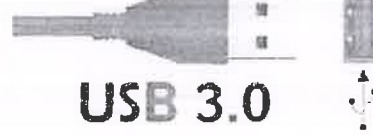
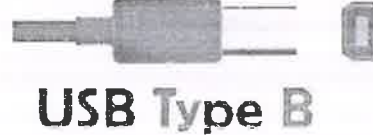
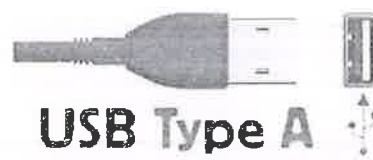


Firewire 400

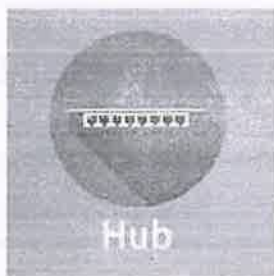
ATTESTED

Dr. S. Ramabalan
Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
 E.G.S. Pillay Engineering College,
 Thethi, Nagore - 611 002
 Nagapattinam (Dt) Tamil Nadu.

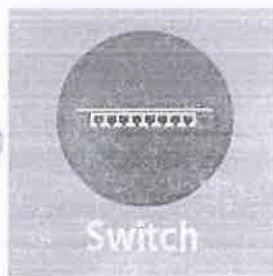
Types of port plug



HUB



VS



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A network hub is a node that broadcasts data to every computer or Ethernet-based device connected to it. A hub is less sophisticated than a switch, the latter of which can isolate data transmissions to specific devices.

Network hubs are best suited for small, simple local area network (LAN) environments. Hubs cannot provide routing capabilities or other advanced network services. Because they operate by forwarding packets across all ports indiscriminately, network hubs are sometimes referred to as "dumb switches."

Bridge

A bridge is a network device that connects multiple subnetworks to create a single network. It provides interconnection with other computer networks that use the same protocol. Through a bridge, multiple LANs can be connected to form a larger and extended LAN. This function of creating a single aggregate network from multiple network segments is called network bridging. It works in the data link layer, which is the second network layer in the OSI model.

Functions of Bridges

Now, let us take a look at the functions of bridges:

- Store MAC address in PC that is used in the network for reducing network traffic.
- Divide local area networks into multiple segments.
- Connects multiple networks to ensure communication between them.
- Connects LAN segments into a single network.
- Recognizes areas where data is to be sent and on which device it will be sent.
- Maintains MAC address table to discover new segments.
- Used in load filtering of network traffic by separating it into segments or packets.

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Router



Hub



Bridge



Wireless Router



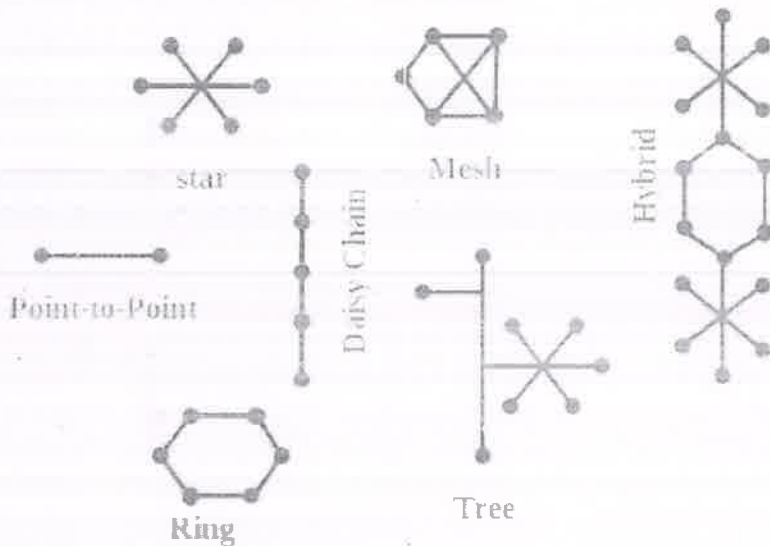
Switch



Wireless Bridge

Network Topology:

The layout arrangement of the different devices in a network. Common examples include: Bus, Star, Mesh, Ring, and Daisy chain.



Router:(Router helps direct data packets to their destination IP address.)



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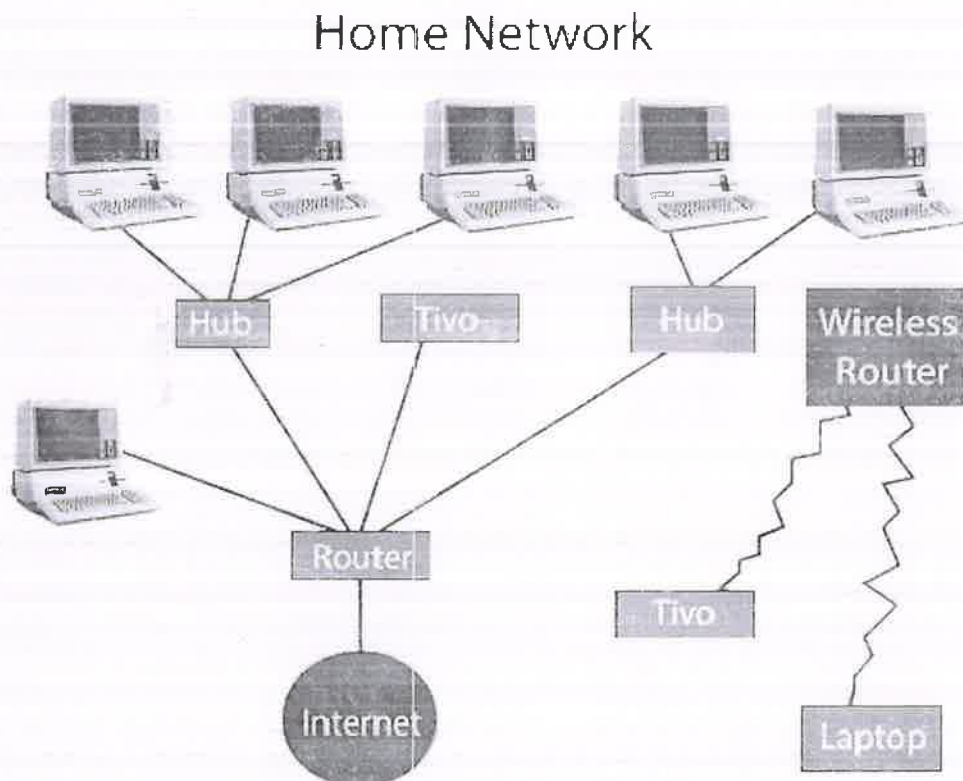
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A router is a device that connects two or more packet-switched networks or subnetworks. It serves two primary functions: managing traffic between these networks by forwarding data

packets to their intended IP addresses, and allowing multiple devices to use the same Internet connection.

There are several types of routers, but most routers pass data between LANs (local area networks) and WANs (wide area networks). A LAN is a group of connected devices restricted to a specific geographic area. A LAN usually requires a single router.

A WAN, by contrast, is a large network spread out over a vast geographic area. Large organizations and companies that operate in multiple locations across the country, for instance, will need separate LANs for each location, which then connect to the other LANs to form a WAN. Because a WAN is distributed over a large area, it often necessitates multiple routers and switches.



There are two types of tables in the router that are **static and dynamic**. The static routing tables are configured manually, and the dynamic routing tables are updated automatically by dynamic routers based on network activity.

Switches:

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Switches are networking devices operating at layer 2 or a data link layer of the OSI model. They connect devices in a network and use packet switching to send, receive or forward data packets or data frames over the network.

A switch has many ports, to which computers are plugged in. When a data frame arrives at any port of a network switch, it examines the destination address, performs necessary checks and sends the frame to the corresponding device(s). It supports unicast, multicast as well as broadcast communications.

Prepared by

Prof M.Rajakumaran M.E., (ph.D),

AP/CSE/EGSPEC

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DEPARTMENT OF CSE**

Two days Workshop on OS Installation and Basics of Computer Networks – 27/11/2021 to 28/11/2021

Feedback Form

Name: V. Raja Kumar

Designation: TA

Department: CSE

At the end of this training program, attendees can able to

S.NO	COURSE OUTCOME	COGNITIVE LEVEL	RATINGS			
			Highly Agree	Agree	Neutral	Disagree
CO1	Install OS from USB.	Apply	✓			
CO2	Understand basic OS functionalities.	Understand		✓		
CO3	Use ports, hub and switches effectively to form networks of systems.	Apply	✓			
CO4	Create LAN connection.	Apply	✓			
CO5	Sharing of resources using network.	Apply		✓		

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PRINCIPAL**

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Thethi, Nagore - 611 002.
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Signature of the Attendee

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Two days Workshop on OS Installation and Basics of Computer Networks – 27/11/2021 to 28/11/2021

Feedback Form

Name: **MATHURABASHINI R.**

Designation: **Librarian.**

Department: **Library.**

At the end of this training program, attendees can able to

S.NO	COURSE OUTCOME	COGNITIVE LEVEL	RATINGS			
			Highly Agree	Agree	Neutral	Disagree
CO1	Install OS from USB.	Apply	✓			
CO2	Understand basic OS functionalities.	Understand		✓		
CO3	Use ports, hub and switches effectively to form networks of systems.	Apply		✓		
CO4	Create LAN connection.	Apply	✓			
CO5	Sharing of resources using network.	Apply		✓		

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Signature of the Attendee

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DEPARTMENT OF CSE**

Two days Workshop on OS Installation and Basics of Computer Networks – 27/11/2021 to 28/11/2021

Feedback Form

Name: M. Karthika

Designation: L.A.

Department: ECE

At the end of this training program, attendees can able to

S.NO	COURSE OUTCOME	COGNITIVE LEVEL	RATINGS			
			Highly Agree	Agree	Neutral	Disagree
CO1	Install OS from USB.	Apply	✓			
CO2	Understand basic OS functionalities.	Understand		✓		
CO3	Use ports, hub and switches effectively to form networks of systems.	Apply		✓		
CO4	Create LAN connection.	Apply	✓			
CO5	Sharing of resources using network.	Apply		✓		

ATTESTED



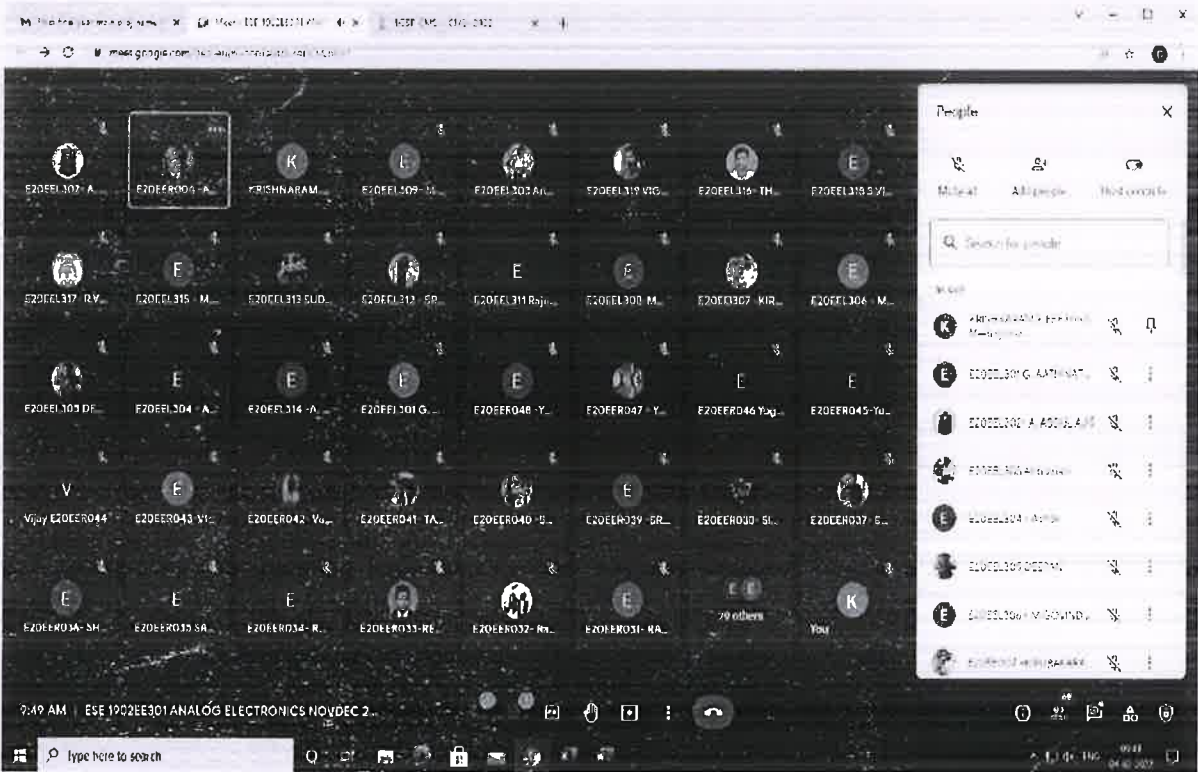
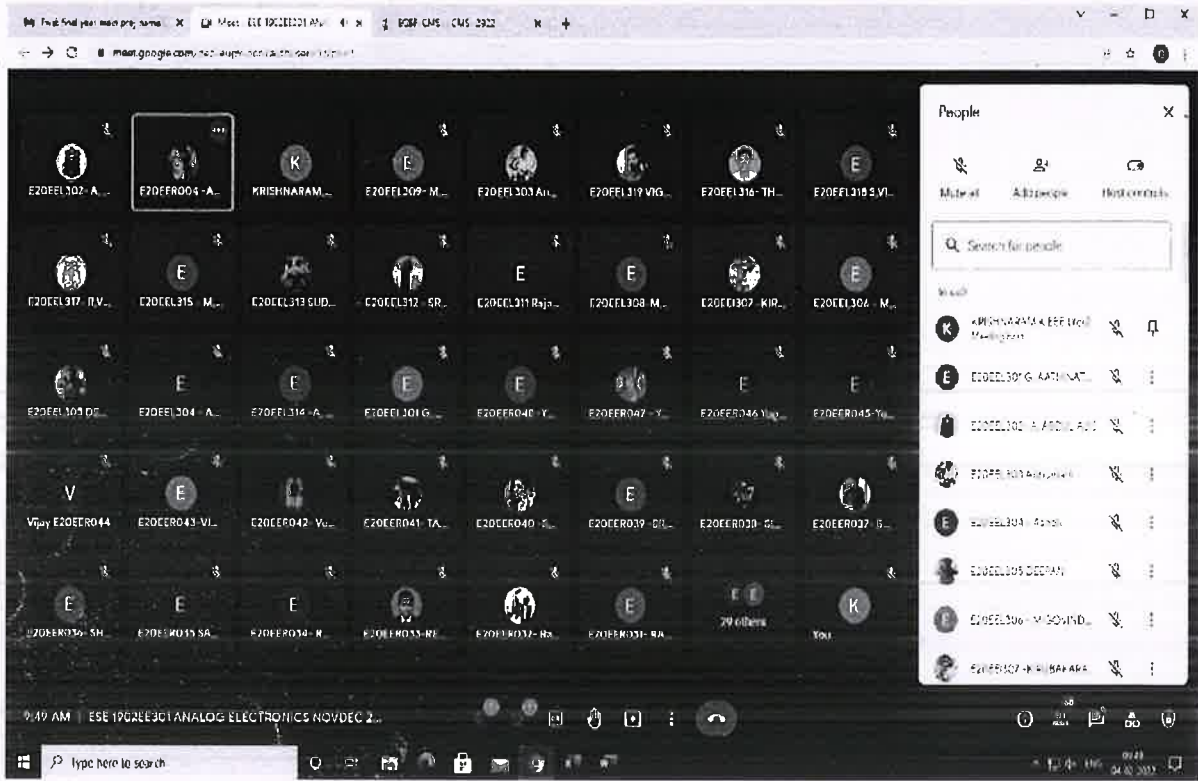
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PRINCIPAL**

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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.**

M. Karthika

Signature of the Attendee

SAMPLE PHOTOS



ATTESTED
[Signature]
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DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

R.MATHURABASHINI, LIBRARIAN

This is to certify that _____ of

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Participated in the **Two days Workshop on OS Installation and Network Basics for Lab Technicians** conducted by the department of Computer Science and Engineering from 27/11/2021 to 28/11/2021

K. Kalavani

Mrs.K.K.Kalaivani
Coordinator

[Signature]

Mr.M.Rajakumaran
Coordinator

[Signature]

Dr.M.Chinnadurai
Head & Convener

[Signature]

Dr.S.Kamaoaran
Principal

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DR.S.RAMASUBRAMANIAM, Ph.D.,
PRINCIPAL

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Thethi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu.

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This is to certify that **V.RAJAKUMAR, LAB TECHNICIAN/CIVIL** of _____

E.G.S PILLAY ENGINEERING COLLEGE

Participated in the **Two days Workshop on OS Installation and Network Basics for Lab Technicians** conducted by the department of Computer Science and Engineering from 27/11/2021 to 28/11/2021


Mrs.K.Kalaivani
Coordinator


Mr.M.Rajakumaran
Coordinator


Dr.M.Chinnadurai
Head & Convener


Dr.S.Kamavaran
Principal

ATTENDED

Dr.S. RAMABALAN, M.E., Ph.D.
PRINCIPAL

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Nagapattinam, (Dt), Tamil Nadu.



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A REPORT ON ONE DAY WORKSHOP

ON

TROUBLESHOOTING OF ELECTRICAL AND ELECTRONICS EQUIPMENTS



**ORGANIZED BY DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING**

DATE: 22nd January 2022

ATTESTED

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PRINCIPAL**

**E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.**

E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

A REPORT ON ONE DAY WORKSHOP

ON

TROUBLESHOOTING OF ELECTRICAL AND ELECTRONICS EQUIPMENTS

TABLE OF CONTENT

S.NO	PARTICULARS
1	Report
2	Approval Letter To Principal
3	Approval Letter To Secretary
4	Proposed Budget
5	Circular
6.	Invitation
7	Attendance
8.	Photos
9	Feedback From Participants
10	Participants certificates

ATTESTED


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Nagapattinam (Dt) Tamil Nadu.



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Accredited by NAAC with 'A' Grade

Department of Electrical and Electronics Engineering

(Accredited by NBA)

IQAC

A REPORT ON ONE DAY WORKSHOP

ON

TROUBLESHOOTING OF ELECTRICAL AND ELECTRONICS EQUIPMENTS

Initially, Department of EEE, E.G.S.Pillay Engineering College, Nagapattinam is planned to organize a lecture workshop for non-teaching faculty members of E.G.S. pillay group of institutions and through discussions it was coined as "Safety Measures and Energy Conservation". The program was jointly organized by internal quality assurance cell (IQAC). The coordinators identified for this workshop are Prof.K.Nandakumar, Prof S.Sivamani of EEE department

Internal Experts Dr.V.Mohan. Professor/HOD/EEE, Dr.T.Suresh Padmanabhan. Professor/EEE, Dr. D.Elayaraja Professor/MECH and Mr. K.Nandakumar Assistant Professor/EEE was fixed to handle the sessions. The session was inaugurated by the Hon'ble secretary of the Institution Shri.S.Pamesvaran, Principal Dr.S.Ramabalan and controller of Examination Dr.M.Chinnadurai. Prof S.Sivamani welcomed the gathering and followed by inaugural speech by Dr.V.Mohan, HOD/EEE

The session was started by the Internal Expert Mr. K.Nandakumar with the lecture and demo on "Fire and Safety" which is followed with the lecture on electrical safety by Dr. T.Suresh Padmanabhan on "Electrical safety". Dr. D.Elayaraja started the afternoon session with the lecture on "Safety-Mechanical engineering perspective". The final session was handled by Dr. V.Mohan with the lecture on "Energy conservation". He created an impact and awareness about need for power conservation and its benefits.

Finally, certificates were distributed to all the participants and vote of thanks was proposed by one of the program coordinator Prof. K.Nandakumar of the department of EEE.

1. K. Nandakumar
2. S. Sivamani

COORDINATORS

(Mr.K.Nandakumar & Mr. S.Sivamani)

V. Mohan

HOD/EEE

(Dr.V.Mohan)

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**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL**

**E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.**

Nagapattinam,

10.01.2022

From

Dr.V.Mohan,
Professor & Head - EEE,
Dept. of Electrical and Electronics Engineering,
E.G.S.Pillay Engineering College,
Nagapattinam.

To

The Principal,
E.G.S.Pillay Engineering College,
Nagapattinam.

Respected Sir,

Sub: Requesting permission to conduct one day workshop on “**Troubleshooting of electrical and electronics equipments (TREE’22)**” on 22nd January 2022 – Reg.,

In association with IQAC, we are planning to organize a one day workshop on “**Troubleshooting of electrical and electronics equipments (TREE’22)**” on 22nd January 2022 for all technical assistant/supporting staff. Internal faculties have been confirmed to handle the sessions. To organize this lecture, we seek your permission and we need an amount **Rs. 6,625/- (Rupees six thousand six hundred twenty five only)** for organizing this workshop successfully. So, kindly approve for the above said fund towards this workshop.

Thanking You.

Encl Details:

1. Schedule of the Course.
2. Estimated Budget.

Yours sincerely,



(Dr.V.Mohan)

ATTESTED


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

Nagapattinam,

10.01.2022

From

Dr.V.Mohan,
Professor & Head - EEE,
Dept. of Electrical and Electronics Engineering,
E.G.S.Pillay Engineering College,
Nagapattinam.

To

The Hon'ble Secretary,
E.G.S.Pillay Engineering College,
Nagapattinam.

Respected Sir,

Sub: Requesting permission to conduct one day workshop on "**Troubleshooting of electrical and electronics equipments (TREE'22)**" on 22nd January 2022 – Reg.,

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Thanking You.

Encl Details:

3. Schedule of the Course.
4. Estimated Budget.

Yours sincerely,



(Dr.V.Mohan)

ATTESTED


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

(i) **Schedule:**

Date	Time	Session details	Resource Person
22.01.2022	9.30am - 10.00am	Inauguration	-
	10.00am - 11.00am	Electrical safety	Dr.T.Suresh Padmanabhan. Professor/EEE
	11.00am - 11.15am	Tea break	-
	11.15am - 12.35pm	Safety- Mechanical engineering perspective	Dr.D.Elayaraja. Professor/MECH
	12.35pm - 1.15pm	Lunch	-
	1.15pm - 2.55pm	Fire and Safety	Mr.K.Nandakumar. Assistant Professor/EEE
	2.55pm - 3.05pm	Tea break	-
	3.05pm - 4.30pm	Energy conservation	Dr.V.Mohan. Professor/EEE

(ii) **Participants details:**

Participants details	Maximum Number of participants
All Technical Assistant/Supporting staff	40

(iii) **Estimated Budget**

Sl.NO	ITEMS DESCRIPTION	QUANTITY REQUIRED	AMOUNT / QUANTITY IN RS.	ESTIMATED AMOUNT IN RS.
1.	Tea & Snacks	40	30	1200
2.	Flex	1	-	300
3.	Media	-	300 (2 papers)	600
4.	Invitation & report preparation	-	300	300
5.	Certificate	40	10	400
6.	Food for participants	45 persons	70	3150
7.	Workshop Kit	45	15	675
Total Amount				6625

Resource Person	Convener	Program Coordinators
Dr.V.Mohan. Professor/EEE Dr.T.Suresh Padmanabhan. Professor/EEE Dr. D.Elayaraja Professor/MECH Mr. K.Nandakumar Assistant Professor/EEE	Dr.V.Mohan, Professor & Head - EEE	Mr.K.Nandakumar, AP/EEE Mr. S.Sivamani, AP/EEE

ATTESTED


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi. Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.



E.G.S. PILLAY ENGINEERING COLLEGE, Nagapattinam
(Autonomous)

Accredited by NAAC with 'A' Grade

Department of Electrical and Electronics Engineering

(Accredited by NBA)

CIRCULAR

IQAC

Date: 10-01-22.

We are happy to announce that a one day workshop “**Troubleshooting of electrical and electronics equipments (TREE'22)**” is going to be organized by the department of EEE in association with IQAC on 22nd January 2012 for all technical assistant/supporting staff of our Institution. All technical assistant/supporting staff and also interested faculty members are requested to register their names to Mr.K.Nandakumar and Mr.S.Sivamani, AP/EEE on or before 15.01.2022.

HOD/EEE

Principal

- Copy to: 1. The Honorable Secretary, EGSPEC
2. The Principal, EGSPEC
3. All Department Notice Board



E.G.S. PILLAY ENGINEERING COLLEGE, Nagapattinam
(Autonomous)

Accredited by NAAC with 'A' Grade

Department of Electrical and Electronics Engineering

(Accredited by NBA)

CIRCULAR

IQAC

Date: 10-01-22.

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HOD/EEE

Principal

- Copy to: 1. The Honorable Secretary, EGSPEC
2. The Principal, EGSPEC
3. All Department Notice Board

ATTESTED

**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL**

**E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu**



**E.G.S. PILLAY ENGINEERING COLLEGE
(AUTONOMOUS)
NAGAPATTINAM - 611 002**

Accredited by NAAC with 'A' grade, Accredited by NBA (EEE, CSE & MECH)
Approved by AICTE - New Delhi, Affiliated to Anna University, Chennai



One day Workshop

on

**TROUBLESHOOTING OF ELECTRICAL AND ELECTRONICS
EQUIPMENTS (TREE'22)**


Organized by

Department of Electrical & Electronics Engineering

Venue: Power Electronics Lab

22nd January 2022

ATTESTED


**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.**



E.G.S. PILLAY ENGINEERING COLLEGE, Nagapattinam

(Autonomous)

Accredited by NAAC with 'A' Grade

Department of Electrical and Electronics Engineering

(Accredited by NBA)



ONE DAY WORKSHOP ON TROUBLESHOOTING OF ELECTRICAL AND ELECTRONICS EQUIPMENTS (TREE'22)

Date: 22.01.2022

Venue: Power Electronics Lab

ATTENDANCE

S.NO	STAFF NAME	DEPARTMENT	FN	AN
1	P. Joseph	MECH	S. Joseph	P. Joseph
2	T. Koothivalan	CIVIL	T. Koothivalan	T. Koothivalan
3	Moona	ACCOUNTS	Moona	Moona
4	S. Venkatesan	ECE	S. Venkatesan	S. Venkatesan
5	T. KALIVAMOORTHY	ACCOUNTS	T. Kalivamorthy	T. Kalivamorthy
5	D. Velavan	Principle officer	D. Velavan	D. Velavan
8	M. Kirthika	ECE	M. Kirthika	M. Kirthika
6	V. Geetha		V. Geetha	V. Geetha
6	M. Kalai Vani	ACCOUNTS	M. Kalai Vani	M. Kalai Vani
7	S. Prithvi	CSE	S. Prithvi	S. Prithvi
8	T. Mahesh	MBA	T. Mahesh	T. Mahesh
9	haleshvari	MBA	haleshvari	haleshvari
10	M. Sagarajan	ECE	M. Sagarajan	M. Sagarajan
11	J. ABIRAMI		J. Abirami	J. Abirami
12	RAJ M. K.	ECE	Raj M. K.	Raj M. K.
13	K. RAJAKIRITHI	CDE	K. Rajakirithi	K. Rajakirithi
14	M. Ananthani	ECE	M. Ananthani	M. Ananthani
15	S. RAMU	MECH	S. Ramu	S. Ramu
16	S. Sridharani	CSE	S. Sridharani	S. Sridharani
17	K. Govidhan	Princ	K. Govidhan	K. Govidhan
18	N. Prasanth	CIVIL	N. Prasanth	N. Prasanth
19	V. RAJAKUMAR	CIVIL	V. Rajakumar	V. Rajakumar
20	N. Saravanan	CIVIL	N. Saravanan	N. Saravanan
21	S. Ravi	CIVIL	S. Ravi	S. Ravi
22	C. Praveen	Principle officer	C. Praveen	C. Praveen
23	Chowdhury	CDE	Chowdhury	Chowdhury

(Signature)
HOD/EEE
(Dr.V.Mohan)

ATTESTED
(Signature)
Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

Electrical Safety Lecture by Dr. T. Suresh Padmanabhan



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PRINCIPAL**

**E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.**

PARTICIPANT FEEDBACK FORM

Program : One day Workshop
 Title : Troubleshooting Of Electrical And Electronics Equipments (Tree'19)
 Date : 22.01.2022
 Coordinators : Mr.K.Nandakumar & Mr.S. Sivamani
 Organizer : Department of Electrical and Electronics Engineering
 Institution : E.G.S. Pillay engineering College

Instruction: Please indicate your level of agreement with the statements listed below in scores ranging from 5-1

S.No	Parameters	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1	The objectives of the course were clearly defined	✓				
2	Participation and interaction were encouraged	✓				
3	Topics covered were relevant to the programme		✓			
4	The content was organized and easy to follow	✓				
5	The content is easy to understand useful to analyze		✓			
6	This course experience will be useful in my teaching/ research	✓				
7	Lectures were very informative on current state of art design and useful to apply the concepts	✓				
8	The programme objectives were met	✓				
9	Time allotted for topics were sufficient	✓				
10	The learning environment and facilities were adequate and comfortable	✓				

Overall rating: Excellent (E) / Good (G) / Satisfactory(S) / Poor (P)

11	What did you like most about this programme? <i>The interaction were encouraged.</i>
12	What are the things to be added for improvement? <i>Time allotted for workshop can be extended coming inauguration.</i>
13	Any more suggestions to improve the programme <i>No</i>

Thanks for your valuable feedback

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
 E.G.S. Pillay Engineering College,
 Thethi, Nagore - 611 002.
 Nagapattinam (Dt) Tamil Nadu

PARTICIPANT FEEDBACK FORM

Program : Two days workshop
 Title : Troubleshooting Of Electrical And Electronics Equipments (Tree'19)
 Date : 22.01.2022
 Coordinators : Mr.K.Nandakumar & Mr.S. Sivamani
 Organizer : Department of Electrical and Electronics Engineering
 Institution : E.G.S. Pillay engineering College

Instruction: Please indicate your level of agreement with the statements listed below in scores ranging from 5-1

S.No	Parameters	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1	The objectives of the course were clearly defined	↗				
2	Participation and interaction were encouraged		↗			
3	Topics covered were relevant to the programme	↗				
4	The content was organized and easy to follow		↗			
5	The content is easy to understand useful to analyze	↗				
6	This course experience will be useful in my teaching/ research		↗			
7	Lectures were very informative on current state of art design and useful to apply the concepts	↗				
8	The programme objectives were met	↗				
9	Time allotted for topics were sufficient	↗				
10	The learning environment and facilities were adequate and comfortable	↗ ↗				

Overall rating: Excellent (E) / Good (G) / Satisfactory(S) / Poor (P)

11	What did you like most about this programme? <div style="text-align: center; font-family: cursive;">Time allotted for topics were sufficient</div>
12	What are the things to be added for improvement? <div style="text-align: center;">-</div>
13	Any more suggestions to improve the programme <div style="text-align: center;">-</div>

Thanks for your valuable feedback


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
 E.G.S. Pillay Engineering College,
 Thethi, Nagore - 611 002.
 Nagapattinam (Dt) Tamil Nadu.

PARTICIPANT FEEDBACK FORM

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2	Participation and interaction were encouraged		✓			
3	Topics covered were relevant to the programme	✓				
4	The content was organized and easy to follow		✓			
5	The content is easy to understand useful to analyze	✓				
6	This course experience will be useful in my teaching/ research		✓			
7	Lectures were very informative on current state of art design and useful to apply the concepts	✓				
8	The programme objectives were met	✓				
9	Time allotted for topics were sufficient	✓				
10	The learning environment and facilities were adequate and comfortable	✓				

Overall rating: Excellent (E) / Good (G) / Satisfactory(S) / Poor (P)

11	What did you like most about this programme? <div style="text-align: center; font-family: cursive;">The course experience was useful.</div>
12	What are the things to be added for improvement? <div style="text-align: center;">—</div>
13	Any more suggestions to improve the programme <div style="text-align: center;">—</div>

Thanks for your valuable feedback

ATTESTED

**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL**

**E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.**

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2	Participation and interaction were encouraged		✓			
3	Topics covered were relevant to the programme	✓				
4	The content was organized and easy to follow		✓			
5	The content is easy to understand useful to analyze	✓				
6	This course experience will be useful in my teaching/ research		✓			
7	Lectures were very informative on current state of art design and useful to apply the concepts	✓				
8	The programme objectives were met	✓				
9	Time allotted for topics were sufficient	✓				
10	The learning environment and facilities were adequate and comfortable	✓				

Overall rating: Excellent (E) / Good (G) / Satisfactory(S) / Poor (P)

11	What did you like most about this programme? <i>lectures were informative</i>
12	What are the things to be added for improvement? -
13	Any more suggestions to improve the programme -

Thanks for your valuable feedback

ATTESTED

**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL**

E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.



E.G.S PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM - 611002

Accredited by NAAC with 'A' Grade | Accredited by NBA (EEE, MECH, CSE)
Approved by AICTE - New Delhi and Affiliated to Anna University - Chennai



Organized by Two days workshop on **TROUBLESHOOTING OF ELECTRICAL AND ELECTRONICS EQUIPMENTS**



Organized by

Department of Electrical & Electronics Engineering



Certificate



M.NAGARAJAN

This is to certify that **Mr. / Ms. / Mrs.**
of **E.G.S.Pillay Engineering College Nagapattinam** has attended two days workshop on
TROUBLESHOOTING OF ELECTRICAL AND ELECTRONICS EQUIPMENTS on

22-01-2022 January 2019.

Handwritten signature
CONVENER

ATTESTED

Handwritten signature

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College,
Thethi, Nagore - 611002

Nagapattinam (Dr) Tamil Nadu

Handwritten signature
PRINCIPAL



E.G.S PILLAY ENGINEERING COLLEGE (AUTONOMOUS)



NAGAPATTINAM - 611002

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Two days workshop on

TROUBLESHOOTING OF ELECTRICAL AND ELECTRONICS EQUIPMENTS



Organized by

Department of Electrical & Electronics Engineering



Certificate



This is to certify that Mr. / Ms. / Mrs.

A.KEERTHIKA

of E.G.S.Pillay Engineering College Nagapattinam has attended two days workshop on
TROUBLESHOOTING OF ELECTRICAL AND ELECTRONICS EQUIPMENTS on
22-01-2022 January 2019.

Unnikrishnan
CONVENER

ATTESTED

[Signature]

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

[Signature]

PRINCIPAL



E.G.S. PILLAY ENGINEERING COLLEGE, NAGAPATTINAM

(An Autonomous Institution)

**Affiliated to Anna University, Chennai | Approved by AICTE, New Delhi
Accredited by NAAC with "A" Grade | An ISO 9001:2015 Certified Institution**

25
YEARS OF
EXCELLENCE



A REPORT ON ONE DAY WORKSHOP

ON

ICU Equipment's

Organized

by

Department of Biomedical Engineering

25 October 2021

Time: 10.00 AM – 4.00 PM

ATTESTED


**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL**

**E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu.**

E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM

DEPARTMENT OF BIOMEDICAL ENGINEERING

A REPORT ON ONE DAY WORKSHOP

ON

ICU Equipment's

TABLE OF CONTENTS

S.NO	PARTICULARS
1.	Report
2.	Approval letter to Principal
3.	Circular
4.	Attendance
5.	Photos
6.	Certificates
7.	Feedback form from participants

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu.



E.G.S. PILLAY ENGINEERING COLLEGE, NAGAPATTINAM

(Autonomous)

Accredited by NAAC with 'A' Grade

Department of Biomedical Engineering

A REPORT ON ONE DAY WORKSHOP

ON

ICU Equipments

Department of BME, E.G.S.Pillay Engineering College, Nagapattinam is planned to organize a workshop for teaching faculty members of E.G.S. pillay group of institutions and through discussions it was coined as "ICU Equipments". The coordinators identified for this workshop are Prof. R.Ganesan of BME department.

The session was inaugurated by the Hon'ble secretary of the Institution Shri.S.Pamesvaran, and the E. G. S. Pillay trust member Mr. S. Sankarganesh, Principal Dr. S. Ramabalan and Controller of Examination Dr. M. Chinnadurai, Prof R.Ganesan welcomed the gathering by his inaugural speech.

The session was started by the Internal Expert Prof R.Ganesan with the hand on training on ICU Equipments. He created an impact and awareness about the devices in Intensive care unit and its biomedical benefits.

Finally, certificates were distributed to all the participants and vote of thanks was proposed by one of the program coordinator Prof. R.Ganesan of the department of BME.

HOD/BME

(Dr. R.Ganesan)

Dr. R. GANESAN, M.E., Ph.D.,
Professor,
Department of Biomedical Engineering,
E.G.S. Pillay Engineering College,
Nagapattinam - 611 002.

ATTESTED
ATTESTED

DR. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu

20-10-2021,
Nagapattinam.

From

The HOD,
Dept of Biomedical engineering,
E.G.S.Pillay engineering college,
Nagapattinam.

To

The Principal,
E.G.S.Pillay engineering college,
Nagapattinam.

[Handwritten signature]
20/10/21

Respected sir,

Sub: requesting for conducting hands on training- regarding

Sir, we in our biomedical engineering department, have planned to conduct a hands on training on the topic "ICU Equipments" on 25/10/2021. So, I kindly request to give permission to organize the above mentioned one day training program.

Thank you sir

Yours faithfully

[Handwritten signature]

Dr. R. GANESAN, M.E., Ph.D.,
Professor,
Department of Biomedical Engineering,
E.G.S. Pillay Engineering College,
Nagapattinam - 611 002.



ATTESTED
ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

E.G.S. PILLAY ENGINEERING COLLEGE

(Autonomous)

Accredited by NAAC with 'A' Grade


Department of Biomedical Engineering

CIRCULAR

Date: 23-10-2021

We are happy to announce that a one day workshop on "ICU Equipments" is going to be organized by the department of BME on 25 October 2021 for all teaching staff of our Institution. All interested faculty members are requested to attend the program.

Venue : Diagnostic and Equipments Lab


(Dr. R. Ganesan)

HOD/BME

Dr. R. GANESAN, M.E., Ph.D.,
Professor,
Department of Biomedical Engineering,
E.G.S. Pillay Engineering College,
Nagapattinam - 611 002.

ATTESTED


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

E.G.S PILLAY ENGINEERING COLLEGE

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Chennai. Accredited by NAAC with "A" Grade | Accredited by NBA
(CSE, EEE, MECH)**

NAGAPATTINAM-611002

DEPARTMENT OF BIOMEDICAL ENGINEERING

Hands on Training workshop on

"ICU EQUIPMENTS "

25 OCTOBER 2021

**HANDS ON TRAINING ON ICU EQUIPMENTS
ONE DAY WORKSHOP**

*To get familiar with the diagnostic
and therapeutic equipments used in ICU*

**25th
October 2021**

9am - 5pm
BME dept,
E.G.S.P.E.C,
Nagapattinam
Registration Fee Rs 600/-
(Workshop With
Certificate including food)

Theory & Practical on:

- ICU ventilator
- Defibrillator
- Patient monitor
- Syringe pump
- Infusion pump
- ECG

**CONVENOR
Dr.R.Ganesan
HOD / BME**

**PRINCIPAL
Dr.S. Ramabalan
E.G.S.P.E.C**


ATTESTED

**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002
Nagapattinam (Dt) Tamil Nadu.**

HANDS ON TRAINING ON ICU EQUIPMENTS ONE DAY WORKSHOP

To get familiar with the diagnostic
and therapeutic equipments used in ICU.

25th
October 2021

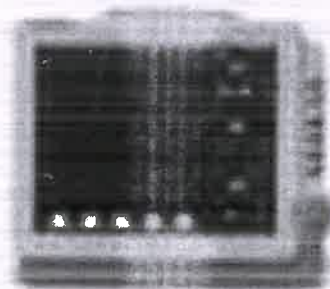
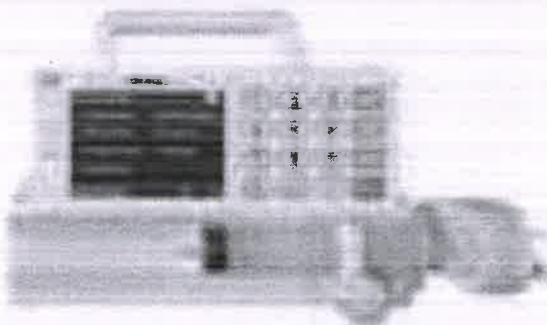
 9am - 5pm

 BME dept,
E.G.S.P.E.C,
Nagapattinam

Regd Fee Rs: 600/-
(Workshop with
Certificate including food)

Theory & Practical on:

- ICU ventilator
- Defibrillator
- Patient monitor
- Syringe pump
- Infusion pump
- ECG



In Association with:



ATTESTED


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu.

E.G.S PILLAY ENGINEERING COLLEGE

Department of Biomedical Engineering


Enrolled list for the Hands on Training workshop on

“ICU EQUIPMENTS “

S.NO	Faculty name	Department
1.	Dr. R.Ganesan	BME
2.	Dr. Prathish raja.B	BME
3.	Mr. K.Kalanithi	BME
4.	Ms.Kamali.P	BME
5.	Ms.R.Kiruthika	BME
6.	Mr. Sundar Raj	ECE
7.	Ms. Shandhosh shree	ECE
8.	Ms. S.Chitra	ECE
9.	Mr.Devarajan.D	ECE
10.	Mr. Rajaram.A	ECE
11.	Mr. Raj Kumar	CSE
12.	Ms.Vennila	CSE
13.	Ms. Lavanya	IT
14.	Mr. Palanimurugan.S	CSE
15.	Mr. Anakath.A.S	CSE
16.	Mr.T.Suresh Padmanabhan	EEE
17.	Mr.P.J.SureshBabu	EEE
18.	Ms. S.Latha	EEE
19.	Ms.Deepa R	SAH
20.	Ms.Geetha	SAH

ATTESTED
ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
E.G. Thekkai Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu.
Nagapattinam (Dt) Tamil Nadu.


DR.R.GANESAN
HOD / BME

Dr. R. GANESAN, M.E., Ph.D.,
Professor,
Department of Biomedical Engineering,
E.G.S. Pillay Engineering College,
Nagapattinam - 611 002.

E.G.S PILLAY ENGINEERING COLLEGE

Department of Biomedical Engineering

Hands on Training workshop on

“ICU EQUIPMENTS “

Attendance sheet 25th OCT,2021

S.NO	Faculty name	Department	Signature
1.	Dr. R.Ganesan	BME	G. Ganesan
2.	Dr. Prathish raja.B	BME	Prathish Raja
3.	Mr. K.Kalanithi	BME	Kalanithi
4.	Ms.Kamali.P	BME	Kamali
5.	Ms.R.Kiruthika	BME	Kiruthika
6.	Mr. Sundar Raj	ECE	Sundar Raj
7.	Ms. Shandhosh shree	ECE	Shandhosh Shree
8.	Ms. S.Chitra	ECE	S.Chitra
9.	Mr.Devarajan.D	ECE	Devarajan D
10.	Mr. Rajaram.A	ECE	Rajaram A
11.	Mr. Raj Kumar	CSE	Raj Kumar
12.	Ms.Vennila	CSE	Vennila
13.	Ms. Lavanya	IT	Lavanya
14.	Mr. Palanimurugan.S	CSE	Palanimurugan S

ATTESTED

D.F.S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College

Thethi, Nagore - 611 001

Nagapattinam (Dist. Thanjavur) Tamil Nadu

15.	Mr. Anakath.A.S	CSE	<i>Anakath</i>
16.	Mr.T.Suresh Padmanabhan	EEE	<i>Suresh</i>
17.	Mr.P.J.SureshBabu	EEE	<i>S.P.J.</i>
18.	Ms. S.Latha	EEE	<i>Latha</i>
19.	Ms.Deepa R	SAH	<i>Deepa</i>
20.	Ms.Geetha	SAH	<i>Geetha</i>

u. h. d.
DR.R.GANESAN
HOD / BME

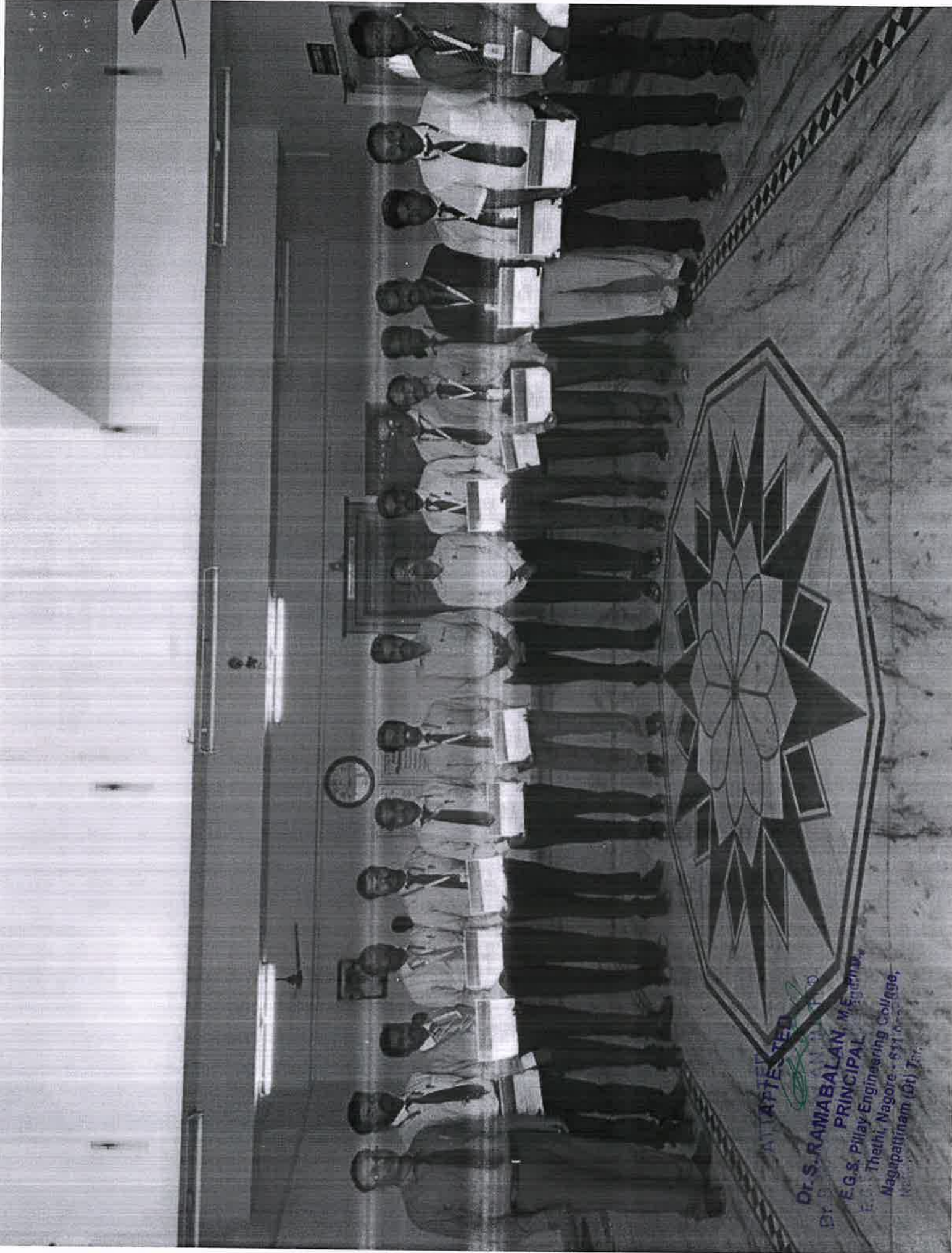
Dr. R. GANESAN
 Professor,
 Department of Biomedical Engineering,
 E.G.S. Pillay Engineering College,
 Nagapattinam - 611 002.

ATTESTED
[Signature]
Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
E.G. Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu,
 Nagapattinam (Dt) Tamil Nadu.



ALLEGED

Dr. S. ... A.M. M.B. Ph.D.,
College,
92
Nigeria



ATTTESTED
Dr. S. RAMABALAN, M.Sc., M.Phil.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 005, Tamil Nadu,
Magapattinam (Dt), TN.

Department of Biomedical Engineering



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Engineering College

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Old Nagore Road, Nagapattinam - 611 002, Tamilnadu
Counselling Code : 3808 | Phone : +91 -4365-25112/14 | principal@egspec.org/enquires@egspec.org

CERTIFICATE OF APPRECIATION

This is to certify that

Ms.Anusha.T, Assistant Professor, BME,


E.G.S. Pillay Engineering College, Nagapattinam

Has participated hands on Training workshop on

“ICU EQUIPMENTS “

during 25 October 2021 conducted by

Department of Biomedical Engineering, E.G.S. Pillay Engineering College


Dr. R. Ganesan
Professor &
HOD Biomedical



Dr. S. Ramabalan
Engineering
Principal



Dr. S. Chandrasekar
CEO


ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL,
E.G.S. Pillay Engineering College,
Thiruv. Nagore - 611 002,
Nagapattinam (DT) Tamil Nadu.

Department of Biomedical Engineering



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CERTIFICATE OF APPRECIATION

This is to certify that

Mrs.R.Kiruthika, Assistant Professor, BME,

E.G.S. Pillay Engineering College, Nagapattinam

Has participated hands on Training workshop on

“ICU EQUIPMENTS “

during 25 October 2021 conducted by

Department of Biomedical Engineering, E.G.S. Pillay Engineering College

Dr. R. Ganesan

**Dr.R.Ganesan
Professor &
HOD Biomedical**

Dr. S. Ramabalan

**Dr.S.Ramabalan
Engineering
Principal**

Dr. S. Chandrasekar

**Dr.S.Chandrasekar
CEO**

ATTESTED

Dr. S. Ramasalan

**Dr. S. RAMASALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu**

Department of Biomedical Engineering



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+91-4365-25112/14 | principal@egspec.org/enquires@egspec.org

CERTIFICATE OF APPRECIATION

This is to certify that

Mr. Vikraman.N, Assistant Professor, BME,

E.G.S. Pillay Engineering College, Nagapattinam

Has participated hands on Training workshop on

“ICU EQUIPMENTS “

during 25 October 2021 conducted by

Department of Biomedical Engineering, E.G.S. Pillay Engineering College

Dr. R. Ganesan

**Dr.R.Ganesan
Professor &
HOD Biomedical**

Dr. S. Ramabalan

**Dr.S.Ramabalan
Engineering
Principal**

Dr. S. Chandrasekar

**Dr.S.Chandrasekar
CEO**

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Dr. S. Ramabalan

**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL**

**E.G.S Pillay Engineering College,
Old Meenore - 611 002,
Nagapattinam (TN) Tamil Nadu**

Department of Biomedical Engineering



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This is to certify that

Ms.Kamali.P, Assistant Professor, BME,


E.G.S. Pillay Engineering College, Nagapattinam

Has participated hands on Training workshop on

“ICU EQUIPMENTS “

during 25 October 2021 conducted by

Department of Biomedical Engineering, E.G.S. Pillay Engineering College



Dr. R. Ganesan
Professor &
HOD Biomedical



Dr. S. Ramabalan
Engineering
Principal



Dr. S. Chandrasekar
CEO

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Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

Hands on Training workshop on
"ICU EQUIPMENTS "25th OCT,2021

Participant Feedback Form

We ask that you take a moment to provide your feedback. Your responses are anonymous and will be used to improve future training methods. Your feedback is important to us.

Participant name: Mn:Kamali.P Dept: BME Mobile: 6382502186

Evaluation Report

This section helps us understand how future training may need to be adjusted to best respond to participants' needs.

On a scale of 1-4 where 1 is **strongly disagree** and 4 is **strongly agree**, please circle the most appropriate answer:

1. The workshop **venue** was:
- Strongly disagree – strongly agree*
- a) Comfortable 1 2 **3** 4
- b) Well located 1 2 3 **4**
- Comments: _____

2. The workshop **content** was:
- a) Relevant 1 2 3 **4**
- b) Comprehensive 1 2 3 **4**
- c) Easy to understand 1 2 **3** 4
- Comments: _____

3. Workshop **handouts**:
- a) Supported presentation material 1 2 **3** 4
- b) Provided useful additional information 1 2 **3** 4
- c) Were clear and well-organized 1 2 3 **4**
- Comments: _____

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Dr. S. RAMABALAN, M.E., Ph.D.,
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E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu.

Hands on Training workshop on
"ICU EQUIPMENTS "25th OCT,2021

Participant Feedback Form

We ask that you take a moment to provide your feedback. Your responses are anonymous and will be used to improve future training methods. Your feedback is important to us.

Participant name: Ms. Anusha T Dept: BME Mobile: 6382693117

Evaluation Report

This section helps us understand how future training may need to be adjusted to best respond to participants' needs.

On a scale of 1-4 where 1 is **strongly disagree** and 4 is **strongly agree**, please circle the most appropriate answer:

1. The workshop **venue** was: *Strongly disagree – strongly agree*
- a) Comfortable *Strongly disagree – strongly agree*
1 2 **3** 4
- b) Well located 1 2 3 **4**
- Comments: _____

2. The workshop **content** was:
- a) Relevant 1 2 **3** 4
- b) Comprehensive 1 2 **3** 4
- c) Easy to understand 1 2 3 **4**
- Comments: _____

3. Workshop **handouts**:
- a) Supported presentation material 1 2 3 **4**
- b) Provided useful additional information 1 2 **3** 4
- c) Were clear and well-organized 1 2 **3** 4
- Comments: _____

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Dr. S. RAMABALAN, M.E., Ph.D.,
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Nagapattinam (Dt) Tamil Nadu.



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DEPARTMENT OF CIVIL ENGINEERING



**Precious Enlightening Association of Civil Engineering
(PEACE)
and
Bureau of Indian Standards**

Jointly organized

National Webinar on

**“National Building Code of India 2016
and Important Standards in Civil Engineering”**

27th July 2021

ATTESTED


Dr. S. RAMABALAN, M.E., Ph.D.,
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DEPARTMENT OF CIVIL ENGINEERING

National Webinar on

“National Building Code of India 2016 and Important Standards in Civil Engineering”

SL.NO	CONTENTS
1	Vision, Mission, PEO, PSO AND PO Statements
2	Summary of the Event
3	Approval Letters & Circulars
4	Invitation & Agenda
5	Participants Name List & Attendance
7	Sample Photos
8	Feedback Forms
9	Certificate

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Dr. S. RAMABALAN, M.E., Ph.D.,
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DEPARTMENT OF CIVIL ENGINEERING

DEPARTMENT VISION

To evolve as a Centre of excellence by imparting quality technical education and promote research to meet the emerging challenges in the field of Civil Engineering.

DEPARTMENT MISSION

The Civil Engineering department is committed to

- M1:** Provide quality education through innovative teaching and learning practices
- M2:** Encourage faculty and students to pursue higher education and carry out socially relevant innovative research thereby establishing centers of excellence in emerging areas of research.
- M3:** Offer consultancy services using state-of-the-art facilities fulfilling the needs of the industry and society.
- M4:** Enable our students and faculty to play leadership roles in a sustainable manner by adopting professional ethics, entrepreneurship activities, interpersonal skills and a lifelong learning attitude.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO's)

After successful completion of the programme, Graduates will be able to

- PEO1:** Become a successful Civil Engineer to meet the demand-driven needs in the field of Civil Engineering and related profession or pursue higher study and research or become an entrepreneur.
- PEO2:** Develop core competence by analyzing and design of Civil engineering systems with social awareness and responsibilities.
- PEO3:** Build professionalism, ethical approach, communication skills, and teamwork in their profession and adapt to modern trends by engaging in lifelong learning.

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PRINCIPAL**

**E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.**

PROGRAMME OUTCOMES (POs):

After successful completion of the programme, Graduates will be able to

- PO1** Application knowledge of mathematics, science, engineering fundamentals
- PO2** Problem Analysis.
- PO3** Design and Development of Solutions
- PO4** Conduct investigations by designing experiments, analysis and interpretation of data and synthesis of information to provide valid conclusions
- PO5** Modern Tool Usage
- PO6** Assessing societal, health, safety, legal and cultural issues
- PO7** Examining Environmental impact and Sustainability
- PO8** Commitment to professional ethics.
- PO9** Function effectively as an individual, and as a member or leader in diverse teams and in multi-disciplinary settings
- PO10** Communicate effectively at oral, written, and presentation level
- PO11** Examine Project Management and Financial aspects
- PO12** Instil Life-long Learning

PROGRAMME SPECIFIC OUTCOMES (PSOs):

After successful completion of the programme, students will be able to

PSO1: Analyze the effects of natural calamities like Tsunami, storms, earthquakes, landslides etc. in design of stable structures.

PSO2: Use eco-friendly materials and mechanisms for sustainable and life-line infrastructures.

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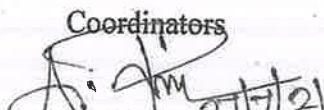
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DEPARTMENT OF CIVIL ENGINEERING

National Webinar on “National Building Code of India 2016 and Important Standards in Civil Engineering” REPORT

One day Online Webinar on “National Building Code of India 2016 and Important Standards In Civil Engineering” has been conducted for our Faculties is organized by PEACE association, Department of Civil Engineering, E.G.S. Pillay Engineering College, Nagapattinam in association with Bureau of Indian Standards, New Delhi. The program was conducted on 27th July 2021. Our Head of the Department, **Dr.S.Anand Kumar Varma, M.E.,Ph.D.**, welcomes the Chief guest & Speaker. Our esteemed Principal **Dr.S.Ramabalan.,M.E.,Ph.D.**, gave wonderful support. The event coordinator **Mr.S.Shyam Sundar, AP/Civil** introduced the Chief guest & Speaker to the participants. Our Chief Guest **Shri.Jayantha Raw Chowdry, Ph.D.**, (Director, Value Education Programme) Brahma Kumaris, Shantivan, Mt.Abu, Rajsthan. gave a special keynote address and started his session. Finally, the session ended with a vote of thanks by **Mrs. K. Kamalarani, AP/Civil**.

Coordinators

(A.Pirakasam) 27/7/21


HoD 27.7.21

(Dr.S.Anand Kumar Varma)

ATTESTED


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

From

A. Pirakasam,
Assistant Professor,
Department of Civil Engineering,
E.G.S. Pillay Engineering College,
Nagapattinam.

To

The Principal,
E.G.S. Pillay Engineering College,
Nagapattinam.

Through

The Head of the Department,
Department of Civil Engineering,
E.G.S. Pillay Engineering College,
Nagapattinam.

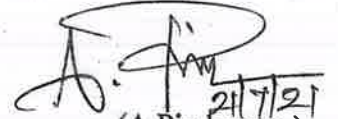
Respected Sir,

Sub: Seeking Permission to conduct One-day Online Webinar – Reg

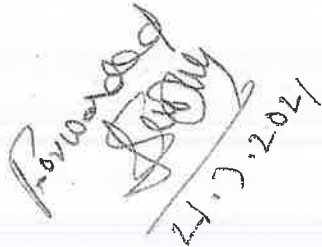
We have planned to conduct One-day Online Webinar for our Faculty members titled “National Building Code of India 2016 and Important Standards in Civil Engineering” through our PEACE association on 27/07/2021. Hence, we request you to give permission to conduct the Online Webinar and to give your wonderful support for the successful completion of the event.

Thanking you,

Yours faithfully


(A.Pirakasam) 21/7/21

21/07/2021
Nagapattinam


21.7.2021

ATTESTED


Dr. S. RAMABALAN, M.E., Ph.D.,
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DEPARTMENT OF CIVIL ENGINEERING


Date: 23/07/2021

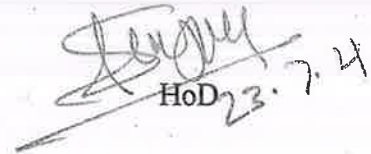
CIRCULAR

ONLINE WEBINAR ON “NATIONAL BUILDING CODE OF INDIA 2016 AND IMPORTANT STANDARDS IN CIVIL ENGINEERING”

We cordially invite you that we are organizing one day Online Webinar on “NATIONAL BUILDING CODE OF INDIA 2016 AND IMPORTANT STANDARDS IN CIVIL ENGINEERING” dated 27/07/2021, to enhance the knowledge on Standards. So, all are asked to participate and make the program success in grant manner.

Coordinator


23/7/21
(Pirakasam.A)


HoD 23.7.21

(Dr.S.Anand Kumar Varma)

Copy to: Principal.

ATTESTED


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.



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Department of Civil Engineering and Precious Enlightening Association of Civil Engineering



(PEACE)

We cordially invite you all to



Online Webinar on

**“NATIONAL BUILDING CODE
OF INDIA 2016 AND
IMPORTANT STANDARDS IN
CIVIL ENGINEERING”**

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DEPARTMENT OF CIVIL ENGINEERING

National Webinar on
**“National Building Code of India 2016
and Important Standards in Civil Engineering”**

Program Schedule (27/07/2021)

Session	Event
10.00 a.m. to 10.15 a.m.	<u>Inaugural Function:</u> <i>Welcome address: Dr.S.Anand Kumar Varma, Prof & Head, Civil</i> <i>Speaker address: S.Shyam Sundar, Ap/ Civil</i>
10.15 a.m. to 10.30 a.m.	Tea Break
10.30 a.m. to 1.00 p.m.	<u>Speakers:</u> Mr J. Roy Chowdhury Bureau of Indian Standards, India Sanjay Pant B.E. (Civil Engineering) with Honours in 1987 Malaviya National Institute of Technology, Jaipur
1.00 p.m. to 1.30 p.m.	Valedictory function

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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

Bio of Mr J. Roy Chowdhury, Bureau of Indian Standards, India

Mr J. Roy Chowdhury is a Civil Engineer by qualification with over 30 years of work experience in Bureau of Indian Standards (BIS). He has worked in different capacities in activities of standardization, international relations, product & systems certification and training in BIS. In his present role as DDG(Standardization-P&M), he leads the national standardization work in all technology areas/economic sectors (other than of services sector).

He has long and varied experience in all aspects of standardization at national level, including in promotion and implementation of standards and capacity building activities in related areas. He has over 12 years of standardization experience and has been involved in development of standards in various areas of civil engineering, notably in structural engineering, concrete reinforcements and concrete products.

His long experience in the field provides him with a deep understanding of strategic imperatives of standardization and experience in leading projects on developing national standardization strategies and vision documents. His experience in dealing with WTO-TBT matters also provides him with a comprehensive understanding of linkages between standards and trade and in implementation of standards, particularly through government policies.

He has been representing India/BIS in various international and regional standardization fora such as ISO, IEC, PASC and SARSO. Presently, he represents India in the Technical Management Board of ISO and in Standardization Management Board of the IEC.

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**E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.**

Sanjay Pant

B.E. (Civil Engineering) with Honours in 1987
Malaviya National Institute of Technology, Jaipur



Professional Experience

32 years of experience in diverse areas of Civil Engineering and Buildings as follows:

Standardization in various Civil Engineering areas such as timber, bamboo, timber and bamboo engineering, cement, cement concrete, cement matrix products of various types, various flooring/roofing/walling, other building materials, prefabricated construction, structural safety, safety in construction, constructional practices and management, **Buildings & Facilities for Persons with Disability**, planning and housing, **National Building Code of India**, Water Harvesting; Energy Conservation; **Sustainable Development**; etc.

Quality control, quality assurance and third party certification for various products used in Civil Engineering and building construction applications, including certification of cement, mineral admixtures, chemical admixtures, precast concrete products and other cement matrix products, concrete reinforcement, wood based building materials like plywood, blockboard, particle board, flush doors, sanitary appliances and water fittings, building components, fixtures and hardware, portable fire extinguishers and other fire fighting equipments, and other building materials.

Papers written/ presented

A number of technical papers written/presented in National/International Journals/Seminars relating to cement, concrete, various building materials, construction practices, safety, National Building Code of India, fire safety, disaster mitigation, building and plumbing services, sustainability, etc.

A series of papers written on standardization, consumer protection, implementation of standards/ quality assurance, etc.

Special Achievements

- a) Landmark Revision of the Concrete Code, IS 456:2000 Code of Practice for Plain and Reinforced Concrete, and subsequent amendments thereto.
- b) Revision of Indian Standards on Concrete Testing (IS 516 and IS 1199).
- c) Revision of Indian Standard on concrete mix proportioning (IS 10262).
- d) Revision of cement and fly ash standards, and formulation of new standards on pozzolanic material like silica fume, metakaolin, GGBS, ultrafine GGBS and microfine cement.
- e) Successful Completion of the Mammoth National Project on Revision of the National Building Code of India (NBC) as NBC 2005 involving 26 chapters and introducing the concepts and guidelines for Integrated Approach through Multi-disciplinary Teams; Single Window Approach for Building Permit; Thrust to the Use of New/Alternative Building Materials; Distinct Provisions for Fire Prevention, Life Safety and Fire Protection; Structural Design using Bamboo; Systems/Engineered Building Approach; Water Harvesting and Conservation; Landscaping; Energy Conservation; Sustainable Development, etc
- f) Development of series of Indian Standards on Construction Project Management
- g) New chapter on Approach to Sustainability as part of NBC
- h) Latest comprehensive revision of **NBC 2016** also incorporating new chapters on **ICT enabled buildings**, Structural use of glass, Escalators and Moving Walks; Solid Waste Management, and Asset & Facility Management, etc apart from comprehensive revision of the existing chapters including on structural safety and sustainability.

Recognitions & Honours

Shri Pant has received no. of recognitions such as Lifetime Achievement Award from Fire & Security Association of India, received an Honour from the Hon'ble Minister for Skill Development (GoI) for contribution towards plumbing skill development in the country, honored by Indian Plumbing Association with fellowship award, honored by Practicing Valuers Association of India, MNIT Jaipur Distinguished Alumnus Award, etc.

Present Assignment

Working as Head of the Civil Engineering Department, Bureau of Indian Standards, New Delhi.

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DEPARTMENT OF CIVIL ENGINEERING

National Webinar on
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and Important Standards in Civil Engineering”**

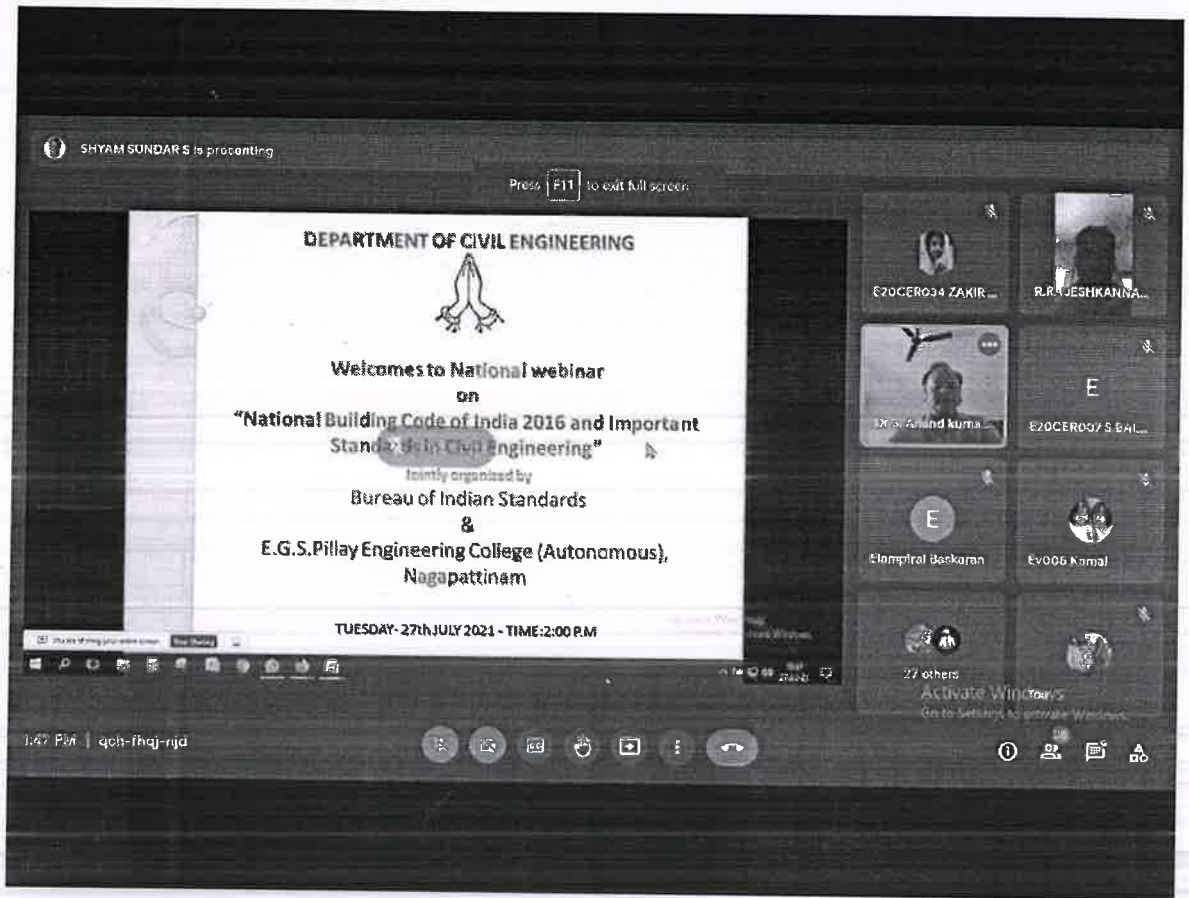
Participants Name List

1. Anand Kumar Varma S
2. Sivakumar R
3. Sakthieswaran N
4. EllissYogesh R
5. Vinodhkumar B
6. Malliga P
7. Balasubramani V
8. Arjunan A
9. Vethamoorthy N R
10. Prakash G
11. Subita Deeneshwari M
12. Karthika N
13. Kamalarani K
14. Adhavanathan T
15. Shyam Sundar S
16. Venkatesan E
17. Senthamil Maran K
18. Srinivasan V
19. Pirakasam A
20. Sasirega N
21. Saranya T J
22. Keerthi V C
23. Santhoshkumar S
24. Venkatramanan S
25. Shakila K
26. Sundhar K B
27. Nithya G
28. Maheshwari O
29. Aravind C
30. Sivasubramaniyan N

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**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL**

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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.**



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Nagapattinam (Dt) Tamil Nadu.

34.

National Building Code of India 2016 and Important Standards in Civi... Watch later Share

REC Sanjay Pant is presenting

CIVIL ENGINEERING DIVISION COUNCIL
CEDC

38 SECTIONAL COMMITTEES

33 SUBCOMMITTEES

62 PANELS

Total number of Members Involved = ~3,300
Total number of Standards formulated = 1,802

2:45 PM | qch-fhqj-njd

49:13 / 2:59:55

YouTube

35.

National Building Code of India 2016 and Important Standards in Civi... Watch later Share

REC Sanjay Pant is presenting

CONTENTS OF NBC 2016

Part No.	Title
Part 0	Integrated Approach – Prerequisite for Applying Provisions of the code
Part 1	Definitions
Part 2	Administration
Part 3	Development Control Rules and General Building Requirements
Part 4	Fire and Life Safety
Part 5	Building Materials
Part 6	Structural Design
Part 7	Constructional Management, Practices and Safety
Part 8	Building Services
Part 9	Plumbing Services (Including Solid Waste Management)
Part 10	Landscape Development, Signs and Outdoor Display Structures
Part 11	Approach to Sustainability
Part 12	Asset and Facility Management

Md Shameem has left the meeting

2:58 PM | qch-fhqj-njd

1:01:26 / 2:59:55

YouTube

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Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

36. National Building Code of India 2016 and Important Standards in Civi... Watch later Share

REC Sanjay Pant is presenting

STRUCTURED APPROACH FOR ENSURING COMPLIANCE TO PROVISIONS OF NBC 2016 IN THE CODE.... 29

3. Sanction by the Authority including approvals from statutory authorities
 - Two stage approval for vulnerable buildings
4. Construction activity
5. Step-wise Inspection by local authority
6. Completion of construction activity
7. Notice of completion by owner along with
 - Certification for execution of work as per structural safety requirements by engineer/ structural engineer
8. Inspection by Authority
9. Issue of Occupancy Permit by Authority.

3:27 PM | qch-fhqj-njd

1:28:10 / 2:59:55 YouTube

37. National Building Code of India 2016 and Important Standards in Civi... Watch later Share

REC Sanjay Pant is presenting

BUILDING OCCUPANCY CLASSIFICATION 39


Group A Residential	Lodging or rooming houses (A-1) One or two family dwelling (A-2) Dormitories (A-3) Apartment houses (flats) (A-4) Hotels (A-5) & Starred hotels (A-6)
Group B Educational	Schools up to senior secondary level (B-1) Other training institutions (B-2)
Group C Institutional	Hospitals and Sanatoria (C-1) Custodial institutions (C-2) Penal & mental institutions (C-3)
Group D Assembly	D-1 to D-6 D-7 Underground and elevated MRTS
Group E Business	E-1 to E-5 (offices, banks, labs, computer, telephone exchanges, broadcasting stations)
Group F Mercantile	F-1 to F-3 (shops, departmental stores, markets & underground shopping centres)
Group G Industrial	Low hazard (G-1) Moderate hazard (G-2) High hazard (G-3)
Group H Storage	
Group I Hazardous	

3:39 PM | qch-fhqj-njd

1:40:05 / 2:59:55 YouTube

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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

 National Building Code of India 2016 and Important Standards in Civi... Watch later Share

REC Sarjay Pant is presenting

NEW / ALTERNATIVE BUILDING MATERIALS 47


- ▣ Suitability for End Application
- ▣ Strength Properties
- ▣ Durability
- ▣ Fire Resistivity
- ▣ Thermal Properties
- ▣ Acoustical Properties
- ▣ Ease of Working/Handling
- ▣ Energy Conservation/Environment Sustainability

3:52 PM | qch-fhqj-njd

SHYAM SUNDAR S
MAITRI DOSHI
a N
68 others

Activate Windows
Go to Settings to activate Windows

38.

 National Building Code of India 2016 and Important Standards in Civi... Watch later Share

REC Sarjay Pant is presenting


Construction Project Management 109

IS No.	Title
IS 15883	Construction Project Management- Guidelines:
Part 1:2009	Part 1 General
Part 2:2013	Part 2 Time Management
Part 3:2015	Part 3 Cost Management
Part 4:2015	Part 4 Quality Management
Part 5:2013	Part 5 Health & Safety Management
Part 6:2015	Part 6 Scope Management
Part 7:2021	Part 7 Procurement Management
Part 8:2015	Part 8 Risk Management
Part 9:2018	Part 9 Communication Management
Part 10:2021	Part 10 Human Resource Management
Part 11:2021	Part 11 Sustainability Management
Part 12:2016	Part 12 Integration Management
IS 1616:2016	Guidelines for Construction Project Formulation and Appraisal
IS 16601:2016	Guidelines for Habitat and Welfare Requirements for Construction Workers

4:16 PM | qch-fhqj-njd

SHYAM SUNDAR S
N
Nivetha Novi
56 others

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Nagapattinam (Dt) Tamil Nadu.

Email Address	Name & Designation	College Name	The workshop content was relevant for me	The content of the workshop was very comprehensive	The workshop timings were very convenient	The Audio and Video quality were excellent	The registration process was extremely efficient and smooth	The trainers were very prepared for the workshop	The content of the workshop was not repeated	The OVERALL content of the workshop was excellent	Any other remarks
shyamsundar@egspec.org	Mr.S.Shyam Sundar	E.G.S.Pillay Engineering College	Disagree	Strongly	Neutral	Disagree	Disagree	Strongly	Agree	Neutral	
pirakasamp633@gmail.com	Mr.A.Pirakasam	E.G.S.Pillay Engineering College	Strongly agree	Strongly	Strongly	Neutral	Strongly	Strongly	Strongly	Strongly	agree
dr.s.anandkumarvarma@egspec.org	Dr.S.Anand Kumar Varma	EGS PILLAY ENGINEERING COLLEGE	Strongly agree	Strongly	Agree	Agree	Agree	Strongly	Strongly	Strongly	Nothing
drsvikumar@egspec.org	Dr.R.Sivakumar	E.G.S.Pillay Engineering College	Strongly agree	Agree	Agree	Strongly	Strongly	Agree	Agree	Agree	No
dr.b.vinodkumar@egspec.org	Dr.B.Vinodkumar	EGS PILLAY ENGINEERING COLLEGE	Strongly agree	Strongly	Strongly	Strongly	Strongly	Strongly	Strongly	Strongly	Arrange more Civil engineering topics
tvredha@gmail.com	Mr.V.Balasubramani	E.G.S. PILLAY ENGINEERING COLLEGE	Agree	Neutral	Agree	Neutral	Neutral	Agree	Agree	Agree	No
er.arjunan86@gmail.com	Mr.A.Arjunan	EGS PILLAY ENGINEERING COLLEGE	Strongly agree	Strongly	Agree	Agree	Strongly	Strongly	Agree	Strongly	agree
ramavelhanr@gmail.com	Mr.N.R.Vethamoorthy	EGS PILLAY ENGINEERING COLLEGE	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	
prakash@egspec.org	Mr.G.Prakash	EGS PILLAY ENGINEERING COLLEGE	Neutral	Neutral	Disagree	Disagree	Strongly	Agree	Strongly	Agree	
subila@egspec.org	Mrs.M.Subita Deeneshwar	ENGINEERING COLLEGE	Agree	Agree	Neutral	Agree	Agree	Strongly	Agree	Strongly	agree
n.karthika20@gmail.com	Ms.N.Karthika	E.G.S.Pillay Engineering College	Agree	Agree	Strongly	Agree	Strongly	Agree	Neutral	Strongly	No
k.kamalarani@egspec.org	Mrs.K.Kamalarani	EGS PILLAY ENGINEERING COLLEGE	Strongly agree	Strongly	Strongly	Strongly	Strongly	Agree	Strongly	Neutral	
adhavanathan@egspec.org	Mr.T.Adhavanathan	E.G.S.Pillay Engineering College	Strongly agree	Agree	Disagree	Neutral	Neutral	Neutral	Agree	Agree	
e.venkatesan@egspec.org	Mr.E.Venkatesan	EGS PILLAY ENGINEERING COLLEGE	Agree	Agree	Neutral	Agree	Agree	Agree	Agree	Agree	It was very lengthy, some of the introduction could have been cutoff
k.sentamilmaran@egspec.org	Mr.K.Senthamil Maran	EGS PILLAY ENGINEERING COLLEGE	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	
ikd070814@gmail.com	Mr.V.Srinivasan	EGS PILLAY ENGINEERING COLLEGE	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	No
dr.r.ellishyogesh@egspec.org	Dr.R.EllissYogesh	E.G.S.Pillay Engineering College	Agree	Strongly	Strongly	Agree	Agree	Strongly	Agree	Agree	
v.c.keerthi@egspec.org	Mr.V.C.Keerthi	EGS PILLAY ENGINEERING COLLEGE	Agree	Agree	Agree	Agree	Agree	Strongly	Agree	Agree	No
s.santhoshkumar@egspec.org	Mr.S.Santhoshkumar	EGS PILLAY ENGINEERING COLLEGE	Neutral	Agree	Agree	Agree	Agree	Agree	Neutral	Neutral	No
s.venkataraman@egspec.org	Mr.S.Venkataraman		Strongly agree	Strongly	Strongly	Strongly	Strongly	Strongly	Strongly	Strongly	agree
k.shakila@egspec.org	Ms.K.Shakila	EGS PILLAY ENGINEERING COLLEGE	Strongly agree	Strongly	Strongly	Agree	Strongly	Strongly	Strongly	Strongly	agree
malliga@egspec.org	Mrs.P.Malliga	E.G.S.Pillay Engineering College	Strongly agree	Strongly	Strongly	Agree	Strongly	Strongly	Strongly	Strongly	EXCELLENT SESSION.
	Dr. V.Sekaran		Strongly agree	Strongly	Strongly	Agree	Strongly	Strongly	Strongly	Strongly	Future webinar PL send me my email ID
dr.v.sekaran@egspec.org	Ms.N.Sasirega	E.G.S. PILLAY ENGINEERING COLLEGE	Strongly agree	Strongly	Agree	Agree	Strongly	Strongly	Strongly	Strongly	subasrivelayutha m@gmail.com
n.sasiraga@egspec.org	Ms.T.J.Saranya	E.G.S.Pillay Engineering College	Strongly agree	Agree	Strongly	Agree	Strongly	Agree	Strongly	Agree	No comments
t.j.saranya@egspec.org	Mr.S.Santhoshkumar	E.G.S. PILLAY ENGINEERING COLLEGE	Strongly agree	Strongly	Strongly	Strongly	Strongly	Strongly	Strongly	Strongly	Very informative, plz share ppt
s.santhoshkumar@egspec.org		COLLEGE	Strongly agree	Strongly	Strongly	Strongly	Strongly	Strongly	Strongly	Strongly	Nil

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**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL**

**E.G.S. Pillay Engineering College,
Thethi, Nacore - 611 002.**



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Certificate

This is to certify that Dr.R.Elliss Yogesh from E.G.S.Pillay Engineering College has attended the National level webinar on "NATIONAL BUILDING CODE OF INDIA 2016 AND IMPORTANT STANDARDS IN CIVIL ENGINEERING" jointly organized by Bureau of Indian Standards & Department of Civil Engineering, E.G.S.Pillay Engineering College (Autonomous), Nagapattinam on 27th JULY 2021.

S. Rajamohan

Coordinator

S.P.R.

Coordinator

S. Ramasubramanian

Convener

R. Srinivasan

Principal

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R. Srinivasan

**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL**

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This is to certify that **Senthamil Maran K** from **E.G.S.Pillay Engineering College** has attended the National level webinar on **"NATIONAL BUILDING CODE OF INDIA 2016 AND IMPORTANT STANDARDS IN CIVIL ENGINEERING"** jointly organized by Bureau of Indian Standards & Department of Civil Engineering, **E.G.S.Pillay Engineering College (Autonomous)**, Nagapattinam on **27th JULY 2021**.

S. Sumanth

Coordinator

H.P.R.

Coordinator

S. Sumanth

Convenor

S. Sumanth

Principal

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S. Sumanth
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S. Srinivasan

Coordinator

K.P.R.

Coordinator

S. Srinivasan

Convener

S. Srinivasan

Principal

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DEPARTMENT OF CIVIL ENGINEERING




Precious Enlightening Association of Civil Engineering (PEACE)

Organized Online Training Program on

“MODERN WORLD AND ITS ENVIRONMENTAL CONCERN”

5th July 2021

ATTESTED


**Dr. S. RAMABALAN, M.E., Ph.D.,
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DEPARTMENT OF CIVIL ENGINEERING

Training Program on

**“MODERN WORLD AND ITS ENVIRONMENTAL
CONCERN”**

SL.NO	CONTENTS
1	Vision, Mission, PEO, PSO AND PO Statements
2	Summary of the Event
3	Approval Letters & Circulars
4	Invitation & Agenda
5	Participants Name List & Attendance
7	Sample Photos
8	Feedback Forms
9	Certificate

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DEPARTMENT OF CIVIL ENGINEERING

DEPARTMENT VISION

To evolve as a Centre of excellence by imparting quality technical education and promote research to meet the emerging challenges in the field of Civil Engineering.

DEPARTMENT MISSION

The Civil Engineering department is committed to

- M1:** Provide quality education through innovative teaching and learning practices.
- M2:** Encourage faculty and students to pursue higher education and carry out socially relevant innovative research thereby establishing centers of excellence in emerging areas of research.
- M3:** Offer consultancy services using state-of-the-art facilities fulfilling the needs of industry and society.
- M4:** Enable our students and faculty to play leadership roles in a sustainable manner by adopting professional ethics, entrepreneurship activities, interpersonal skills and a lifelong learning attitude.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO's)

After successful completion of the programme, Graduates will be able to

- PEO1:** Become a successful Civil Engineer to meet the demand-driven needs in the field of Civil Engineering and related profession or pursue higher study and research or become an entrepreneur.
- PEO2:** Develop core competence by analyzing and design of Civil engineering systems with social awareness and responsibilities.
- PEO3:** Build professionalism, ethical approach, communication skills, and teamwork in their profession and adapt to modern trends by engaging in lifelong learning.

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PROGRAMME OUTCOMES (POs):

After successful completion of the programme, Graduates will be able to

- PO1** Application knowledge of mathematics, science, engineering fundamentals
- PO2** Problem Analysis.
- PO3** Design and Development of Solutions
- PO4** Conduct investigations by designing experiments, analysis and interpretation of data and synthesis of information to provide valid conclusions
- PO5** Modern Tool Usage
- PO6** Assessing societal, health, safety, legal and cultural issues
- PO7** Examining Environmental impact and Sustainability
- PO8** Commitment to professional ethics.
- PO9** Function effectively as an individual, and as a member or leader in diverse teams and in multi-disciplinary settings
- PO10** Communicate effectively at oral, written, and presentation level
- PO11** Examine Project Management and Financial aspects
- PO12** Instil Life-long Learning

PROGRAMME SPECIFIC OUTCOMES (PSOs):

After successful completion of the programme, students will be able to

PSO1: Analyze the effects of natural calamities like Tsunami, storms, earthquakes, landslides etc. in design of stable structures.

PSO2: Use eco-friendly materials and mechanisms for sustainable and life-line infrastructures.

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DEPARTMENT OF CIVIL ENGINEERING

Training Program on

“MODERN WORLD AND ITS ENVIRONMENTAL CONCERN”

REPORT

Online Training Program on “MODERN WORLD AND ITS ENVIRONMENTAL CONCERN” has been conducted for our Non-teaching Faculties and is organized by PEACE association, Department of Civil Engineering, E.G.S. Pillay Engineering College, Nagapattinam. The program was conducted on 5th July 2021. The Program was inaugurated with the welcome address by the event coordinator Dr.B.Vinodh Kumar, Assoc. Prof/Civil.

Our Head of the Department, Dr.S.Anand Kumar Varma, M.E.,Ph.D., gives the special address about the chief guest. Mr.A.Sabeek Mohammed, Environmental Engineer, Smart city Project, Vellore, gave a special keynote address and started his session. The participants learned about the current world, its environmental concern and their responsibility related to the environmental concern. Finally, the session ended with a vote of thanks by Ms.M.Subita Deeneshwari, AP/Civil.

Coordinators


5/7/21

(Dr.B.Vinodh Kumar)

HoD


5.7.21

(Dr.S.Anand Kumar Varma)

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Dr. S. RAMABALAN, M.E., Ph.D.,
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E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

Requisition Letter

29/06/2021

To

The Principal,
E.G.S. Pillay Engineering College,
Nagapattinam.

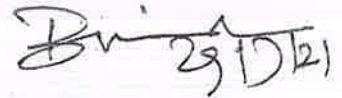
Respected Sir,

Sub: Requisition for permission to conduct training program – Reg

I have a plan to organize a one-day training program on “MODERN WORLD AND ITS ENVIRONMENTAL CONCERN” through our PEACE association, Department of Civil Engineering on 5th July 2021. This will be very useful for non-teaching staffs to understand the basics things related to the environmental and it will be helpful for them to maintain the laboratory with environmental concern. Hence, I request you to kindly permit to conduct the training program.

Thanking you,

Yours faithfully



Dr. B. Vinodh Kumar
Associate Professor
Department of Civil Engineering
E.G.S. Pillay Engineering College
Nagapattinam

For
29.6.21

ATTESTED


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DEPARTMENT OF CIVIL ENGINEERING

Date: 02/07/2021

CIRCULAR

Training Program on

“MODERN WORLD AND ITS ENVIRONMENTAL CONCERN”

We cordially invite you that we are organizing one day Training Program on “MODERN WORLD AND ITS ENVIRONMENTAL CONCERN” dated 05/07/2021, to enhance the knowledge. So, all are asked to participate and make the program a success in grant manner.

Coordinator

[Handwritten Signature]
02/7/21

(Dr.B.Vinodh Kumar)

[Handwritten Signature]
2-7-21
HoD

(Dr.S.Anand Kumar Varma)

Copy to: Principal.

ATTESTED

[Handwritten Signature]
**Dr. S. RAMABALAN, M.E., Ph.D.,
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Thethi, Nagore - 611 002.
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Training Program on
“MODERN WORLD AND ITS
ENVIRONMENTAL CONCERN”

05.07.2021

Monday 10AM - 12PM

Resource Person:

Mr.A.Sabeek Mohammed,
Environmental Engineer,
Smart city Project, Vellore



Registration Link:

<https://forms.gle/x7vFy5JuSpapyXvG8>

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DEPARTMENT OF CIVIL ENGINEERING

Training Program on

“MODERN WORLD AND ITS ENVIRONMENTAL CONCERN”

Program Schedule

Session	Event
10.00 a.m. to 10.15 a.m.	<u>Inaugural Function:</u> <i>Welcome address:</i> Dr.B.Vinodh Kumar, Assoc. Prof/Civil <i>Speaker address:</i> Dr.S.Anand Kumar Varma, Prof & Head, Civil
10.15 a.m. to 12.00 p.m.	<u>Speakers:</u> Mr.A.Sabeek Mohammed, Environmental Engineer, Smart city Project, Vellore.
12.00 p.m.	<u>Vote of thanks:</u> M.Subita Deeneshwari, Ap/Civil

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Bio of Mr Mr.A.Sabeek Mohammed, Environmental Engineer, Smart city Project, Vellore

Mr.A.Sabeek Mohammed is an Environmental Engineer by qualification with over 10 years of work experience in the field. He started his career as an Assistant Professor in Department of Civil Engineering and later he moved on to the industrial sector.

He has long and varied experience in all aspects of Environmental issues in various projects. He has over 10 years of experience and has been involved in assessment of impacts on the environment.

His long experience in the field provides him with a deep understanding of environment and its issues. The necessary action required in the modern world is the main agenda that he worked towards it.

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DEPARTMENT OF CIVIL ENGINEERING

Online Training Program on

“MODERN WORLD AND ITS ENVIRONMENTAL CONCERN”

Participants Name List

S.No	Name	Department
1.	V.Rajakumar	Civil
2.	N.Prasanth	Civil
3.	S.Rahul	Civil
4.	Sakthivel	Civil
5.	Vijay	Civil
6.	Saravanan	Civil
7.	Sathish Kumar	Civil
8.	S. Sakthivel	Mechanical
9.	S.Venkatesan	Mechanical
10.	R.Rajasekaran	Mechanical
11.	S.Ramamoorthy	Mechanical
12.	S.Senthil Murugan	Mechanical
13.	K.Balamurugan	Mechanical
14.	S.Joseph	Mechanical
15.	R.Vignesh	EEE

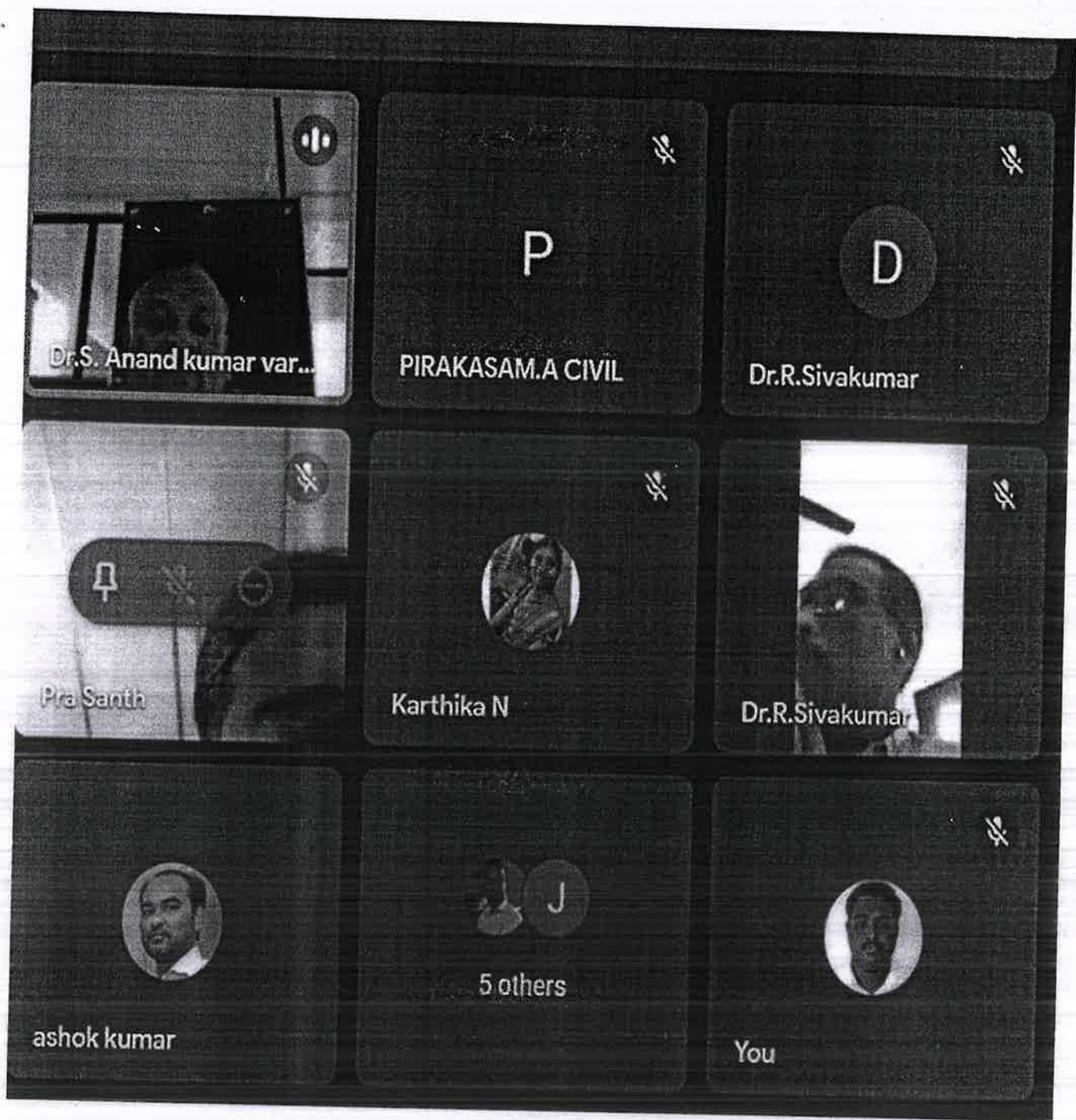
Dr.

ATTESTED

Dr. S. Ramabalan
Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

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Thethi, Nagore - 611 002.
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Dr.



[Handwritten signature]

ATTESTED
[Handwritten signature]
Dr. S. RAMABALAN, M.E., Ph.D.,
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Feedback Responses

Name & Designation	Department	College Name	The workshop content	The content of the worl	The workshop timings	The Audio and Video	The registration proces	The trainers were very	The content of the worl	The OVERALL content
K.Balamurugan	Mechanical	Egspec	Agree	Strongly agree	Agree	Agree	Agree	Agree	Agree	Agree
N.Prasanth	Civil	Egspec	Agree	Strongly agree	Agree	Agree	Agree	Agree	Agree	Agree
R.Rajasekaran	Mechanical	Egspec	Agree	Neutral	Agree	Agree	Agree	Agree	Agree	Agree
R.Vignesh	EEE	Egspec	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree
S.Sakthivel	Mechanical	Egspec	Neutral	Strongly disagree	Strongly disagree	Strongly disagree	Strongly disagree	Strongly disagree	Strongly disagree	Strongly disagree
S.Joseph	Mechanical	Egspec	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral
S.Rahul	Civil	Egspec	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral
S.Ramamoorthy	Mechanical	Egspec	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
S.Senthil Murugan	Mechanical	Egspec	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly disagree	Disagree
S.Venkatesan	Mechanical	Egspec	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
Sakthivel	Civil	Egspec	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree
Saravanan	Civil	Egspec	Strongly agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
Sathish Kumar	Civil	Egspec	Strongly disagree	Strongly disagree	Strongly disagree	Strongly disagree	Strongly disagree	Strongly disagree	Strongly disagree	Strongly disagree
V.Rajakumar	Civil	Egspec	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Neutral	Strongly disagree	Disagree
Vijay	Civil	Egspec	Disagree	Strongly disagree	Strongly disagree	Strongly disagree	Strongly disagree	Neutral	Strongly agree	Strongly disagree

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**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL**

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Certificate

This is to certify that N.Vijay from E.G.S.Pillay Engineering College has attended the Online Training Program on "MODERN WORLD AND ITS ENVIRONMENTAL CONCERN" organized by Department of Civil Engineering, E.G.S.Pillay Engineering College (Autonomous), Nagapattinam on 5th JULY 2021.



Coordinator



HOD



Principal

ATTESTED



**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL**

**E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.**



E.G.S.Pillay Engineering College (Autonomous)

Certificate

This is to certify that S.Venkatesan from E.G.S.Pillay Engineering College has attended the Online Training Program on "MODERN WORLD AND ITS ENVIRONMENTAL CONCERN" organized by Department of Civil Engineering, E.G.S.Pillay Engineering College (Autonomous), Nagapattinam on 5th JULY 2021.

Coordinator

HOD

Principal

ATTESTED

**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL**

**E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.**



E.G.S.Pillay Engineering College (Autonomous)

Certificate

This is to certify that **S.Sakthivel** from **E.G.S.Pillay Engineering College** has attended the Online Training Program on "MODERN WORLD AND ITS ENVIRONMENTAL CONCERN" organized by Department of Civil Engineering, E.G.S.Pillay Engineering College (Autonomous), Nagapattinam on 5th JULY 2021.

Coordinator

HOD

Principal

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
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Nagapattinam (Dt) Tamil Nadu.



E.G.S.Pillay Engineering College (Autonomous)

Certificate

This is to certify that **R.Sathish Kumar** from **E.G.S.Pillay Engineering College** has attended the Online Training Program on “**MODERN WORLD AND ITS ENVIRONMENTAL CONCERN**” organized by Department of Civil Engineering, **E.G.S.Pillay Engineering College (Autonomous), Nagapattinam** on **5th JULY 2021**.

Coordinator

HOD

Principal

ATTESTED

**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL**

**E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.**



E.G.S.Pillay Engineering College (Autonomous)

Certificate

This is to certify that **V.Rajakumar** from **E.G.S.Pillay Engineering College** has attended the Online Training Program on "MODERN WORLD AND ITS ENVIRONMENTAL CONCERN" organized by Department of Civil Engineering, E.G.S.Pillay Engineering College (Autonomous), Nagapattinam on 5th JULY 2021.

Coordinator

HOD

Principal

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,

PRINCIPAL

E.G.S. Pillay Engineering College,

Thethi, Nagore - 611 002.

Nagapattinam (Dt) Tamil Nadu.

INDIAN SOCIETY FOR TECHNICAL EDUCATION

SPONSORED ONLINE SHORT TERM TRAINING PROGRAM ON

**“ADVANCED MANUFACTURING TECHNOLOGY
PROCESSES & APPLICATIONS”**

13-09-2021 to 17-09-2021

Coordinators

Dr.V.SIVARAMAN

Dr.N.RAMANUJAM

Organized by

DEPARTMENT OF MECHANICAL ENGINEERING

E.G.S.PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

(Accredited by NBA, NAAC with “A” Grade)

INDIA



ATTESTED

**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL**


**E.G.S. Pillay Engineering College,
Theethi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu.**

ADVANCED MANUFACTURING TECHNOLOGY PROCESSES & APPLICATIONS

CONTENTS

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6. DAY WISE PRESENTATION CONTENTS
7. VALEDICTORY FUNCTION
8. LIST OF PARTICIPANTS
9. SAMPLE CERTIFICATES
10. NEWSPAPER PUBLISH DETAILS

ATTESTED


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

PROGRAM INVITATION

INAUGURAL INVITATION

Indian Society for Technical Education (ISTE)

Sponsored Online One Week STTP on

"Advanced Manufacturing Technology Processes & Applications"

13-09-2021 to 17-09-2021



Chief Patrons

Smt.S.JOTHIMANI G S PILLAY, Chairman

Dr.S.PARAMESVARAN, Secretary

Mr.S.SANKAR GANESH, Trust Member

EGS Pillay Group of Institutions

Chief Guest

Prof. M.M.M. NAJIM

Former Vice Chancellor, South Eastern University of Sri Lanka

Professor, Faculty of Science, University of Kelaniya, Sri Lanka

Guest of Honor

Dr. ERVINA EFZAN BINTI MHD NOOR

Director, Industrial Collaboration and Engagement Centre

Multimedia University, Malaysia

Guest of Honor

Dr. UPPU SRINIVAS RAO

Associate Professor, Department of Mechanical Engineering

IIT BHU, India

In the August Presence of :

Dr.S.Chandrasekar, CEO. Dr.S.Ramabalan, PRINCIPAL,

Dr.M.Chinnadurai, COE. Dr.S.Krishnamohan, Dean/Mech. & Building Sciences

Coordinators : Dr.V.Sivaraman Ph.D.(IITM), Director / Ind. Inst. Relations

Dr.N.Ramanujam, Dean / Student Affairs

With Best Compliments from:

Dr.G.Gurumoorthi ,HOD/Mechanical, Dr.V.Sivaramakrishnan Professor/Mech.,

Dr. J.Jeevamalar Assoc. Prof./Mech., Dr. S.Chockalingam, Assoc. Prof./Mech.,

Organized by : Department of Mechanical Engineering

E.G.S.PILLAY ENGINEERING COLLEGE (Autonomous)

(Accredited by NBA , NAAC with "A" Grade)

NAGAPATTINAM – INDIA 611002

VALEDICTORY INVITATION

Indian Society for Technical Education (ISTE)

Sponsored Online One Week STTP on

"Advanced Manufacturing Technology Processes & Applications"

13-09-2021 to 17-09-2021



Chief Patrons

Smt.S.JOTHIMANI G S PILLAY, Chairman

Dr.S.PARAMESVARAN, Secretary

Mr.S.SANKAR GANESH, Trust Member

EGS Pillay Group of Institutions

Chief Guest:

Dr-Ing.M.DURASELVAM

DEAN (Planning & Development)

Professor, Department of Production Engineering, NIT - Tiruchirappalli

Guest of Honor:

Dr. M.KANTHABABU

Director (Centre for Intellectual Property Rights)

Professor, Department of Manufacturing Engineering, Anna University - Chennai

Guest of Honor:

Dr. R. ELANSEZHIAN

Professor, Placement Officer & Program Head - Mechatronics

Puducherry Technological University – Puducherry

In the August Presence of :

Dr.S.Chandrasekar, CEO. Dr.S.Ramabalan, PRINCIPAL,

Dr.M.Chinnadurai, COE. Dr.S.Krishnamohan, Dean/Mech. & Building Sciences

Coordinators : Dr.V.Sivaraman Ph.D.(IITM), Director / Ind. Inst. Relations

Dr.N.Ramanujam Dean / Student Affairs

With Best Compliments from:

Dr.G.Gurumoorthi HOD/Mechanical, Dr.V.Sivaramakrishnan Professor/Mech.,

Dr. J.Jeevamalar Assoc. Prof./Mech., Dr. S.Chockalingam Assoc. Prof./Mech.,

Organized by : Department of Mechanical Engineering

E.G.S.PILLAY ENGINEERING COLLEGE (Autonomous)

(Accredited by NBA , NAAC with "A" Grade)

NAGAPATTINAM – INDIA 611002

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

PROGRAM SCHEDULE

Date	Forenoon Session	Afternoon Session
13/09/2021	10:00-11:30 Inauguration / Dr.Ervina Efzan MMU, Malaysia	2:30 - 4:00 Mr.A.Ezhilmaran Axis Global Automation Chennai, Dubai, UAE
14/09/2021	Dr.N.Srinagalakshmi VIT-Vellore	Dr.V.Sivaraman EGSPEEC
15/09/2021	Dr.A.S.S.Balan NITK Surathkal	Dr.U.S.Rao IIT BHU Varanasi
16/09/2021	Dr.U.Farook, SEUSL, Sri Lanka	Mr.R.Srikanth AMTDC IITM Research Park
17/09/2021	Dr.S.Madhavan NEMI ENERGY, IITM Research Park	Dr.S.Chockalingam EGSPEEC Online Test & Valedictory Function

ATTESTED



Dr. S. RAMABALAN, M.E., Ph.D.,
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E.G.S. Pillay Engineering College,
Theethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

Invited Lectures from Academics

1. Dr.U.S.Rao “ Ductile Regime Machining” Associate Professor, Department of Mechanical Engineering, IIT BHU
2. Dr.R.Elansezhian “Intelligent Manufacturing” Professor & Head Mechatronics, Pondicherry Engineering College, Puducherry.
3. Dr.A.S.S.Balan, “Sustainable Machining”, Assistant Professor, NITK Surathkal
4. Dr.N.Mohan, “Advanced Composites Processing, Characterization and Testing”, Professor & Head, Department of Industrial Engineering and Management” Dr.AIT, Bangalore
5. Dr.A.Murugarajan “Smart Sensors For Smart Manufacturing” Professor & Head, Department of Mechanical Engineering, SREC, Coimbatore
6. Dr.Nammi Srinagalakshmi “ Laser Assisted Micro Manufacturing” Assistant Professor Sr.-Grade 1, Department of Manufacturing Engineering, VIT Vellore
7. Dr.Biju CV, “Industry 4.0–Challenges and Solutions for Chatter Free Machining”. Professor-R&D Department, JEC, Kerala
8. Dr.S.Ramabalan, “Micro & Nano Robots”, Principal & Professor, Department of Mechanical Engineering, EGSPEC, TamilNadu
9. Dr.V.Sivaraman “Additive Manufacturing Trends & Technologies” Professor, Department of Mechanical Engineering & Director (Ind. Inst. Relations), EGSPEC, TamilNadu
10. Dr.S.Chockalingam “Smart Materials” Associate Professor, Department of Mechanical Engineering, EGSPEC, TamilNadu

ATTESTED



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Nagarathnam (DU) Tamil Nadu.

Invited Lectures from Industry

1. Mr.A.Ezhilmaran “Impact of Industrial Robots & Future Opportunities”. Managing Director, Axis Global Automation, Tamil Nadu.
2. Dr.S.Madhavan “Advanced Welding Techniques for Aerospace and Aluminum Alloys” Executive Director, NEMI ENERGY, IIT Madras- Research Park.
3. Mr.R.Srikanth, “Smart Manufacturing Research and its Relevance for Indian Machine Tool Industry” Advanced Manufacturing Technology Development Centre” Principal Research Engineer, Advanced Manufacturing Technology Development Centre, IIT Madras Research Park.

Invited Lectures from Abroad

1. Dr.Ervina Efan Binti Mhd Noor “DEP toward microfluidic device in Advanced Manufacturing Technology for Health Applications”, Associate Professor, FET & Director (IC&EC) Multimedia University, Malaysia
2. Dr.U.Farook,” Applications of Advanced Manufacturing Technology Processes in the Ceramics Industry” Head, Department of Mechanical Engineering, South Eastern University of Sri Lanka

ATTESTED


Dr. S. RAIMOBALAN, M.E., Ph.D.,
PRINCIPAL

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Thechi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

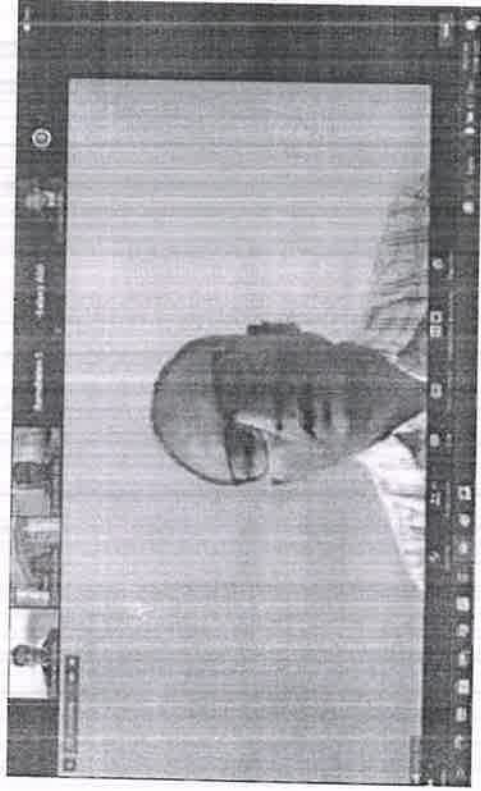
INAUGURAL FUNCTION



Prof. M.M.M. Najim
Former VC, SEUSL, Sri Lanka



Dr.Ervina Efzan
Multimedia University, Malaysia



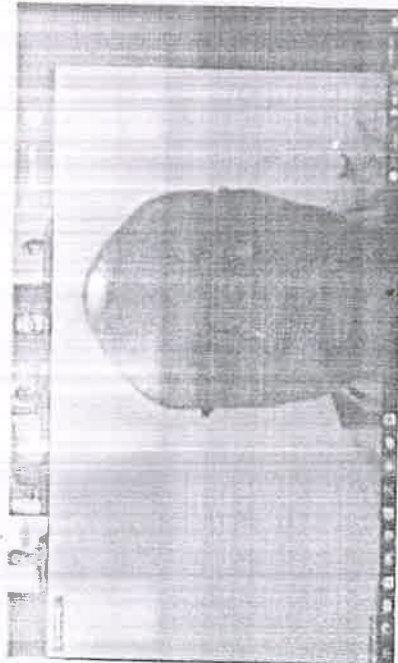
Dr. U.S.Rao, IIT BHU, India

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
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E.G.S. Pillay Engineering College,
Theriti, Negore - 611 002.
Nagapattinam (Dc) Tamil Nadu.

13/09/2021



Dr.N.Ramanujam, EGSPEC



Dr.S.Krishnamohan, EGSPEC



Dr.V.Sivaraman, EGSPEC



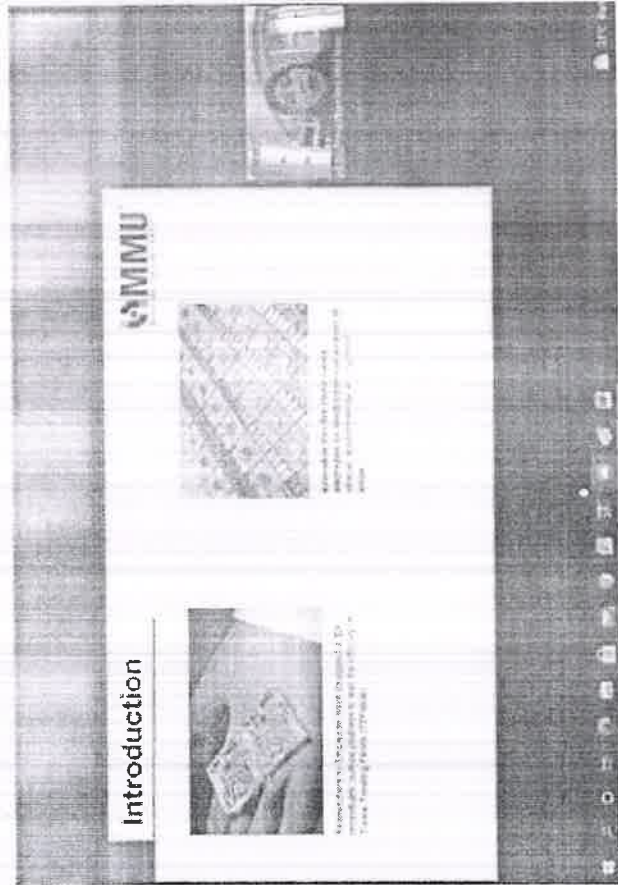
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Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

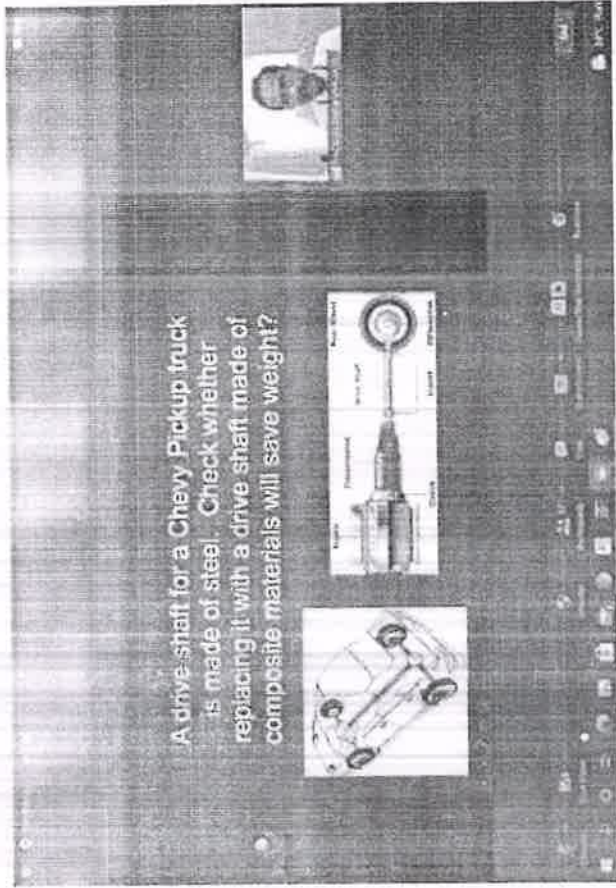
E.G.S. Pillay Engineering College,
Thettri, Nagore - 611 002.

13/09/2021 Sivaram (Dt) Tamil Nadu.

DAY 1



Session 1, Dr.Ervina Efzan, MMU



Session 2, Dr.N.Mohan, Dr.AIT, B'lore

AGIT

YASKAWA
MOTOMAN ROBOTICS

Axis Global Institute of Industrial Training

For Feedback & Suggestion:
feedback@axisglobalautomation.com
training@axisglobalautomation.com

10

Ilango Satharan

Sandoni Ruvinda

Session 3, Industry Presentation by Axis Global Automation Team


ATTESTED

[Signature]

Dr. S. RAMABALAN, M.E., Ph.D.,
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E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Naadu.

13/09/2021

LASER ASSISTED MICRO MANUFACTURING



Srinagaralakshmi
Centre for innovative manufacturing and research (CIMA)
VIT Vellore

Dr. N. Srinagalakshmi
Principal
VIT Vellore

Dr. N. Srinagalakshmi
Principal
VIT Vellore

Dr. N. Srinagalakshmi
Principal
VIT Vellore

Session 4, Dr.N.Srinagalakshmi, VIT-Vellore

AN INSIGHT ABOUT NANOBOTS & MICROBOTS

Dr. S. RAMABALAN,
PRINCIPAL,
E. G. S. PILLAY ENGINEERING COLLEGE,
NAGAPATTINAM.
E-mail: cadstrb@gmail.com

Dr. S. Ramabalan
Principal
E.G.S. Pillay Engineering College
Nagapattinam

Dr. S. Ramabalan
Principal
E.G.S. Pillay Engineering College
Nagapattinam

Dr. S. Ramabalan
Principal
E.G.S. Pillay Engineering College
Nagapattinam

Session 5, Dr.S.Ramabalan, EGSPEC

ADDITIVE MANUFACTURING
(Trends / Technologies)



Dr. V. Sivaraman M.E., Ph.D.,
Principal, Department of Engineering &
E.G.S. Pillay Engineering College, Nagapattinam,
Tamil Nadu.

Dr. V. Sivaraman M.E., Ph.D.,
Principal, Department of Engineering &
E.G.S. Pillay Engineering College, Nagapattinam,
Tamil Nadu.

Dr. V. Sivaraman M.E., Ph.D.,
Principal, Department of Engineering &
E.G.S. Pillay Engineering College, Nagapattinam,
Tamil Nadu.

ISTE - STEP in Advanced Manufacturing Technology Processes & Applications



Session 6, Dr.V.Sivaraman, EGSPEC

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Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu,

14/09/2021




Session 6, Dr.A.S.S.Balan, NIT-Karnataka

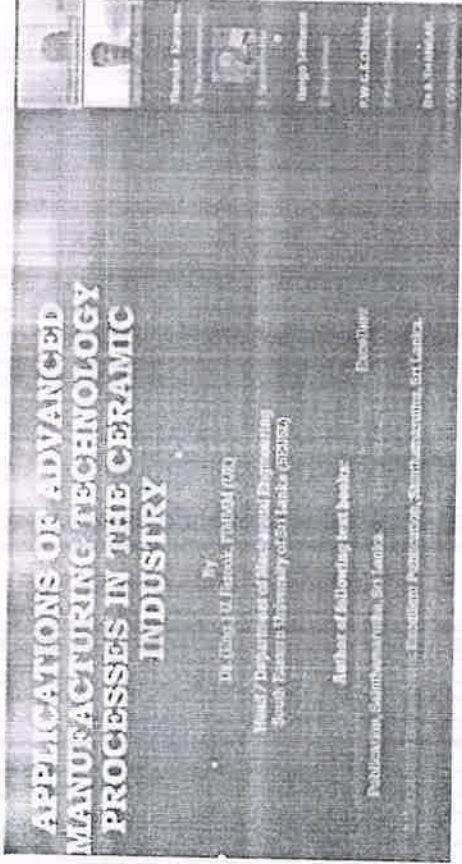


Session 7, Dr.C.V.Biju, JEC, Kerala



Session 8, Dr.U.S.Rao, IIT (BHU), Varanasi


Dr. S. RAMESH ALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.



Session 9, Dr.(Eng.) U.Farook, SEU Sri Lanka



Session 10, Dr.A.Murugarajan SREC, Coimbatore



Session 11, Dr.R.Srikanth, AMTDC, IITM Research Park

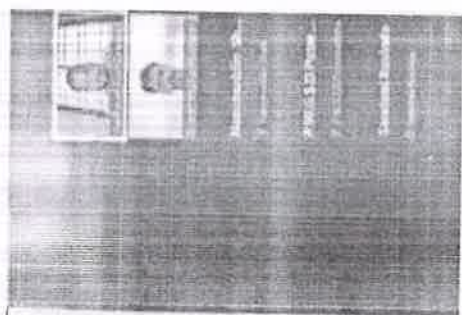
ATTESTED

Dr. S. RAMBALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu,

16/09/2021

Advanced Welding Techniques for Aerospace alloys- Light Weighting Through Joining

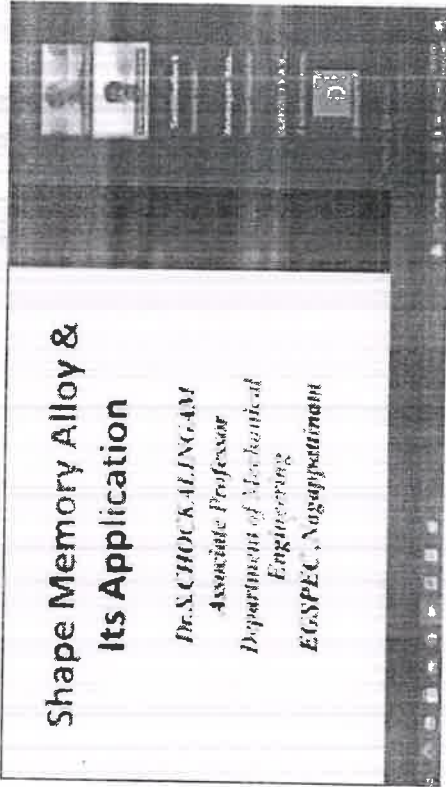
Dr. Madhavan Sundararajan
Professor
NED ELECTRONICS CITY MAHARAJAN
#TAMRAN Resilient Park



Session 12, Dr.S.Madhavan, NEMI, IITM Res.Park Session 13, Dr.R.Elansezhian, PTU, Puducherry

Shape Memory Alloy & Its Application

Dr.S.CHOCKKALINGAM
Associate Professor
Department of Mechanical Engineering
EGSPEC, Nagappattinam



Session 14, Dr.S.Chockalingam, EGSPEC

ATTESTED

Dr. S. RAMASALAN, M.E., Ph.D.,
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E.G.S. Pillay Engineering College,
Thalhi, Nagore - 611 002.
Nagapattinam (DT) Tamil Nadu.

17/09/2021

LIST OF PARTICIPANTS FROM ABROAD

S.No.	Name	University	Country
1.	Dr.G.Venkatesan	Haramaya	Ethiopia
2.	Prof. A.Balasuadhakar	Dire Dawa	Ethiopia
3.	Prof. K.B.M. Sajith Umar	South Eastern Univeristy of Sri Lanka (SEUSL)	Sri Lanka
4.	Y.G.Asanka Ramesh Kumara	SEUSL	Sri Lanka
5.	M.A.A.C. Jayarathne	SEUSL	Sri Lanka
6.	P.W.G.S.D.Pussewaththa	SEUSL	Sri Lanka
7.	Ilango Sritharan	SEUSL	Sri Lanka
8.	PGCSP Gedara	SEUSL	Sri Lanka
9.	H.K. Isuru Prasad Jayanath	SEUSL	Sri Lanka
10.	S.G.N.N.Premalal	SEUSL	Sri Lanka
11.	K.A.D.Randika	SEUSL	Sri Lanka

ATTESTED



Dr. S. RAMABALAN, M.E., Ph.D.
PRINCIPAL

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Theethi, Hagers - 611 002.
Nagapattinam (Dt) Tamil Nadu.

LIST OF PARTICIPANTS FROM ABROAD

S.No.	Name	University	Country
12.	SM Paranavithana	SEUSL	Sri Lanka
13.	Tharuka Indrajith Karunamuni	SEUSL	Sri Lanka
14.	M.R.H.S.Gunathilaka	SEUSL	Sri Lanka
15.	P.H.Sanduni Ruvinda	SEUSL	Sri Lanka
16.	K. G. P. M. Silva	SEUSL	Sri Lanka
17.	E.C.S.S. Ananda	SEUSL	Sri Lanka

ATTESTED



Dr. S. RAMASUBALAN, M.E., Ph.D.,

PRINCIPAL

E.G.S. Pillay Engineering College,

Theithi, Nagore - 611 002.

Nagapattinam (Dt) Tamil Nadu.

CERTIFICATE

OF PARTICIPATION



Mr. K. B. M. Sajith Umar

Instructor, South Eastern University of Sri Lanka

has participated in the Indian Society for Technical Education (ISTE) sponsored short term training program (STTP) on "Advanced Manufacturing Technology Processes & Applications" organized by E.G.S.Pillay Engineering College (Autonomous), India during 13-09-2021 to 17-09-2021 through online mode.

Dr. N. RAMANUJAM

Coordinator

V. Sivaraman

Dr. V. SIVARAMAN

Coordinator

Dr. S. RAMABALAN

PRINCIPAL

ATTESTED

Dr. S. RAMALINGAM, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College,
Thechi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

CERTIFICATE

OF PARTICIPATION



Dr. Govindarajan Venkatesan
HARMAYA UNIVERSITY, ETHIOPIA

has participated in the Indian Society for Technical Education (ISTE) sponsored short term training program (STTP) on "Advanced Manufacturing Technology Processes & Applications" organized by E.G.S.Pillay Engineering College (Autonomous), India during 13-09-2021 to 17-09-2021 through online mode.

Dr.N.RAMANUJAM

Coordinator

Dr.V.SIVARAMAN

Coordinator

Dr.S.RAMABALAN

PRINCIPAL

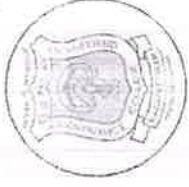
ATTESTED

Dr.S.RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College,
Thalji, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

CERTIFICATE

OF PARTICIPATION



ALAPATIJS A VEERANJANEYA VARA PRASAD

LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

has participated in the Indian Society for Technical Education (ISTE) sponsored short term training program (STTP) on "Advanced Manufacturing Technology Processes & Applications" organized by E.G.S.Pillay Engineering College (Autonomous), India during 13-09-2021 to 17-09-2021 through online mode.

Dr.N.RAMANUJAM

Coordinator

Dr.V.SIVARAMAN

Coordinator

Dr.S.RAMABALAN

PRINCIPAL

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College,
Theethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

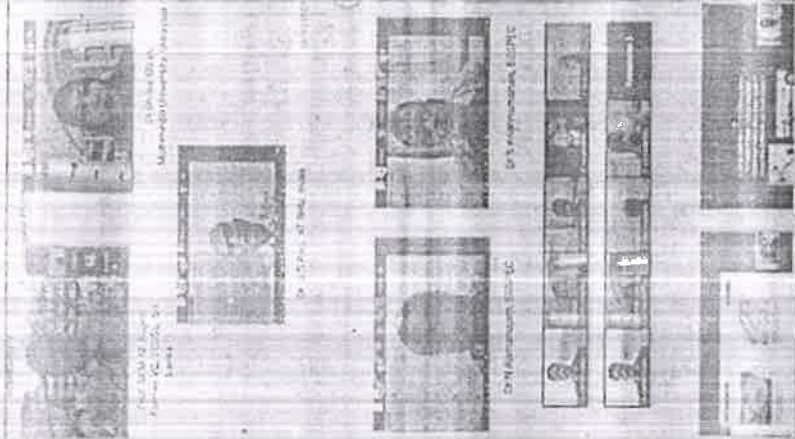
நாகை இ.ஜி.எஸ் பிள்ளை பொறியல் கல்லூரியில்

ஆசிரியர்கள்- மாணவர்களுக்கு ஆன்லைன் பயிற்சி

நாகை இ.ஜி.எஸ் பிள்ளை பொறியல் கல்லூரியில் ஐதல்பி.இ ஆதரவுடன் இயந்திரவியல் துறை சார்பாக ஆசிரியர்கள் மாணவர்களுக்கான ஒரு வார கால பயிற்சி வகுப்புகள் நடைபெற்றது. இலங்கை தொழில்நுட்ப பல்கலைக்கழக முன்னாள் வேந்தர் நூஜிம் துவக்கி வைத்தார். சிறப்பு அலுவலராக மலேசியா மலடி ம்புரா பல்கலைக்கழக பேராசிரியர் ஏர்வினா மற்றும் பி.கு. ராஜு பேராசிரியர்கள் கலந்துகொண்டு இந்த பயிற்சியில் புதிய கண்டுபிடிப்புகள் இயந்திரவியல் தொடர்புடைய நவீன தொழில்நுட்பங்கள் மற்றும் ஆராய்ச்சி ஆய்வுகளை இந்தியா இலங்கை மற்றும் மலேசியா பல்கலைக்கழக பேராசிரியர்கள் ஆன்லைன் மூலம் சொல்லிக் கொடுத்தார்கள்.

ஐஐடி சென்னை ஆராய்ச்சி மையம் உள்ள கம்பெனிகளும் கலந்துகொண்டு தங்களுடைய ஆராய்ச்சி முடிவுகளை பகிர்ந்து கொண்டனர். ஒருவார கால பயிற்சி மினை தொழில் மற்றும் வெளிநாட்டு துறை இயக்குனர் முனைவர் சிவராமன் மன் முனைவர் ராமானுஜம் ஆசீயோர் ஒருங்கிணைத்து நடத்தினர்.

நிறுவன விழாவில் திருச்சி தேசிய தொழில்நுட்பக் கழக மன் முனைவர் செல்வம் தலைமை தாங்கினார். அண்ணா பல்கலைக்கழக முனைவர் இளஞ்செழியன் ஆசீயோர் ஸ்ரீலங்கை இலங்கை கலாச்சாரப் பரிந்துரை பொருள்நிலைப்படுத்தல் ஆணைப்படி தலைவர் நேரடியான அம்மாள் செயலர் பரிமேல்வரன் உறுப்பினர் சங்கர் கணேஷ், சி.இ.ஓ. முனைவர் சந்திரசேகர், முதல்வர் முனைவர் இராம பாலன், மன் முனைவர் கிருஷ்ணமோகன் ஆசீயோர் கலந்துகொண்டனர்.



ஆன்லைன் பயிற்சி நடந்தபோது எடுத்த படம்.

ATTESTED

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இயந்திரவியல் அதிநவீன தொழில்நுட்பங்கள் குறித்த இணையவழி கருத்தரங்கம்

நாகப்பட்டினம், செப். 19: நாகை இ.ஐ.எஸ்.பி.சி.என் பொறியியல் கல்லூரியில் இயந்திரவியல் துறை சார்பில் அதிநவீன தொழில்நுட்பங்கள் குறித்த ஒருவாரகால இணையவழி கருத்தரங்கம் நடைபெற்றது.

4-துழுவியல் உள்ள ஆன்ட் 4-துழுவியல் உள்ள ஆன்ட் 17-ஆம் தேதி வரை நடைபெற்று இக்கருத்தரங்கம் மற்றும் பயிற்சி வகுப்பை இலங்கை தென்கிழக்குப் பல்கலைக்கழக முன்னாள் துணைவேந்தர் எம்.எம். என். நானிம் இணையவழியில் தொடங்கி வைத்தார். மலேசியா மலேசியா பல்கலைக்கழக பேராசிரியர் எர்வினா மற்றும் பேராசிரியர் ரமன் ஆகியோர் பங்கேற்றனர்.

முதல் அன்றையிடுபுகள், இயந்திரவியல் தொடர்பான அறிவு வள தொழில்நுட்பங்கள் மற்றும் ஆராய்ச்சி ஆய்வுகளை இந்தியா, இலங்கை மற்றும் மலேசியா பல்கலைக்கழக பேராசிரியர்கள் இணையவழி மூலம் விளக்கும் அறிந்தனர். சென்னை ஐஐடி வளாகத்தில் உள்ள நிறுவனங்களும் பங்கேற்று தங்களுடைய

ஆராய்ச்சி முடிவுகளை பகிர்வு செய்து கொள்ளும். இந்த பயிற்சி வகுப்பில் இந்தியா, இலங்கை மற்றும் எத்தியோப்பியா நாட்டை சேர்ந்த பேராசிரியர்கள் மற்றும் மாணவர்கள் பங்கேற்றனர். கல்வியில் தொழில் மற்றும் வெளி நாட்டு அறை இயக்குநர் சிவராஜன், துணைவேந்தர் ராமானுஜம், தேர்வு நெய்யாவர் சின்னத்துரை ஆகியோர் கருத்தரங்கை ஒருங்கிணைத்தனர். பயிற்சி நிறைவு விழாவுக்கு, திருச்சி தேசிய தொழில்நுட்பக் கழக முன்னாள் துணைவேந்தர் தலைமை வகித்தார். அண்ணா பல்கலைக்கழக பேராசிரியர் கந்தபாடி புதுவை பொறியியல் கல்லூரி பேராசிரியர் இனஞ்செரியன் ஆகியோர் சிறப்பு அழைப்பாளர் களாகப் பங்கேற்றுப் பேசினார். இ.ஐ.எஸ்.பி.சி.என் கல்வி நிறுவனங்களின் தலைவர் எஸ். ஜோதிமணி, செயலாளர் பாரமேஸ்வரன், அறக்கட்டளை உறுப்பினர் சங்கர் தனோஷ், முதன்மை நிர்வாக அலுவலர் சந்திரசேகர், கல்லூரி முதல்வர் ராமராவன், முதன்மை யர் கிருஷ்ணமோகன் உள்ளிட்டோர் பங்கேற்றனர்.

ATTESTED



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THANK YOU ALL

**E.G.S. PILLAY ENGINEERING COLLEGE
(AUTONOMOUS)**

Old Nagore Road, Thethi, Nagore Village, Nagapattinam – 611002

DEPARTMENT OF MECHANICAL ENGINEERING



Report

Two Days Training Program

on

Additive Manufacturing

20.12.2021-21.12.2021

E.G.S. PILLAY ENGINEERING COLLEGE, Nagapattinam

DEPARTMENT OF MECHANICAL ENGINEERING

Non-Teaching Training Program

Title: Training Program on Additive Manufacturing

S. No.	Content
1.	Report
2.	Approval letter from Principal
3.	Proposed Budget
4.	Circular
5.	Schedule
6.	Attendance
7.	Course material
8.	Photos
9.	Feedback from participants
10.	Certificates



E.G.S. PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Accredited by NAAC with 'A' Grade
Department of Mechanical Engineering
(Accredited by NBA)

A REPORT ON TWO DAY TRAINING PROGRAM
ON
ADDITIVE MANUFACTURING

The department of Mechanical Engineering, E.G.S. Pillay Engineering College, Nagapattinam organized a training program for non-teaching faculty members of E.G.S. Pillay group of institutions on 20.12.2021 and 21.12.2021. The program was entitled as "Training Program on Additive Manufacturing". The coordinator for this program was Dr. V. Sivaraman, Professor, Department of Mechanical Engineering.

The session was inaugurated by the Hon'ble secretary of the Institution Shri.S.Pamesvaran, and the E. G. S. Pillay trust member Mr. S. Sankarganesh, Principal Dr. S. Ramabalan and Controller of Examination Dr. M. Chinnadurai. The Prof.G. Sundaravadivel welcomed the gathering and followed by inaugural speech by Dr. G. Gurumoorthi, HOD/MECH.

The training session was handled by the internal expert member Dr. V. Sivaraman, Professor/MECH. Initially, a lecture session was given on the basic concepts on additive manufacturing. Then, a hands-on training session was given to the participants on the handling of 3D printer.

Finally, certificates were distributed to all the participants and vote of thanks was given by Prof. G. Sundaravadivel of the department of mechanical.

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PROGRAM COORDINATOR

HOD/MECH

From

Dr.G.Gurumoorthi
Head of the department
Department of Mechanical Engineering
E.G.S.Pillay Engineering College
Nagapattinam

To

The principal
E.G.S.Pillay Engineering College
Nagapattinam.

12/12/21

Sub: Request for permission to conduct training program for non-teaching staff-reg

Respected Sir,

As per the instruction from management, the department of Mechanical Engineering has planned to conduct a training program on Additive manufacturing for the non-teaching staff of civil, electrical and electronics and Mechanical Engineering. So, in this context I kindly request to avail permission to pursue the program in the month of December 2021.

Thanking you

Date: 12.12.2021

Place: Nagapattinam.

ATTESTED
[Signature]
Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

Yours truly

[Signature]
(Dr.G.Gurumoorthi)

E.G.S. PILLAY ENGINEERING COLLEGE, Nagapattinam

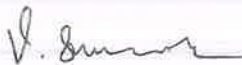
DEPARTMENT OF MECHANICAL ENGINEERING

Title: Training Program on Additive Manufacturing

Date: 20.12.2021&21.12.2021

PROPOSED BUDGET

S. No.	ITEMS DESCRIPTION	QUANTITY REQUIRED	AMOUNT / QUANTITY (Rs.)	ESTIMATED AMOUNT (Rs.)
1.	Tea & Snacks	15*(4 sessions)	20	1200
2.	Flex	1	400	400
3.	Report preparation	1	250	250
4.	Certificate	10	40	500
5.	Food for Participants & Organizers	15*(2 sessions)	90	2700
Total Amount				5050


Program Coordinator

ATTESTED

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Nagapattinam (Dt) Tamil Nadu.


HoD/Mech


**E.G.S.Pillay Engineering College,
Nagapattinam.
Department of Mechanical Engineering**

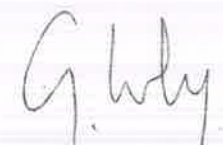
Circular

Date: 13.12.2021

It is hereby informed to the non-teaching staffs of the department of Mechanical, Civil and Electrical and electronics engineering, the department of Mechanical Engineering It is hereby planned to conduct a training program on Additive manufacturing for two days from 20.12.2021–21.12.2021. All the non-teaching staffs of the above said department are instructed to attend the program without fail.

ATTESTED


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Nagapattinam (Dt) Tamil Nadu.**


HOD/Mech

Copy to:

The Secretary, The Joint Secretary, The Principal, All HODs, Office file, Department file

E.G.S. PILLAY ENGINEERING COLLEGE, NAGAPATTINAM

DEPARTMENT OF MECHANICAL ENGINEERING

Non-Teaching Training Program

Title: Training Program on Additive Manufacturing

Date: 20/12/2020 TO 21/12/2020

1. PROGRAM SCHEDULE:

S. No	DATE	SESSION	COURSE DESCRIPTION	BENEFICIARIES
1	20.12.2020	FN	Introduction to Additive Manufacturing	Non-teaching staffs of department of Mechanical, Civil and EEE
		AN	3-D Printing of Polymeric Components	
2	21.12.2020	FN	Hands on Training on 3-D modelling for printing the component	
		AN	Hands on Training on 3-D Printing using 3-D printer	

2. PARTICIPANTS DETAILS:

PARTICIPANTS DETAILS	MAXIMUM NUMBER OF PARTICIPANTS
All Technical Assistant/Supporting staff	20

3. RESOURCE PERSONS:

RESOURCE PERSON	CONVENER	PROGRAM COORDINATOR
Dr. V. Sivaraman, Professor/MECH	Dr. G. Gurumoorthi, Professor and HOD/MECH	Dr. V. Sivaraman, Professor/MECH


Program coordinator

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HOD

E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM

DEPARTMENT OF MECHANICAL ENGINEERING

TRAINING PROGRAM FOR NON-TEACHING STAFF

ATTENDANCE

S.NO	STAFF NAME	DEPARTMENT	20.12.2021		21.12.2021	
			FN	AN	FN	AN
1	Mr.S.Sakthivel	MECHANICAL	fn	fn	fn	a
2	Mr.S.Venkatesan	MECHANICAL	sv	sv	sv	sv
3	Mr.K.Rajasekaran	CICIL	ka	ka	ka	ka
4	Mr.S.Ramamoorthy	MECHANICAL	hr	hr	hr	hr
5	Mr.G.Chellappa	MECHANICAL	ch	ch	ch	a
6	Mr.V.Ramu	MECHANICAL	vr	vr	vr	vr
7	Mr.K.Balamurugan	MECHANICAL	Bm	Bm	Bm	a
8	Mr.S.Joseph	MECHANICAL	js	js	js	js
9	Mr.R.Vignesh	EEE	vj	vj	vj	vj
10	Mr.M.Nagarajan	EEE	m	m	m	m

V. Saranam.

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Raj
Dr. S. RAMABALAN, M.E., Ph.D.,
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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

Raj



Additive Manufacturing

Reminder - Mini assignment!

- Design a unique, functional object that you would like to have
 - Pencil holder, chair, toy, lamp, etc...
 - Just a concept drawing or description
- Remember
 - Endless design opportunities
 - Think outside the box

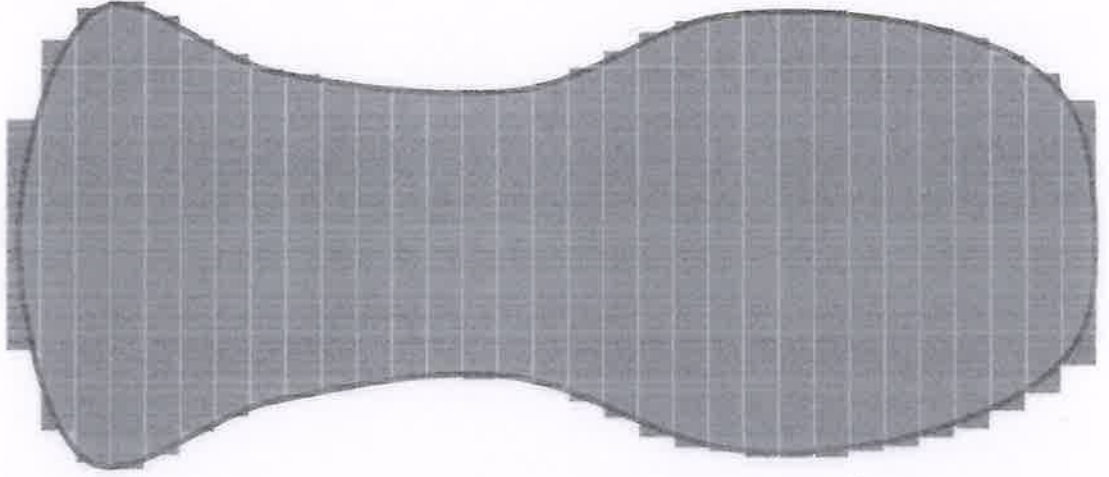
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Basics of 3D Printing



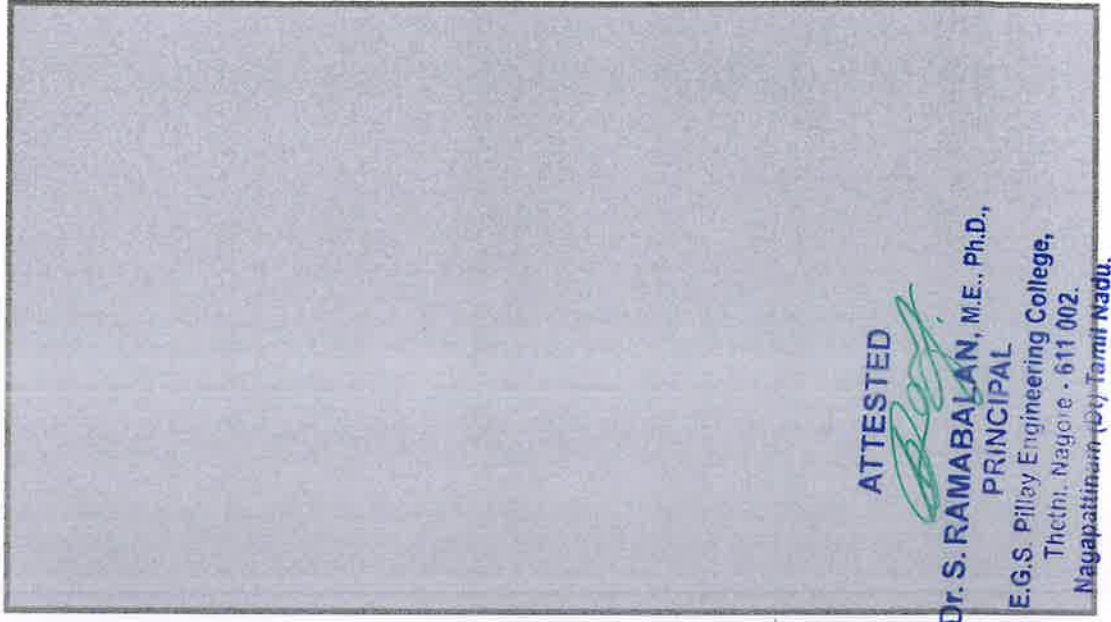
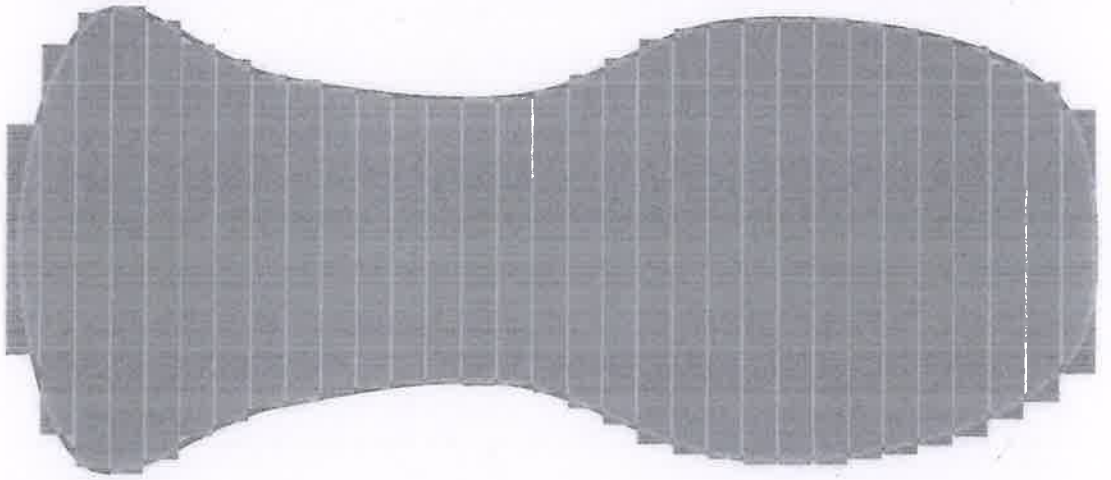
“3D Printing” coined
at MIT in 1995

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Additive vs. Subtractive Manufacturing



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Thiruthi. Nagore - 611 002.
Nagapattinam (Dist) Tamil Nadu.

Much of current manufacturing is subtractive

Subtractive Manufacturing

www.disn.co.jp

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THE CAM COMPANY

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DAISHIN SEIKI CORPORATION

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Thethi, Near ITC, 611 002,
Nagapattinam, Tamil Nadu.

hyperMILL[®]
AXIS

Subtractive Manufacturing - Limitations

?

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Nagapattinam (Dt) Tamil Nadu.

Basics of 3D Printing - possible issues?

- Overhangs & support structures
- Print direction
- Fill-in and hollow objects
- Materials
- Layer Resolution
- Price
- Safety and ease of operation
- Need for post-processing
- ...

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Overview of 3D Printing Technologies

- Fused deposition modeling (FDM)
- Stereolithography (SLA)
- DLP 3D printing
- Photopolymer Phase Change Inkjets (PolyJet)
- Selective laser sintering (SLS)
 - Direct metal laser sintering (DMLS)
- Plaster-based 3D printing (PP)
 - Powder bed and inkjet head 3D printing
- Thermal Phase Change Inkjets
- Laminated object manufacturing (LOM)

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Overview of 3D Printing Technologies

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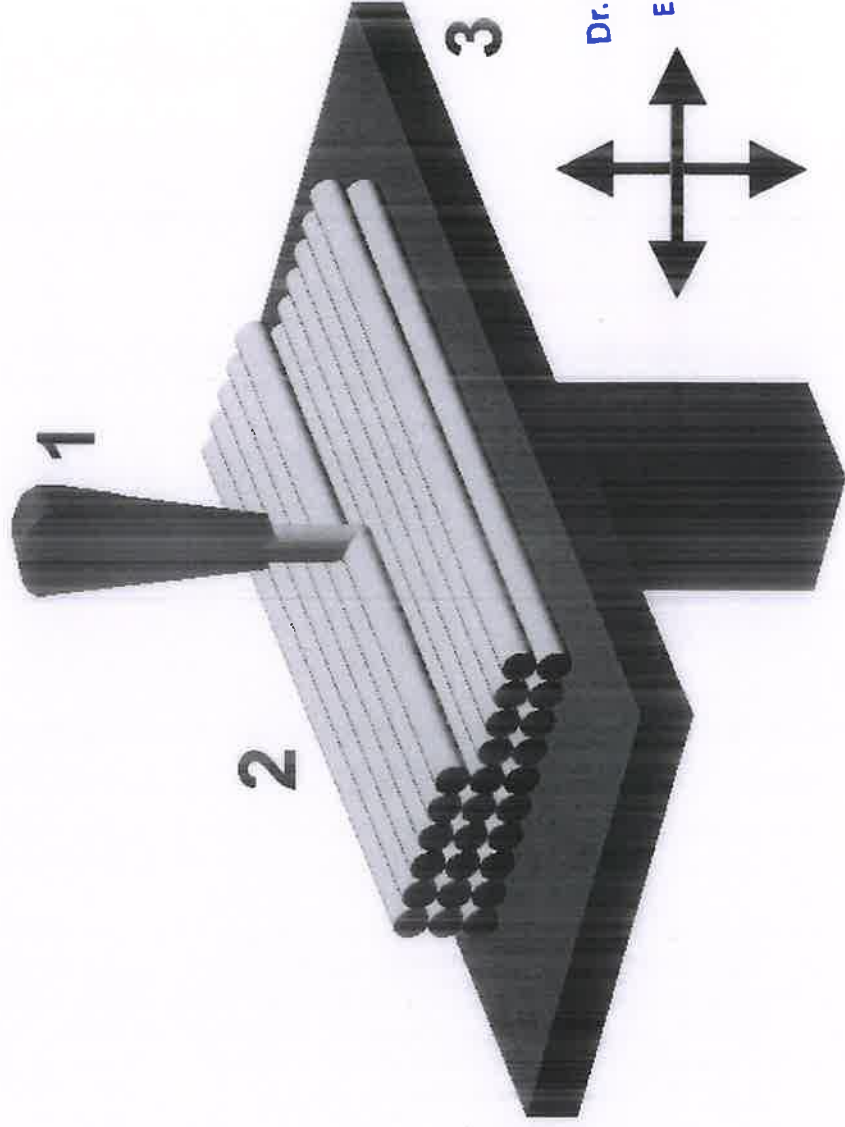
Thamiraparani - 611 002.

Nagapattinam, Tamil Nadu.



Fused Deposition Modeling (FDM)

Developed by Scott and Lisa Crump in the late 80s
FDM is trademarked by Stratasys
AKA Fused Filament Fabrication (FFF)

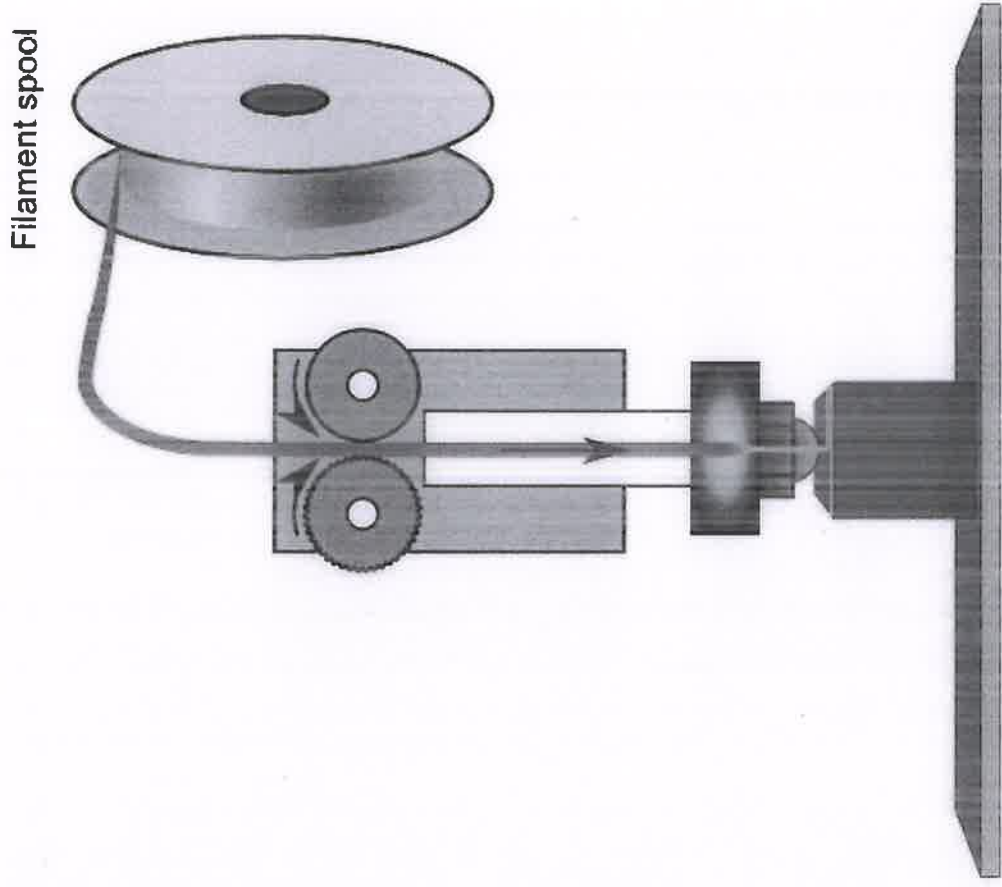


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Dr. S. RAMARAJAN, M.E., Ph.D.,
Principal

E.G.S. Pillay Engineering College,
Thamiraparani - 626 002,
Nagapattinam City Tamil Nadu.

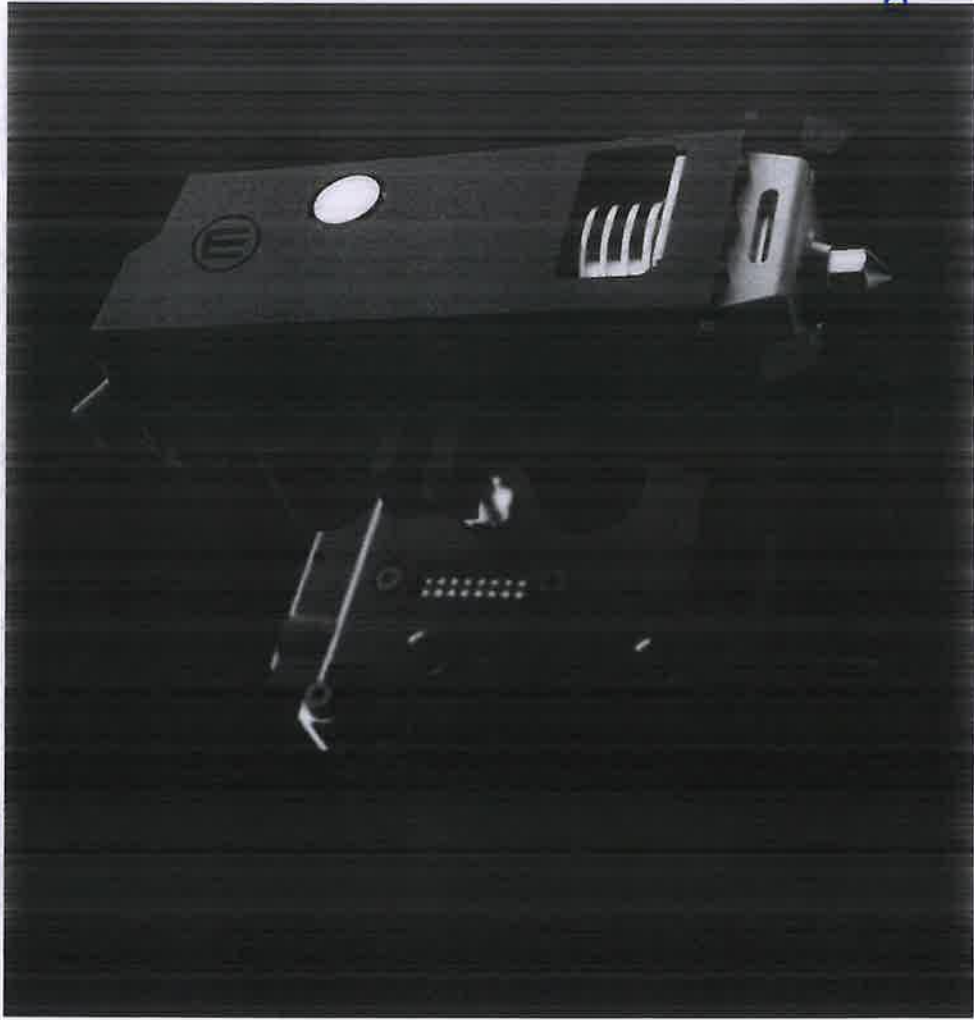
Fused Deposition Modeling (FDM)



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Thefti Nagar, 531 02,
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Fused Deposition Modeling (FDM)

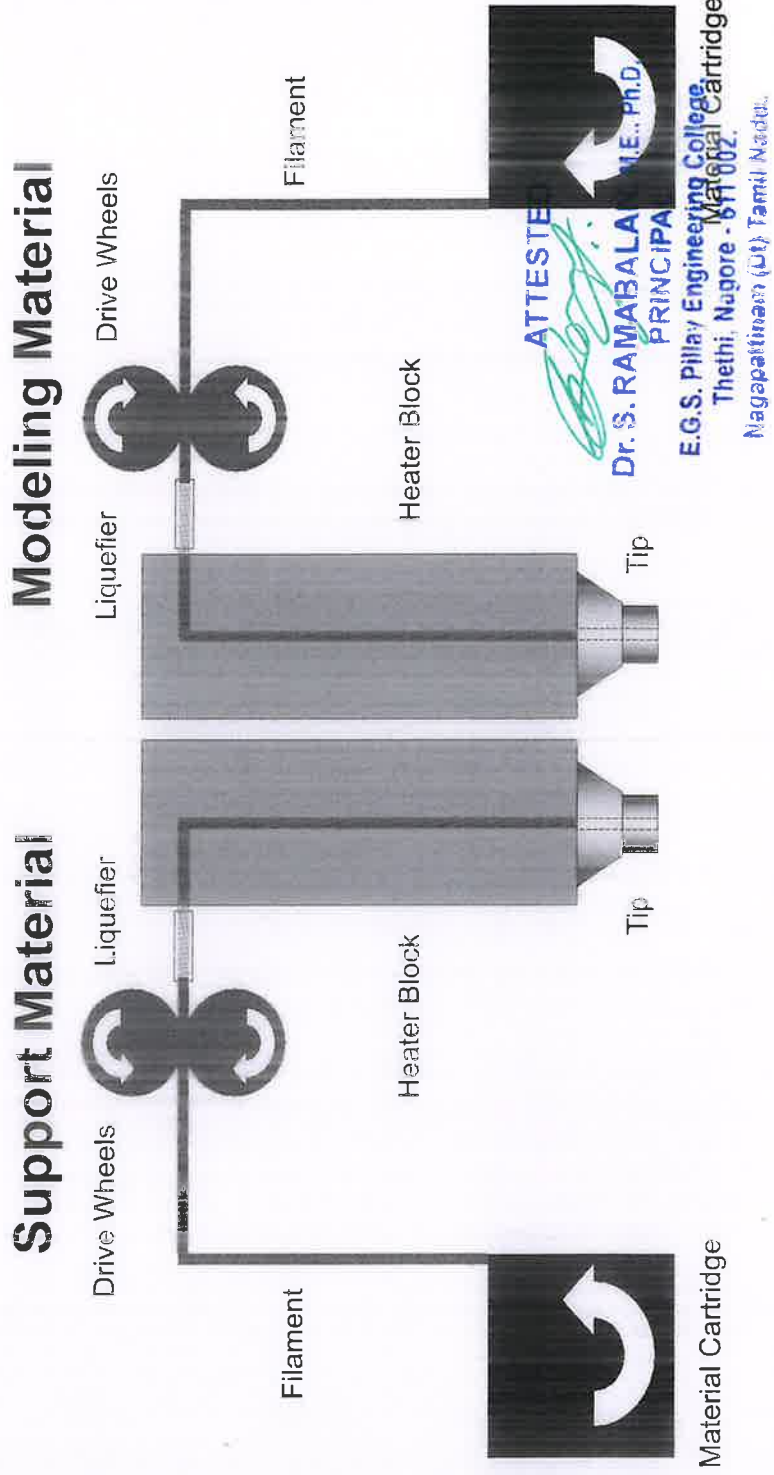
- Filament is made of thermoplastic materials
 - Acrylonitrile butadiene styrene (ABS)
 - Polylactide (PLA) - biodegradable!
 - Many new materials



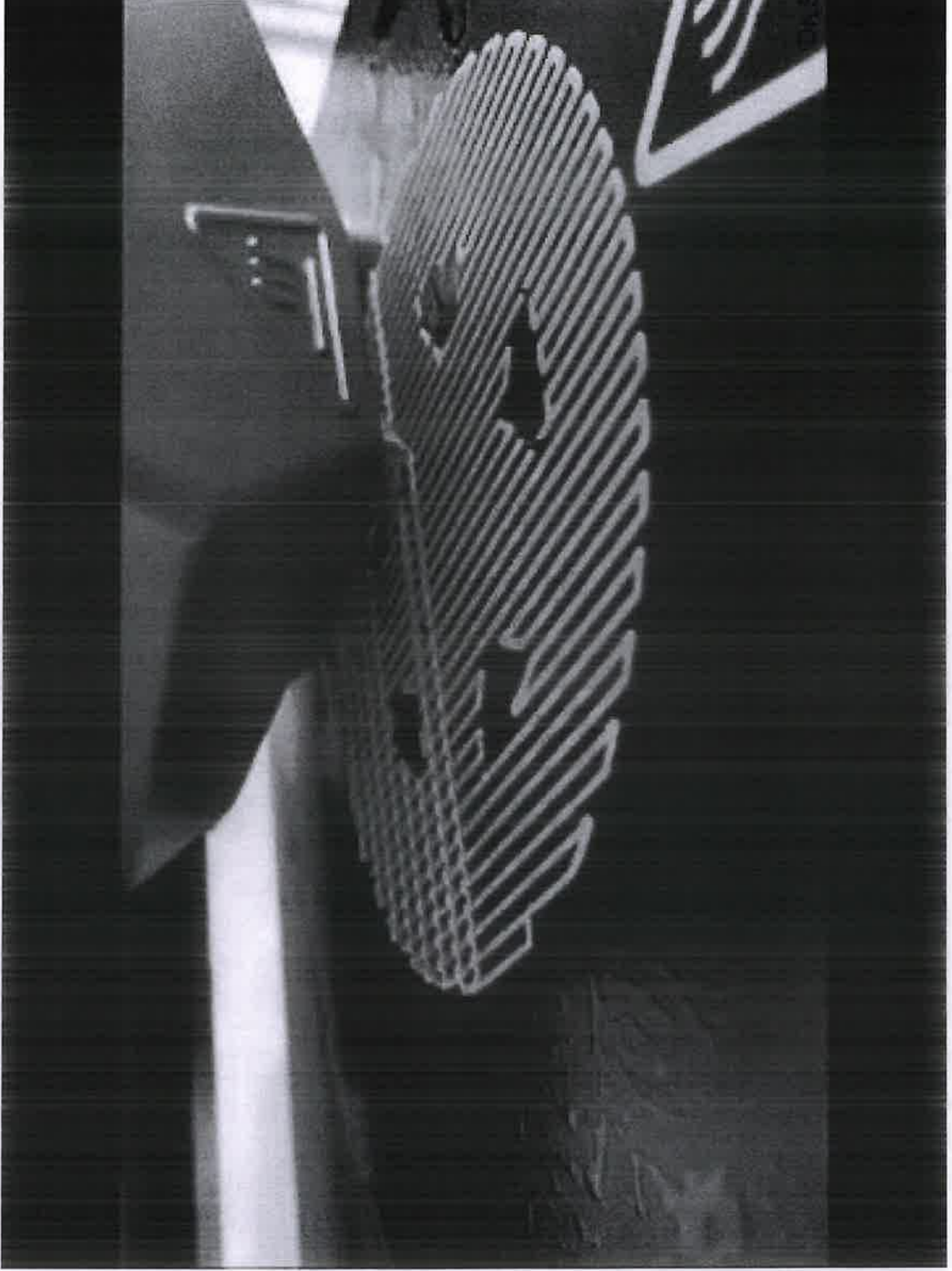
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Thethi, Nagarcot - 61
Nagepattinam (DU) Taluk

Fused Deposition Modeling (FDM)

- Dual extruder machines exist
 - Temporary support structures can be made from water-soluble materia
 - Two colors



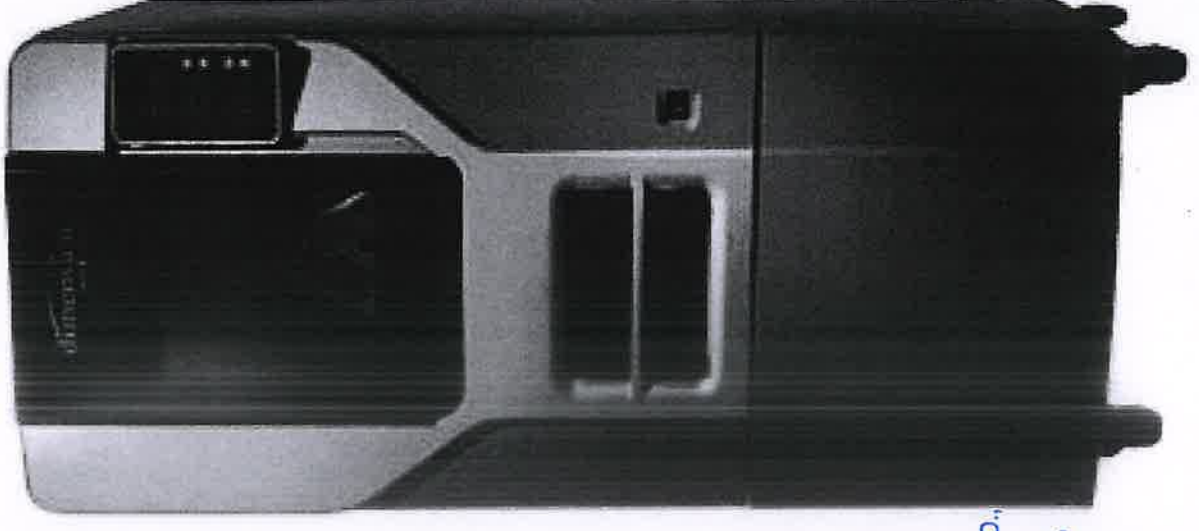
FDM Process Timelapse



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Fused Deposition Modeling - Commercial Systems

- Stratasys
 - Dimension family
- Z resolution: 0.18 mm
- Build size: 8 x 8 x 12 inches
- Limited color
- Limited material types



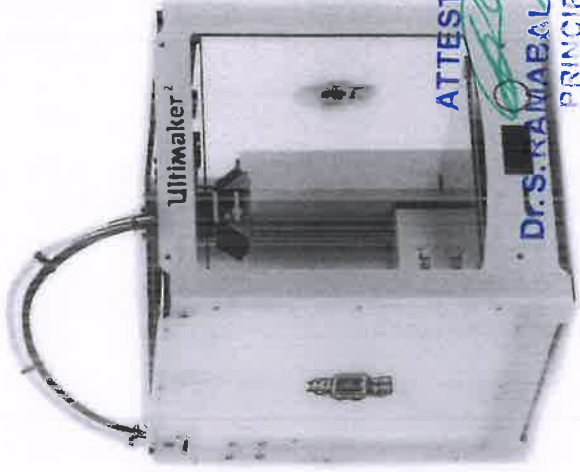
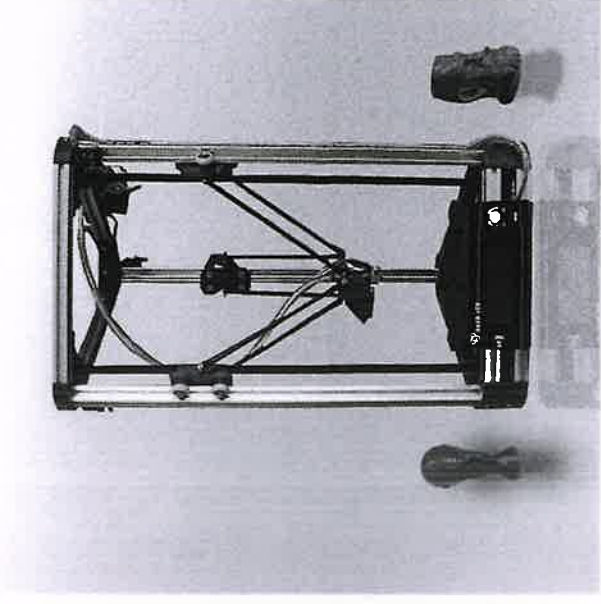
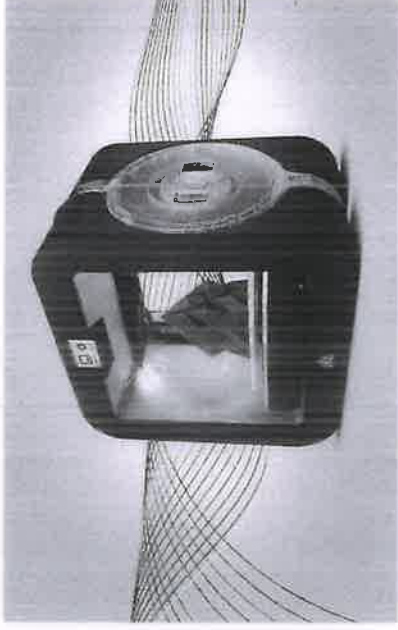
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Fused Deposition Modeling - Clones

- MakerBot
- Delta 3D Printer
- Ultimaker
- Cube from 3D Systems
- And many others



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Overview of 3D Printing Technologies

- Fused deposition modeling (FDM)
- Stereolithography (SLA)
- DLP 3D printing
- Photopolymer Phase Change Inkjets (PolyJet)
- Selective laser sintering (SLS)
 - Direct metal laser sintering (DMLS)
- Plaster-based 3D printing (PP)
 - Powder bed and inkjet head 3D printing
- Thermal Phase Change Inkjets
- Laminated object manufacturing (LOM)

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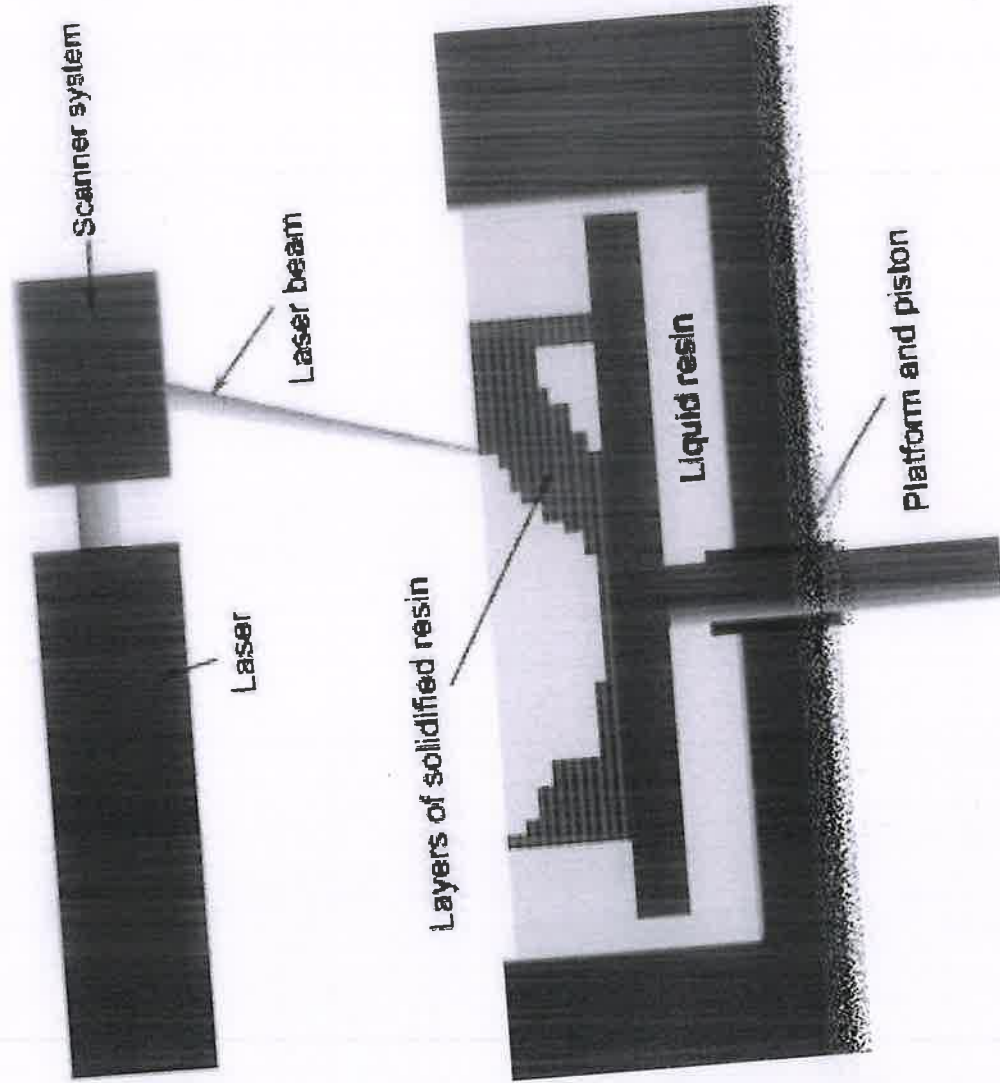
Government Engineering College,
Theruvu, Aggrah, 611 002.

Nagapattinam (By Tamil Nadu,



Stereolithography (SLA)

- SLA uses liquid photo-reactive resin
- Laser beam traces one layer on the surface of the resin
- Laser light cures and solidifies parts it hits
- The platform descends by one layer

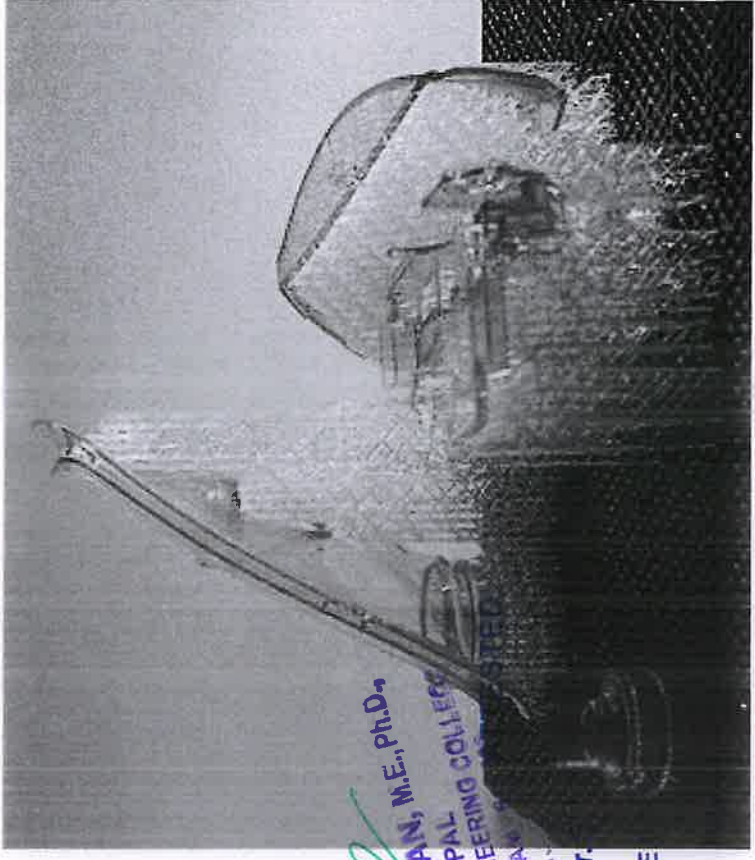
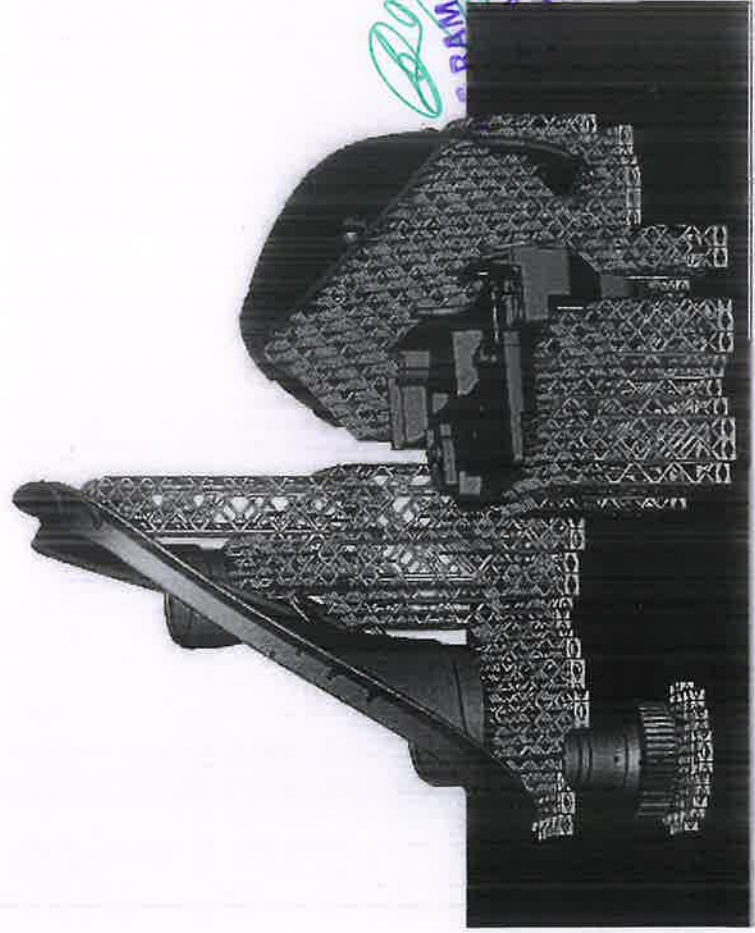


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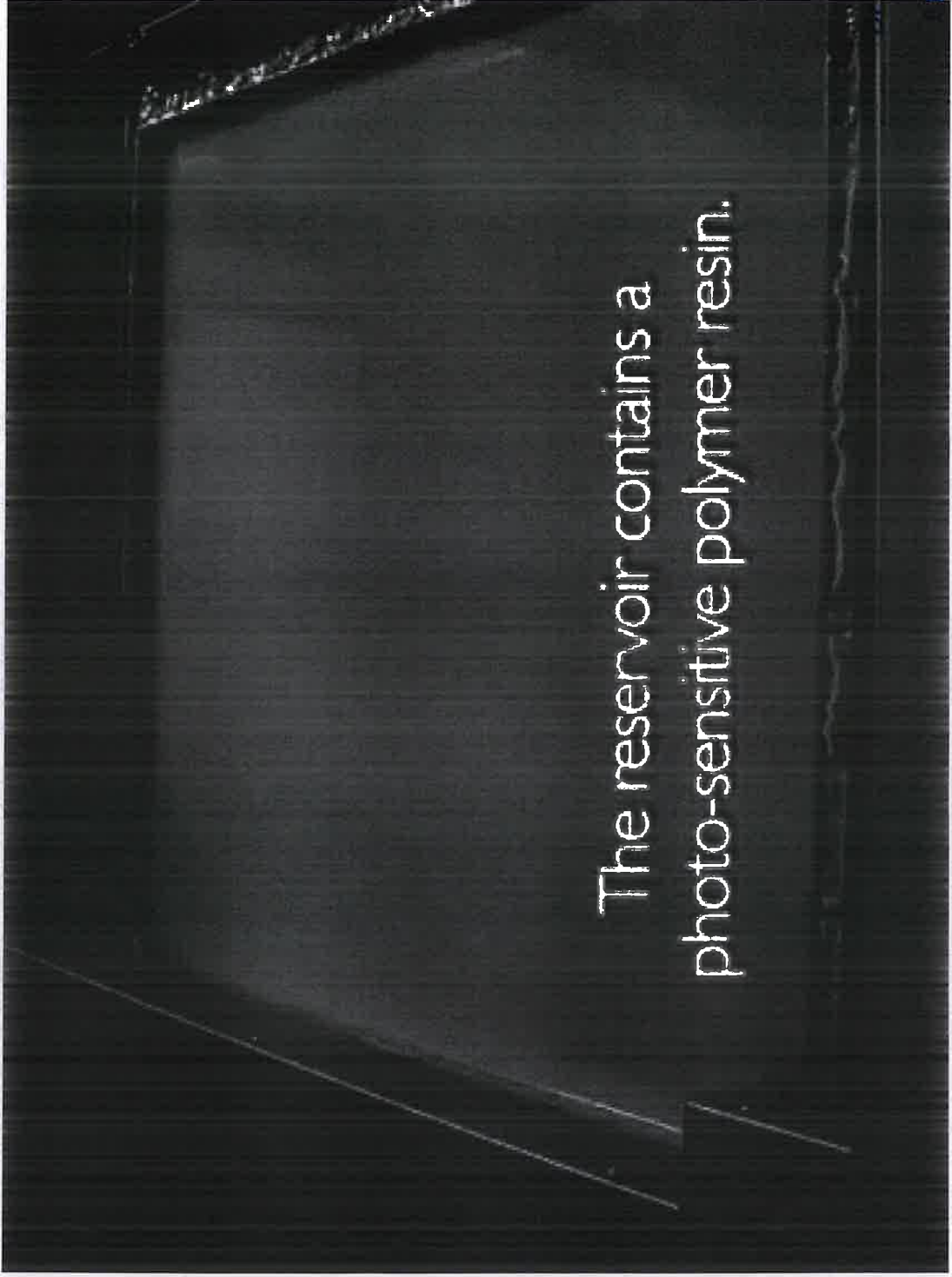
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NAGAPATTINAM - 611 002.

Stereolithography (SLA)

- Support structure
 - thin support lattice can be broken off



Stereolithography Process



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Thechi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu.

http://www.youtube.com/watch?feature=player_embedded&v=5L5vdpklrtU

Stereolithography - History

- Developed by Charles Hull in the 80s
- Coined term stereolithography
- Founded 3D Systems in 1986

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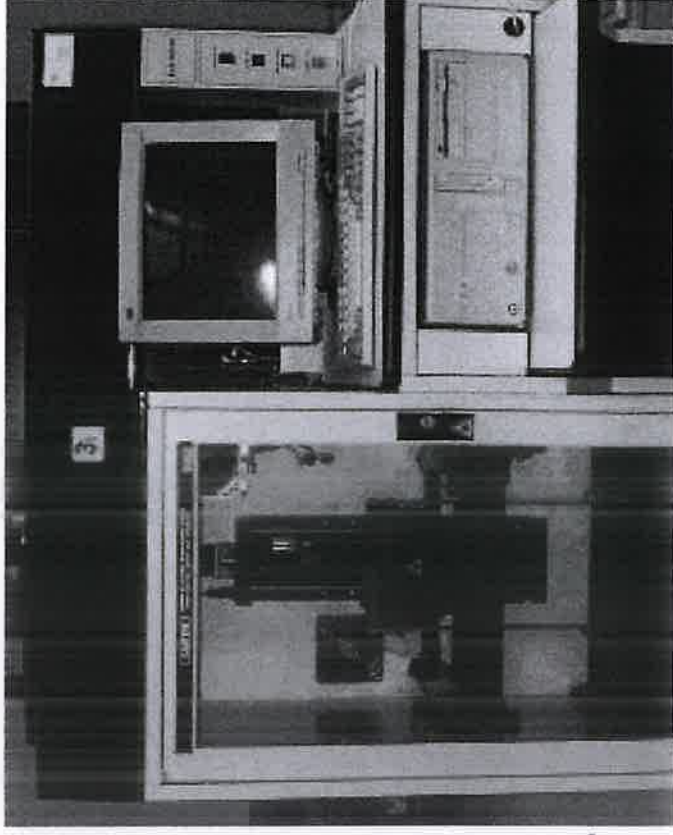
Charles Hull next to one of his latest

3D printers the SLA7000



Stereolithography - 3D Systems

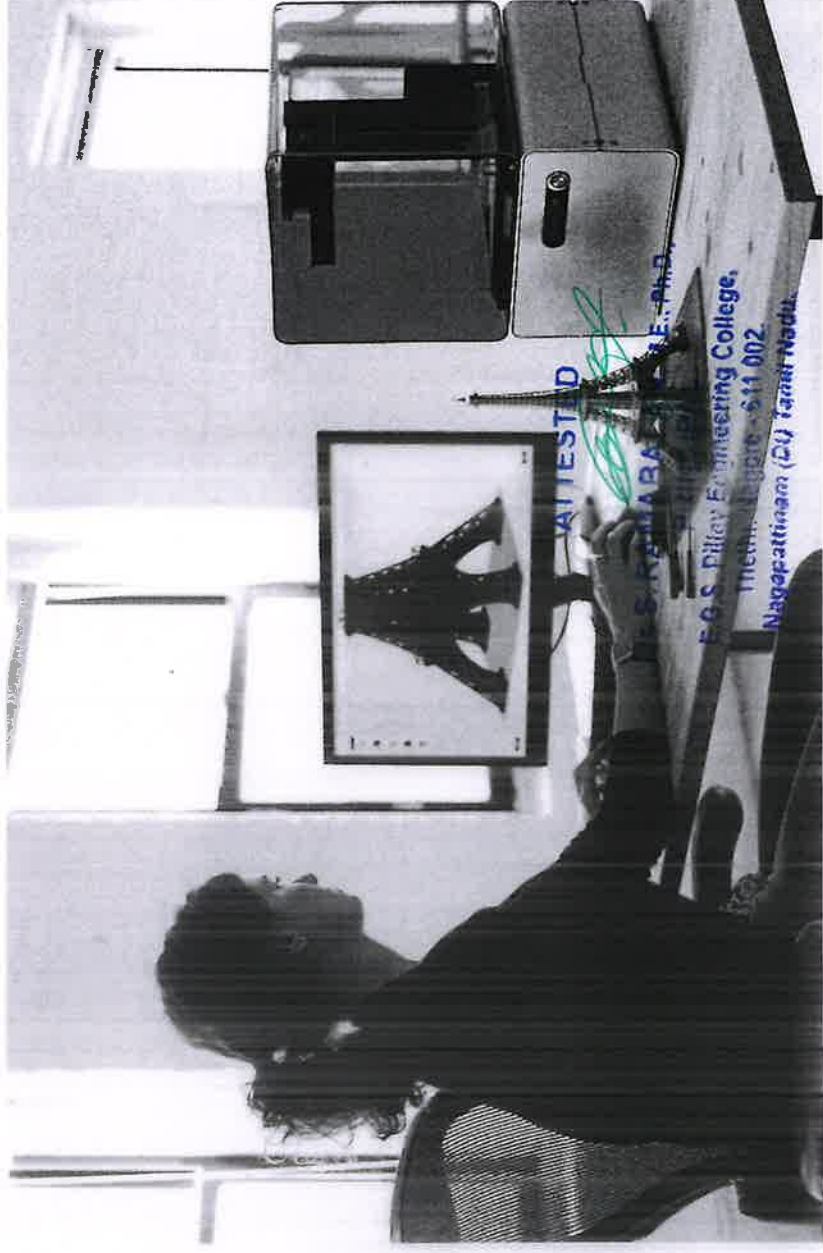
- Two main families
 - ProJet
 - iPro
- Build volume: varies, can be very large
- Resolution up to 0.05mm
- Materials (only one can be used):
 - photopolymers
 - clear, opaque, temperature resistant, ceramic-like, abs-like



Dr. S. Ramabalan
DR. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
PULLAY ENGINEERING COLLEGE
603 001, NAAGPATTINAM - 611 001.

Stereolithography - Clones

- Formlabs
 - Smaller build volume
 - Similar resolution
 - Much less expensive



Overview of 3D Printing Technologies

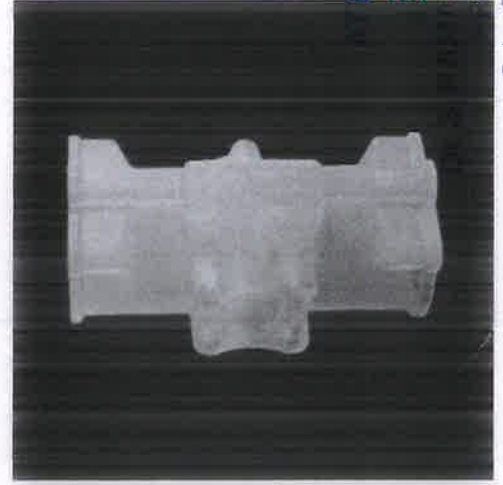
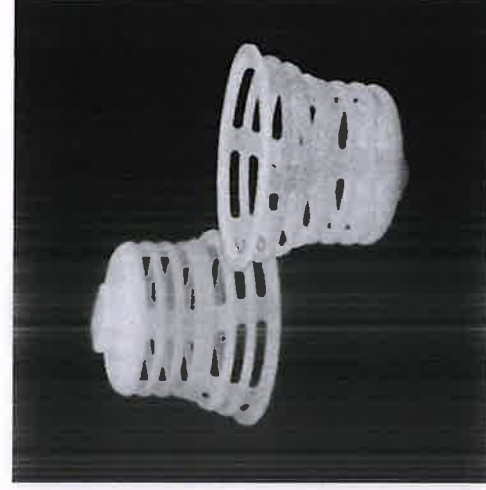
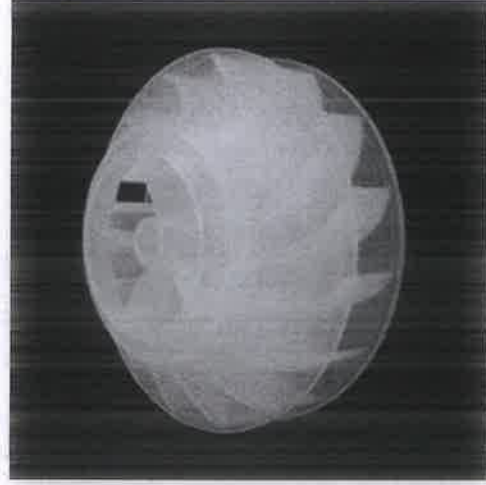
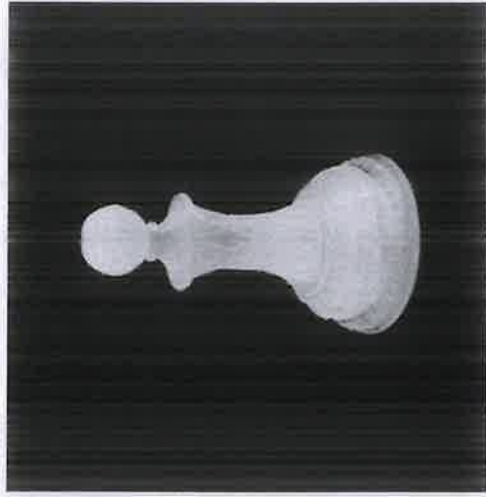
- Fused deposition modeling (FDM)
- Stereolithography (SLA)
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 - Direct metal laser sintering (DMLS)
- Plaster-based 3D printing (PP)
 - Powder bed and inkjet head 3D printing
- Thermal Phase Change Inkjets
- Laminated object manufacturing (LOM)

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Principal
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Sample Fabricated Objects



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INGPA


E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
DEPARTMENT OF MECHANICAL ENGINEERING
TRAINING PROGRAM ON ADDITIVE MANUFACTURING

FEED BACK FORM

S. SATISHVEL

-
- | | |
|--|------------------------------|
| 1. In the way trainers trained you | : Excellent / Good / Average |
| 2. Course contents | : Excellent / Good / Average |
| 3. In the way trainers cleared your doubts | : Excellent / Good / Average |
| 4. Impact of this program in your career | : Excellent / Good / Average |
| 5. Practical Sessions | : Excellent / Good / Average |
| 6. Suggestions if any | |
-


Signature

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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.



EGS PILLAY

Engineering College

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Old Nagore Road, Nagapattinam-611 002, Tamilnadu

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Counselling Code : 3806

+91-4365-251112/14 | principal@egspec.org/enquires@egspec.org



DEPARTMENT OF MECHANICAL ENGINEERING

Certificate of Participation

This is to certified that Mr. ~~M.~~ S. Sathivel has participated in "Training program on Additive manufacturing" organized by Department of Mechanical Engineering, EGSPEC during 20.12.2021 & 21.12.2021.

V. Sivan
Program
Co-ordinator

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,

PRINCIPAL

E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.

Head of the Department (Dt) Tamil Nadu.

Principal



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Certificate of Participation

This is to certified that Mr./Ms. S. Venkatesan has participated in "Training program on Additive manufacturing" organized by Department of Mechanical Engineering, EGSPEC during

20.12.2021 & 21.12.2021.

V. Sivan
Program
Co-ordinator

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PRINCIPAL

E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.

Principal

Head of the Department

**E.G.S. PILLAY ENGINEERING COLLEGE
(AUTONOMOUS)**

Old Nagore Road, Thethi, Nagore Village, Nagapattinam – 611002

DEPARTMENT OF MECHANICAL ENGINEERING



Report

Two Days Hands Training Program

on

AUTO CAD

09.06.2022-10.06.2022

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E.G.S. Pillay Engineering College,
Thethi, Nagore Village, Nagapattinam - 611002.
Nagapattinam (Dt) Tamil Nadu.

E.G.S. PILLAY ENGINEERING COLLEGE, Nagapattinam

DEPARTMENT OF MECHANICAL ENGINEERING

Non-Teaching Training Program

Title: Training Program on AutoCAD

S. No.	Content
1.	Report
2.	Approval letter from Principal
3.	Proposed Budget
4.	Circular
5.	Schedule
6.	Attendance
7.	Course material
8.	Photos
9.	Feedback from participants
10.	Certificates

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Nagapattinam (Dt) Tamil Nadu.



E.G.S. PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Accredited by NAAC with 'A' Grade
Department of Mechanical Engineering
(Accredited by NBA)

**A REPORT ON TWO DAY TRAINING PROGRAM
ON
AUTOCAD**

The department of Mechanical Engineering, E.G.S. Pillay Engineering College, Nagapattinam organized a training program for non-teaching faculty members of E.G.S. Pillay group of institutions on 09.06.2022 and 10.06.2022. The program was entitled as "Training Program on AUTOCAD". The coordinator for this program was Dr. V. Sivaramakrishnan, Professor, Department of Mechanical Engineering.

The session was inaugurated by the Hon'ble secretary of the Institution Shri.S.Pamesvaran, and the E. G. S. Pillay trust member Mr. S. Sankarganesh, Principal Dr. S. Ramabalan and Controller of Examination Dr. M. Chinnadurai. The Prof.G. Sundaravadivel welcomed the gathering and followed by inaugural speech by Dr. G. Gurumoorthi, HOD/MECH.

The training session was handled by the external expert member Mr. M. Vikneswaran, Research Scholar, Annamalai University. The lecture session detailed the basics of 2D drawing and the usage of various commands in AutoCAD software. The lecture enabled the participants to understand about the 2D drawings. Finally, a hands-on training session was given to the participants by drawing 2D drawing in the AutoCAD software.

The program was concluded by the distribution of certificates to all the participants and vote of thanks was given by Prof. G. Sundaravadivel of the department of mechanical.

V. Sivaramakrishnan
PROGRAM COORDINATOR

G. Gurumoorthi
HOD/MECH

ATTESTED
G. Gurumoorthi
Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

From

Dr.G.Gurumoorthi
Head of the department
Department of Mechanical Engineering
E.G.S.Pillay Engineering College
Nagapattinam

To

The principal
E.G.S.Pillay Engineering College
Nagapattinam.



Sub: Request for permission to conduct training program for non-teaching staff-reg

Respected Sir,

As per the instruction from management, the department of Mechanical Engineering has planned to conduct a training program on AutoCAD for the non-teaching staff of civil, electrical and electronics and Mechanical Engineering. So, in this context I kindly request to avail permission to pursue the program in the month of June 2022.

Thanking you

Date: 01.06.2022

Place: Nagapattinam.

Yours truly


(Dr.G.Gurumoorthi)

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Dr. S. RAMABALAN, M.E., Ph.D.,
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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

E.G.S. PILLAY ENGINEERING COLLEGE, Nagapattinam

DEPARTMENT OF MECHANICAL ENGINEERING

Title: Training Program on AutoCAD

Date: 09.06.2022&10.06.2022

PROPOSED BUDGET

S.No	ITEMS DESCRIPTION	QUANTITY REQUIRED	AMOUNT / QUANTITY (Rs.)	ESTIMATED AMOUNT IN Rs.
1.	Tea & Snacks	20*(4 sessions)	20	1600
2.	Flex	1	500	500
3.	Report preparation	1	300	300
4.	Certificate	10	40	500
5.	Food for Participants& Organizers	15*(2 sessions)	100	3000
Total Amount				5900

V. Sivanahishan.
Program Coordinator

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Thethi. Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

Amj
HoD/Mech

**E.G.S.Pillay Engineering College,
Nagapattinam.
Department of Mechanical Engineering**

Circular

Date: 01.06.2022

It is hereby informed to the non-teaching staffs of the department of Mechanical, Civil and Electrical and electronics engineering, the department of Mechanical Engineering. It is hereby planned to conduct a training program on AutoCAD for two days from 09.06.2022–10.06.2022. All the non-teaching staffs of the above said department are instructed to attend the program without fail.

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**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.**


HOD/Mech

Copy to:

The Secretary, The Joint Secretary The Principal, All HODs, Office file, Department file

E.G.S. PILLAY ENGINEERING COLLEGE, NAGAPATTINAM

DEPARTMENT OF MECHANICAL ENGINEERING

Non-Teaching Training Program

Title: Training Program on AUTOCAD

Date: 09.06.2022 and 10.06.2022

1. PROGRAM SCHEDULE:

S.NO	DATE	SESSION	COURSE DESCRIPTION	BENEFICIARIES
1	09.06.2022	FN	Introduction to AUTOCAD and isometric projection	Non-teaching staffs of department of Mechanical, Civil and EEE
		AN	Orthogonal projection of simple structure	
2	10.06.2022	FN	Hands on AutoCAD on isometric projection.	
		AN	Hands on session on orthogonal projection	

2. PARTICIPANTS DETAILS:

PARTICIPANTS DETAILS	MAXIMUM NUMBER OF PARTICIPANTS
All Technical Assistant/Supporting staff	20

3. RESOURCE PERSONS:

RESOURCE PERSON	CONVENER	PROGRAM COORDINATOR
Mr. M. Vikneswaran, Research Scholar, Annamalai University	Dr. G. Gurumoorthi, Professor and HOD/MECH	Dr. V. Sivaramakrishnan, Professor/MECH

V. Sivaramakrishnan
Program coordinator

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[Signature]
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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

[Signature]
HOD

E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM

DEPARTMENT OF MECHANICAL ENGINEERING

TRAINING PROGRAM FOR NON-TEACHING STAFF

ATTENDANCE

S no	STAFF NAME	DEPARTMENT	09.06.2022		10.06.2022	
			FN	AN	FN	AN
1	Mr.S.Sakthivel	MECHANICAL	Pr	Pr	Pr	Pr
2	Mr.S.Venkatesan	MECHANICAL	SV	SV	SV	SV
3	Mr.K.Rajasekaran	MECHANICAL	ka	ka	ka	ka
4	Mr.S.Ramamoorthy	MECHANICAL	ha	ha	ha	ha
5	Mr.S.Senthimurugan	MECHANICAL	San	San	San	San
6	Mr.K.Balamurugan	MECHANICAL	Br	a	Br	Br
7	Mr.S.Joseph	MECHANICAL	JB	JB	JB	JB
8	Mr.R.Vignesh	EEE	vj	vj	vj	a
9	Mr.M.Nagarajan	EEE	mm	mm	mm	mm
10	Mr.P.Rajkumar	CIVIL	PS	PS	PS	a

V. Suresh Kumar.

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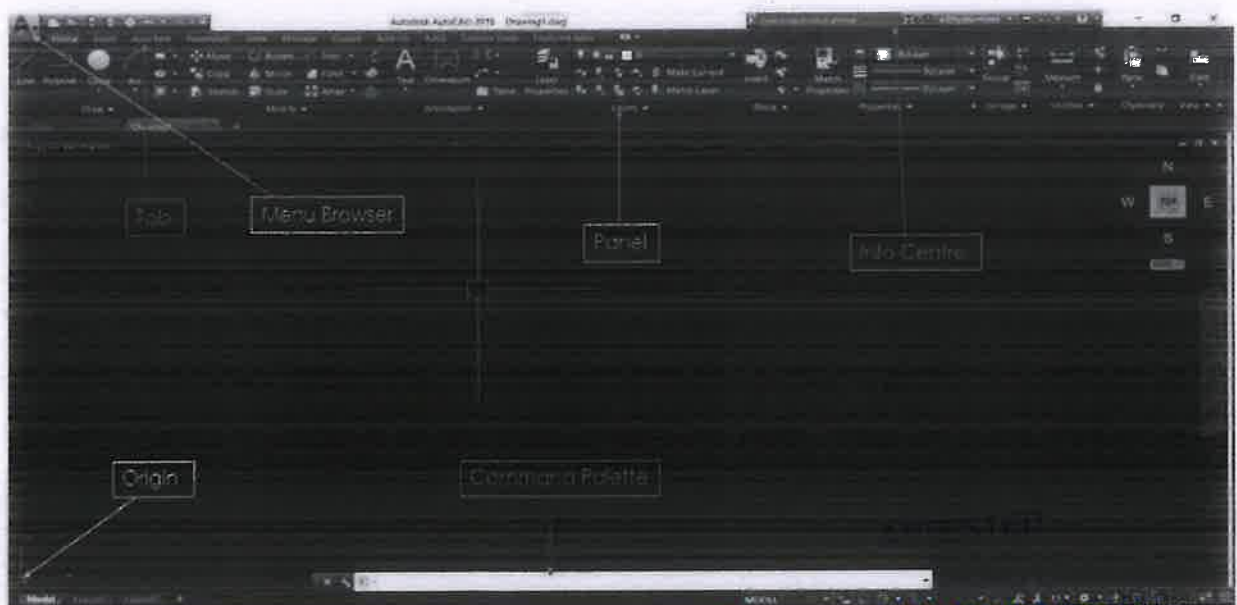
INTRODUCTION

- AutoCAD is the software majorly used for drafting purpose.
- The word AutoCAD is made up of two words "Auto" (digital) and "CAD" (Computer Aided Designing).
- It is developed by Autodesk Company.
- CAD is a utility tool or technology that is used for sharing of information with the help of computer.

BENEFITS OF AUTOCAD

- File Handling
- Global File Sharing
- Easy to Modify
- More Accurate and Precised
- Improved Quality Over Hand Drafting
- More Reliable

AUTOCAD SCREEN

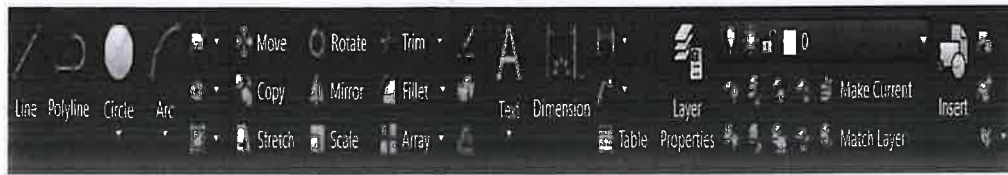


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Dr. S. RAMABALAN, M.E., Ph.D.
PRINCIPAL
E.G.S. Pillay Engineering College,
Thetni, Nagercoil - 611 002.
Nagapattinam (Dt) Tamil Nadu.

METHODS TO WORK IN AUTOCAD

❖ GUI (Graphic User Interface):-



In this interface we can choose tools by selecting its graphical representation or icon to work in AutoCAD.

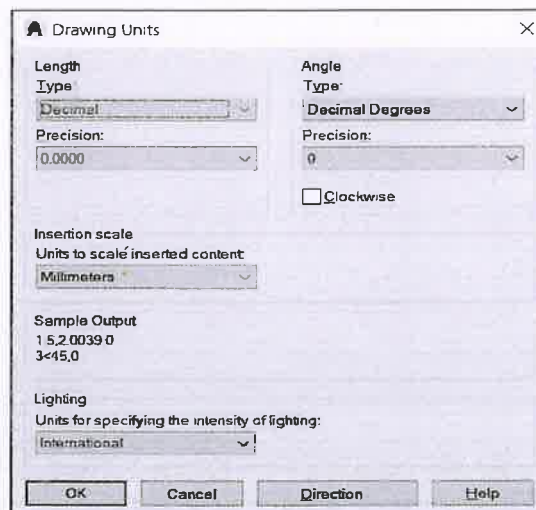
❖ CUI (Command User Interface):-



In this interface we can type the command in command palette to work in AutoCAD.

DRAWING UNITS

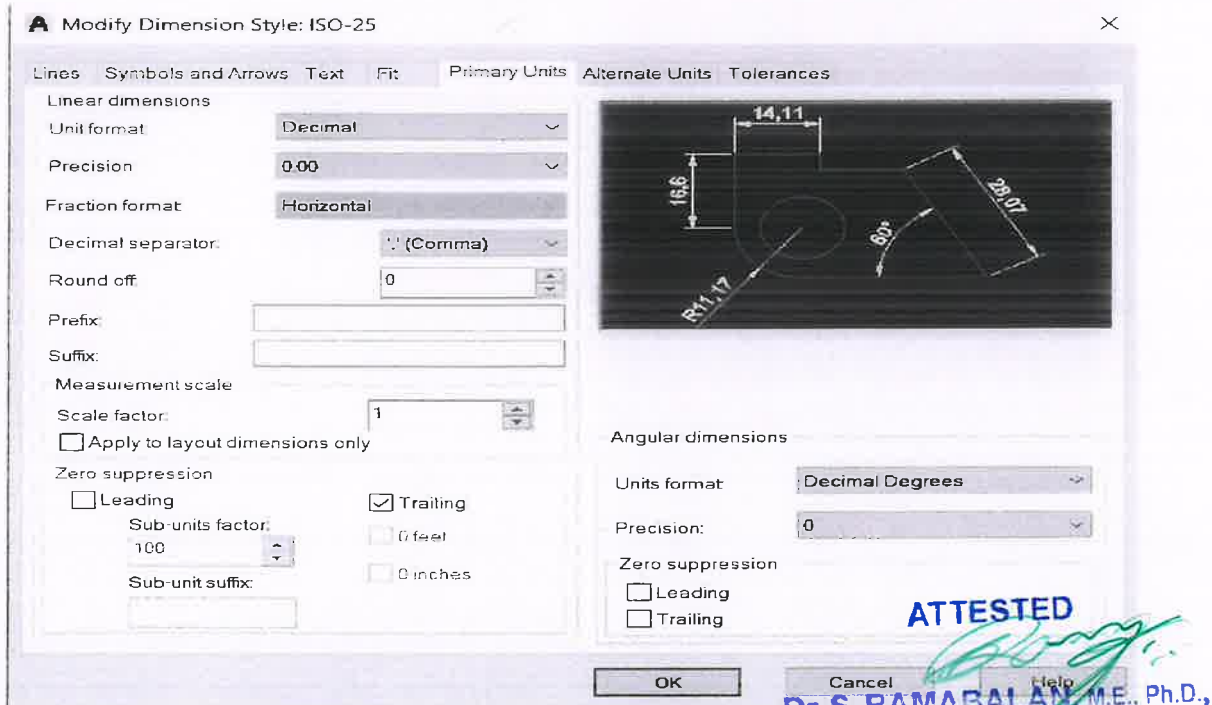
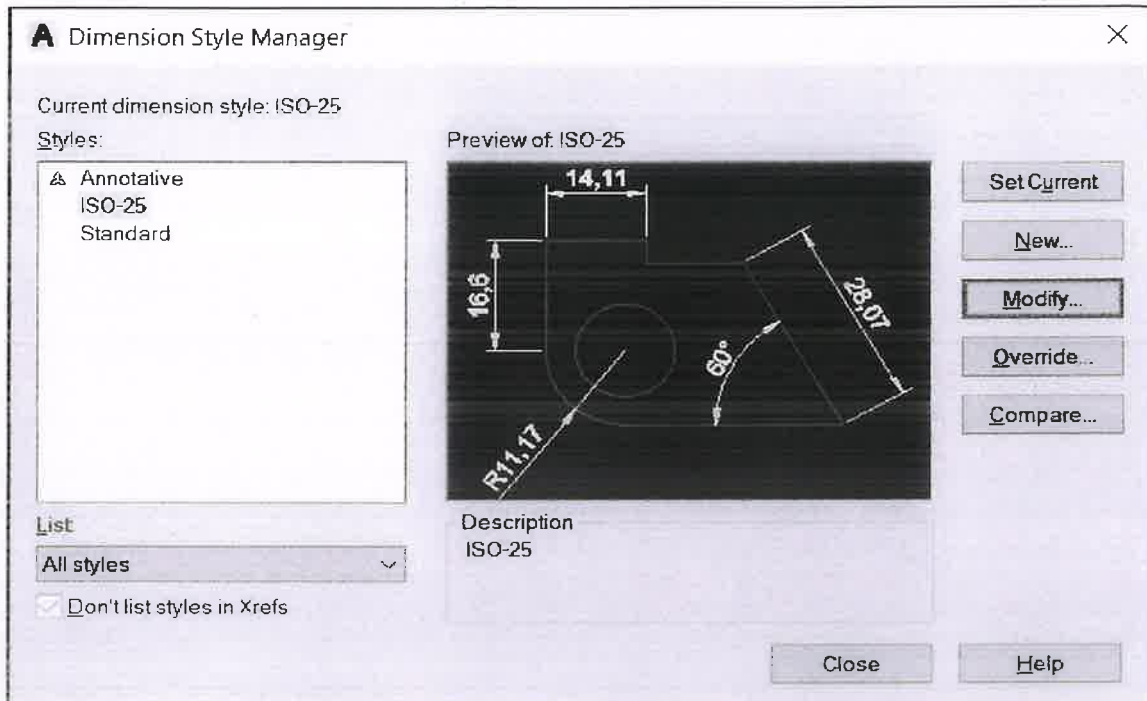
To set the Drawing Units, type **UN** then press **ENTER** key.
Then a pop-up window will appear.
Then do the changes as per requirements.
Then click **OK**.



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Thethi, Nagapattinam - 611 002.
Nagapattinam (Dt) Tamil Nadu.

DIMENSION STYLE MANAGER

To set the Dimension Style, type **D** then press **ENTER** key.
Then a pop-up window will appear.
Then click on **Modify**.
Then do the changes as per requirements.



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Nagapattinam (Dt) Tamil Nadu.

SOME COMMANDS WITH SHORTCUT

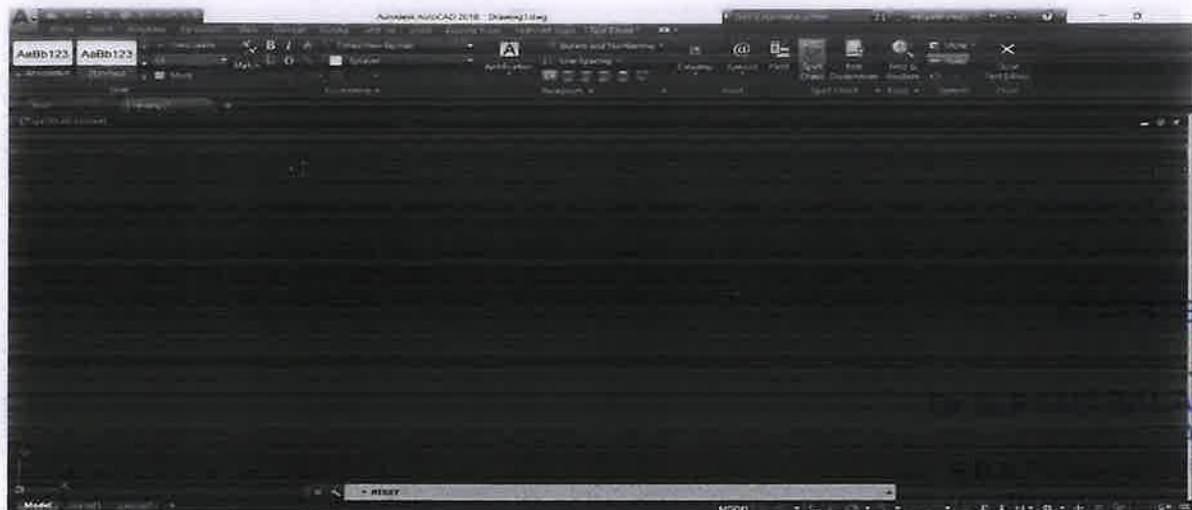
- | | | |
|----------------------|-----------------------------|--------------------------------------|
| 1) Line :- L | 24) Construction Line :- XL | 47) Dimension of Linear Line :- DLI |
| 2) Ortho :- F8 | 25) Array Classic :- ARRAYC | 48) Dimension of Aligned Line :- DAL |
| 3) Grid :- F7 | 26) Polygon :- POL | 49) Dimension of Radius :- DRA |
| 4) Osnap :- F3 | 27) Area :- AA | 50) Dimension of Diameter :- DDI |
| 5) Option :- OP | 28) Divide :- DIV | 51) Dimension of Angle :- DAN |
| 6) Offset :- O | 29) Point Style :- DDPTYPE | 52) Dimension of Arc Length :- DAR |
| 7) Trim :- TR | 30) Leader Line :- LE | 53) Dimension of Cont. Line :- DCO |
| 8) Mirror :- MI | 31) Special Line :- SPL | 54) Write Block :- W |
| 9) Pan :- PAN | 32) Stretch :- S | 55) Plot / Print :- PLOT / CTRL+P |
| 10) Copy :- CO | 33) Scale :- SC | 56) List :- LI |
| 11) Move :- M | 34) Hatch :- H | 57) Limit :- LIMIT |
| 12) Circle :- C | 35) Hatch Edit :- HEDIT | 58) Model View :- MV |
| 13) Rotate :- RO | 36) Block :- B | 59) External Reference :- XREF |
| 14) Ellipse :- EL | 37) Block Editor :- BE | 60) Chamfer :- CHA |
| 15) Rectangle :- REC | 38) Insert :- I | 61) Extrude :- EXT |
| 16) Polyline :- PL | 39) Design Centre :- DC | 62) Presspull :- PRESS |
| 17) Join :- J | 40) Table :- TB | 63) Union :- UNI |
| 18) Explode :- X | 41) Line Type :- LT | 64) Subtract :- SUB |
| 19) Extend :- EX | 42) Line Weight :- LW | 65) Loft :- LOFT |
| 20) Arc :- A | 43) Colour :- COL | 66) Revolve :- REV |
| 21) Fillet :- F | 44) Match Properties :- MA | 67) Sweep :- SWEEP |
| 22) Ray :- RAY | 45) Drafting Setting :- DS | 68) Slice :- SLICE |
| 23) Text :- T | 46) Line Type Scale :- LTS | |

TEXT COMMAND

To write the text in AutoCAD, type **T** then press **ENTER** key.

Then specify the corner points.

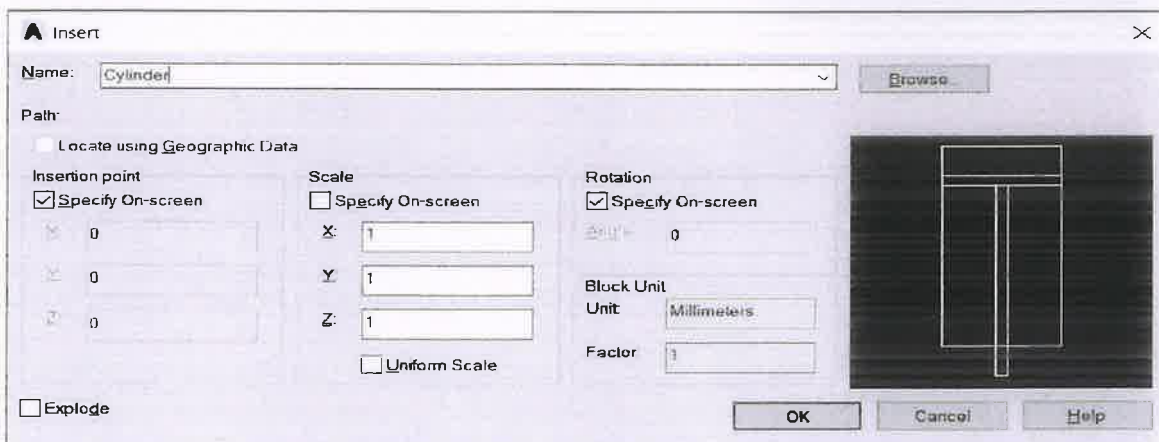
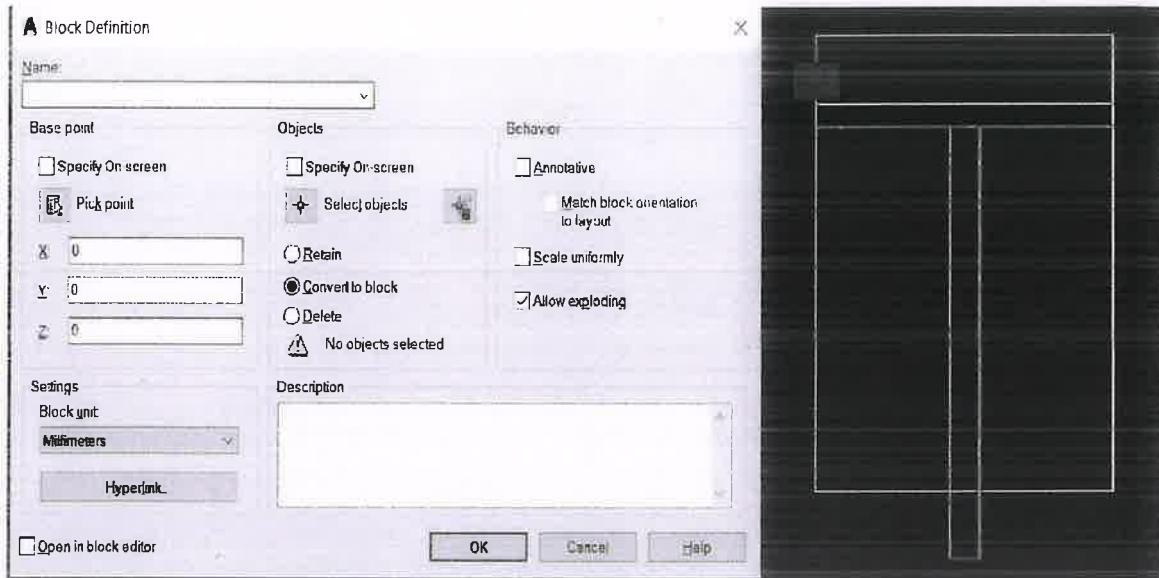
Then a rectangular window will appear where text can be typed. Also, from upper panel text size, font and colour can be changed.



BLOCK COMMAND

When the same object shown multiple times in a diagram then we use block command. First, we draw that object then type **B** then press **ENTER** key. Then a pop-up window will appear where we first provide a name then select the object then specify pick point. Then click **OK**.

To insert the block, we first type **I** then press **ENTER** key. Then select the block by choosing its name. Then click **OK**. Then click on screen with left mouse button to put that object where it is required.



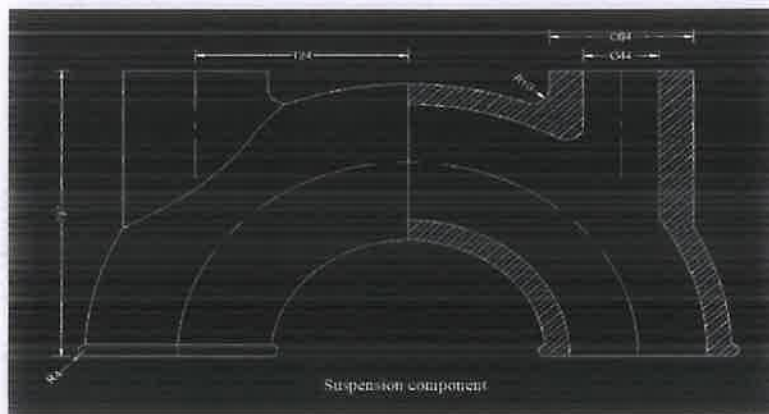
HATCH COMMAND

Hatching is used in technical drafting to communicate that an area of the drawing has a particular attribute. It indicates that a section cut through a part is a particular material or attribute.

For hatching, type **H** then press **ENTER** key then type **T** then press **ENTER** key. Then a pop-up window will appear on screen. Then we change pattern, colour, angle and scale according to the requirements. Then click **OK**.

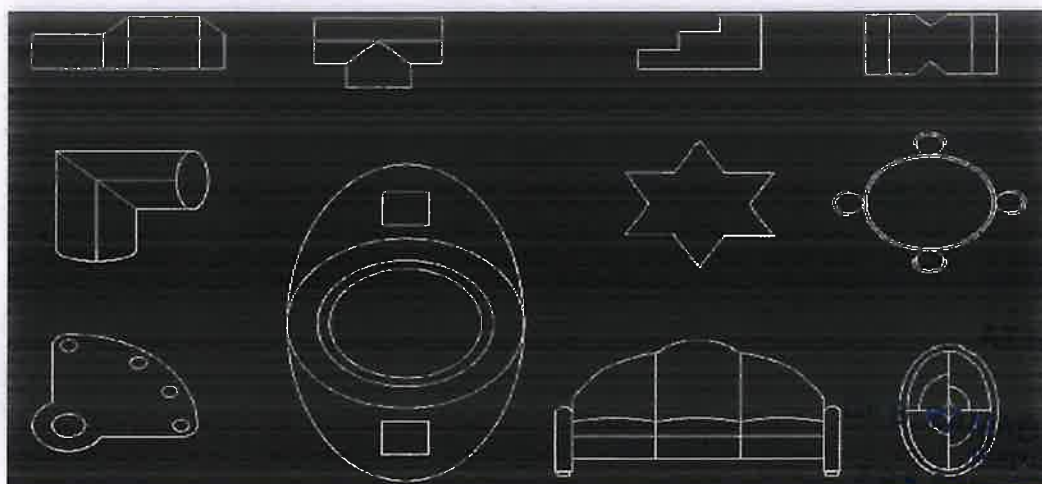
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If we have to edit the hatching, type **HEDIT** then press **ENTER** key and click on the hatched area and do the changes.



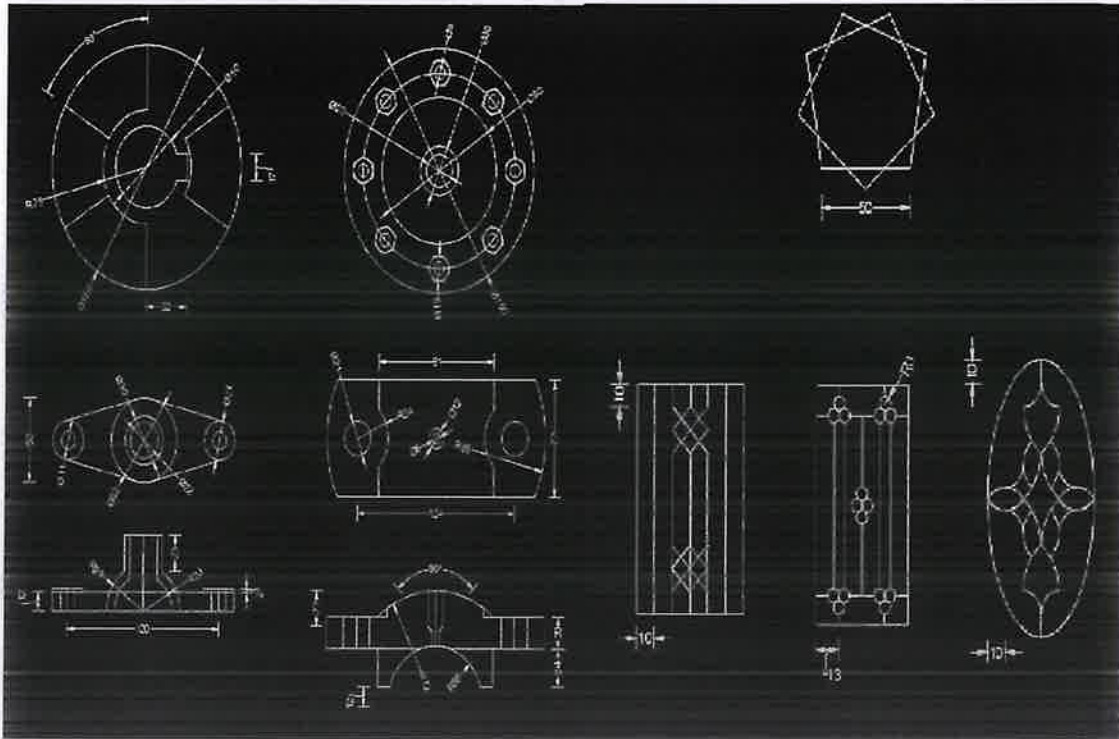
DRAWINGS MADE IN AUTOCAD

❖ By the use of line, offset, osnap, trim, mirror, circle, ellipse, arc commands.

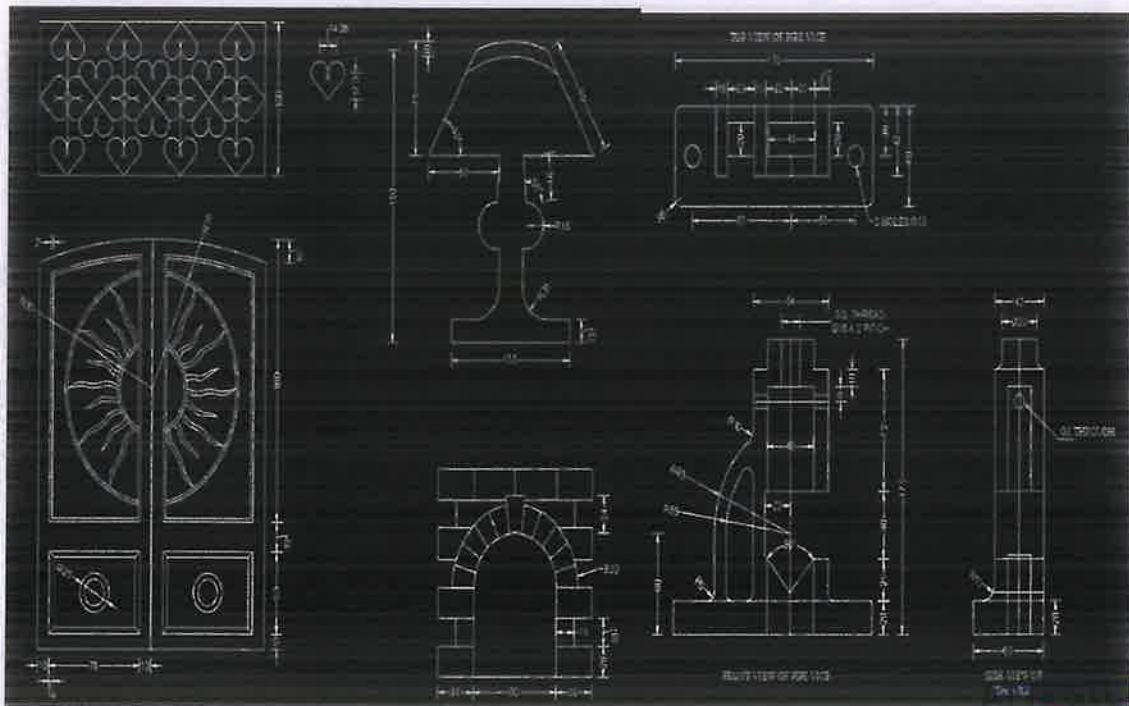


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- ❖ By the use of line, offset, osnap, trim, mirror, circle, arrayclassic, ellipse, arc commands.

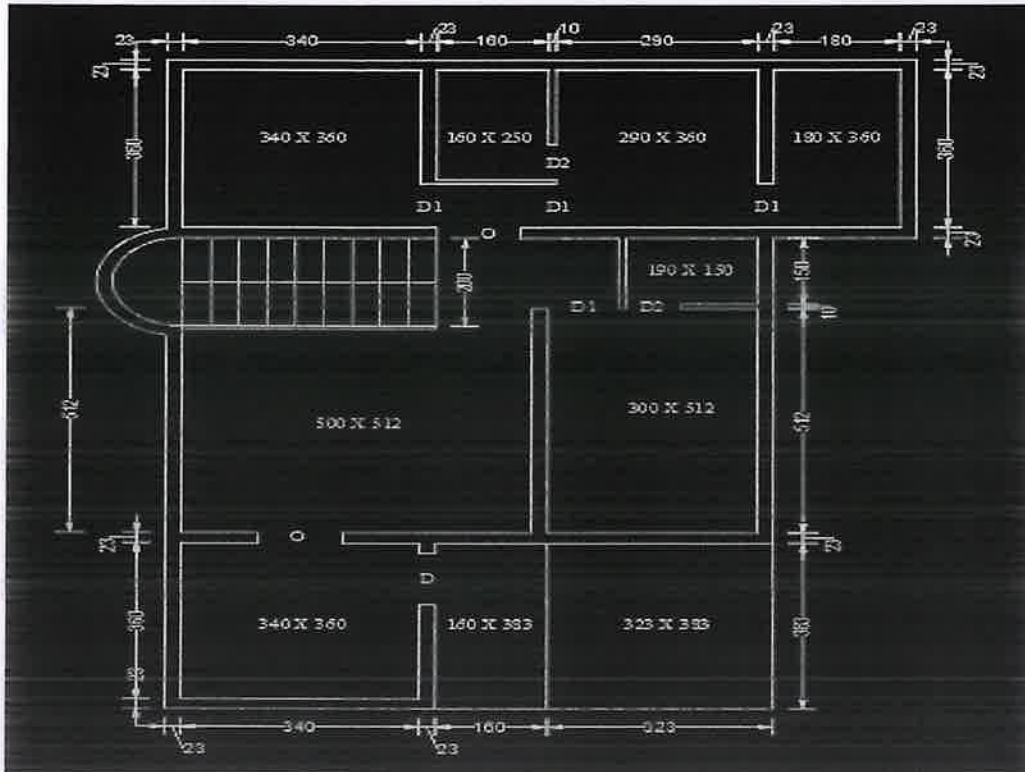


- ❖ By the use of line, offset, copy, osnap, trim, mirror, circle, special line, arrayclassic, ellipse, arc, construction line commands.

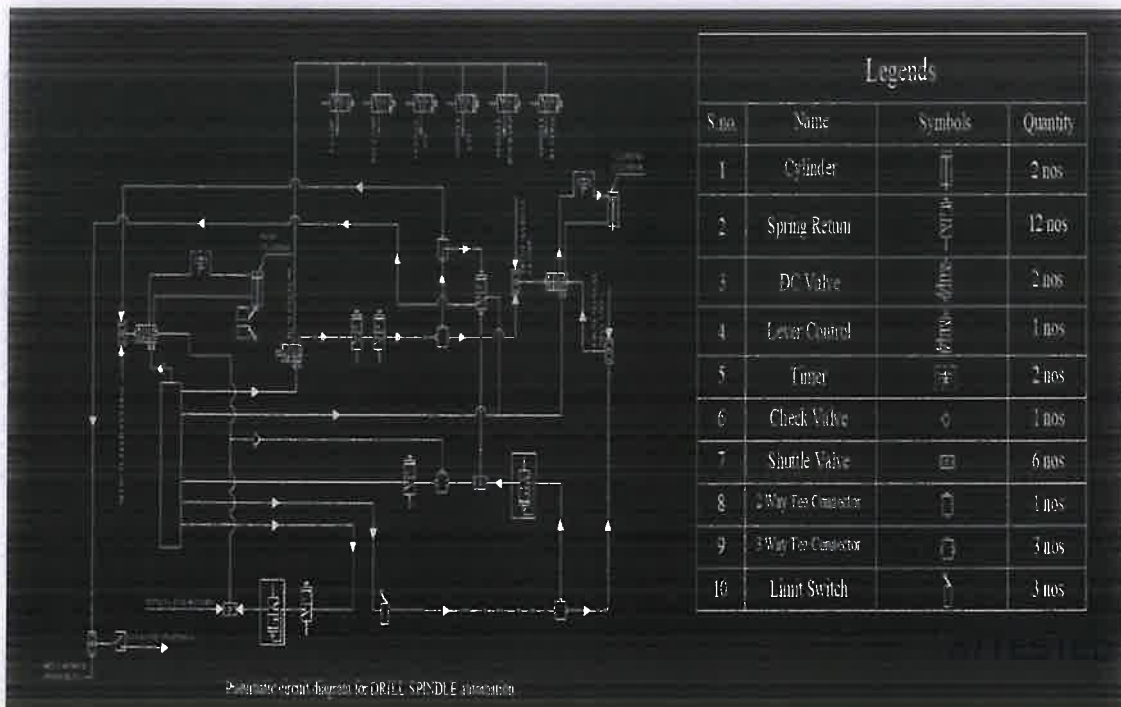



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- ❖ By the use of line, offset, divide, point style, osnap, trim, fillet, construction line commands.



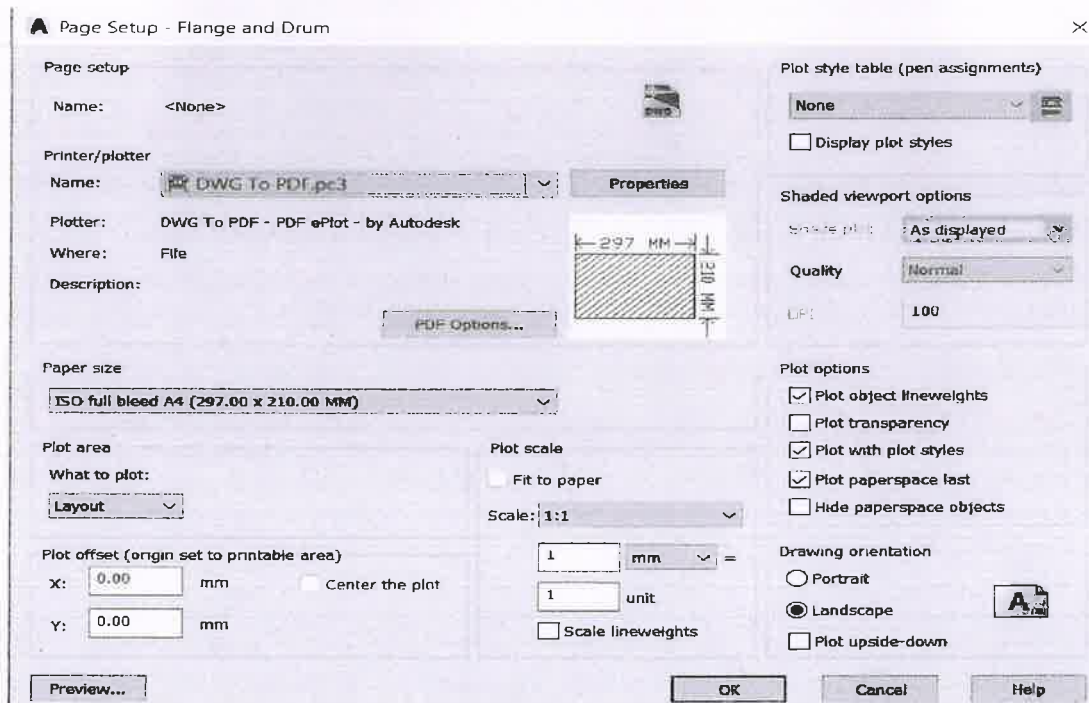
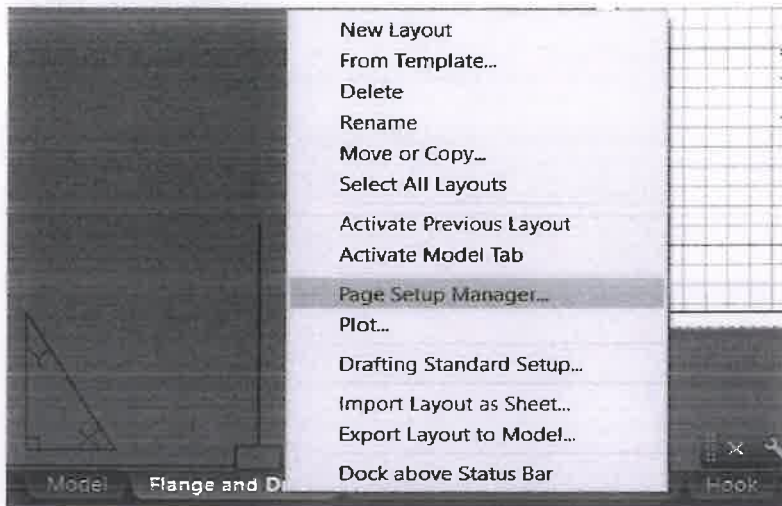
- ❖ By the use of line, offset, block, insert, osnap, line type, trim, circle commands.



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LAYOUT

When we have to insert a diagram in required size of paper or with title box then we use layout function. First, go to **layout**. Then **right click** on it and go to **page setup manager**. Then go to **modify** and set the **file type**, **paper size** and **orientation of paper**. Then **right click on model view** and **delete** it. Then create a new model view by typing **MV** then press **ENTER** key. Then **double click** inside the model view to activate it and set the desired scale and object for printout. Then **double click** outside the model view to activate layout. Then **CTRL + P** and take the print out.



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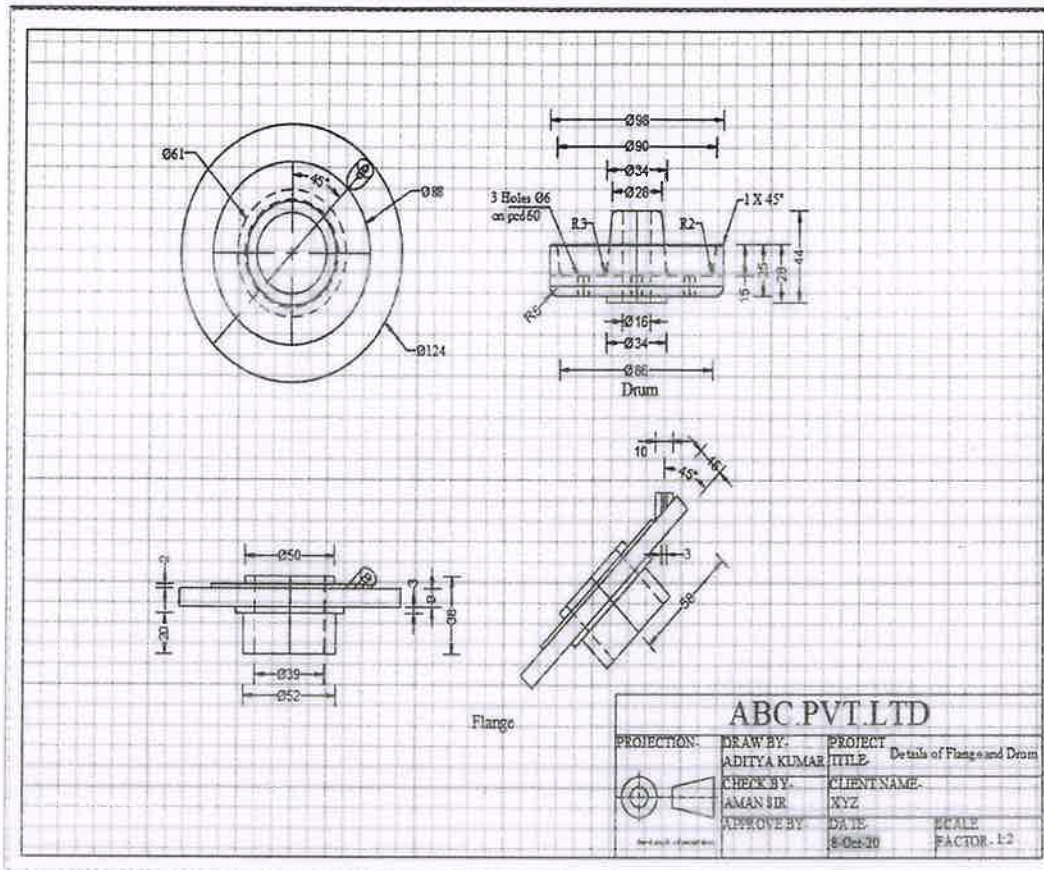
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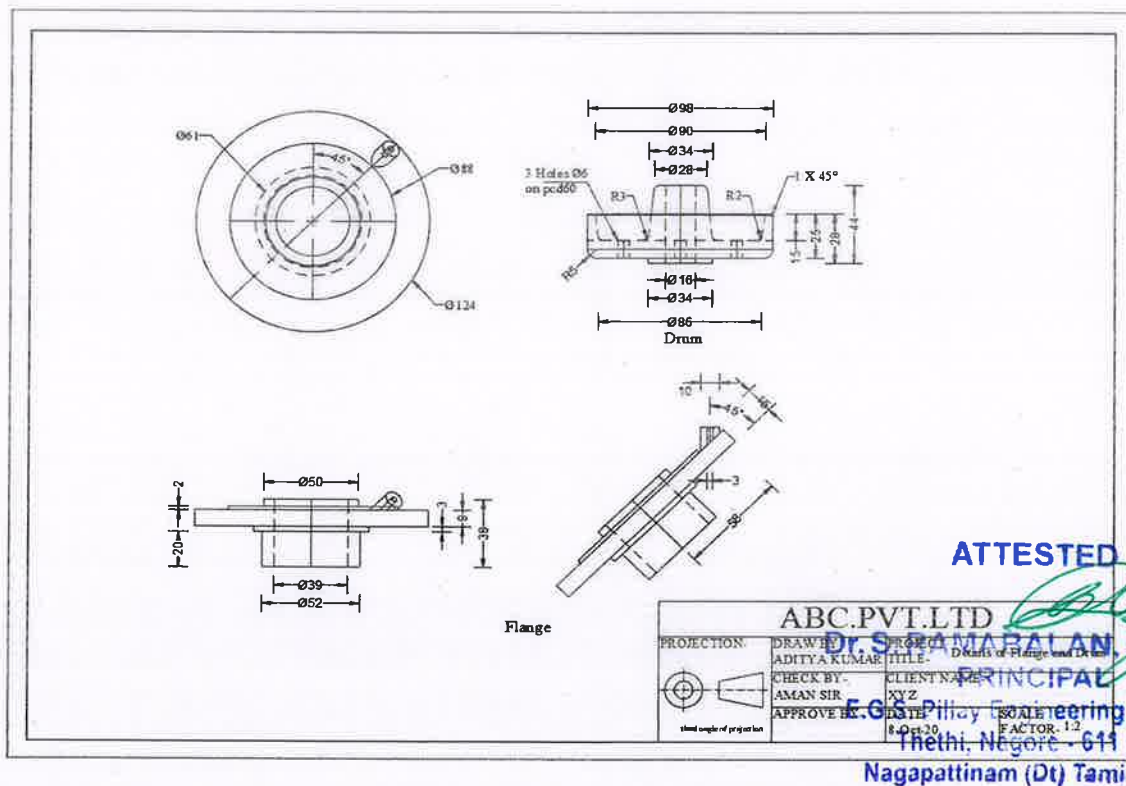
Nagapattinam-(Dt), Tamil Nadu.

DRAWING ON LAYOUT

❖ In DWG form on layout



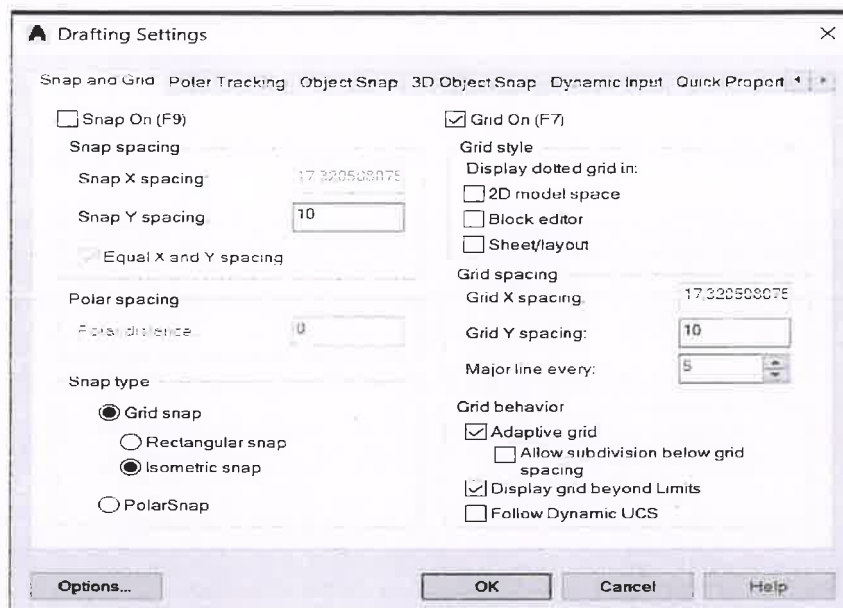
❖ In PDF form



ISOMETRIC DRAWING

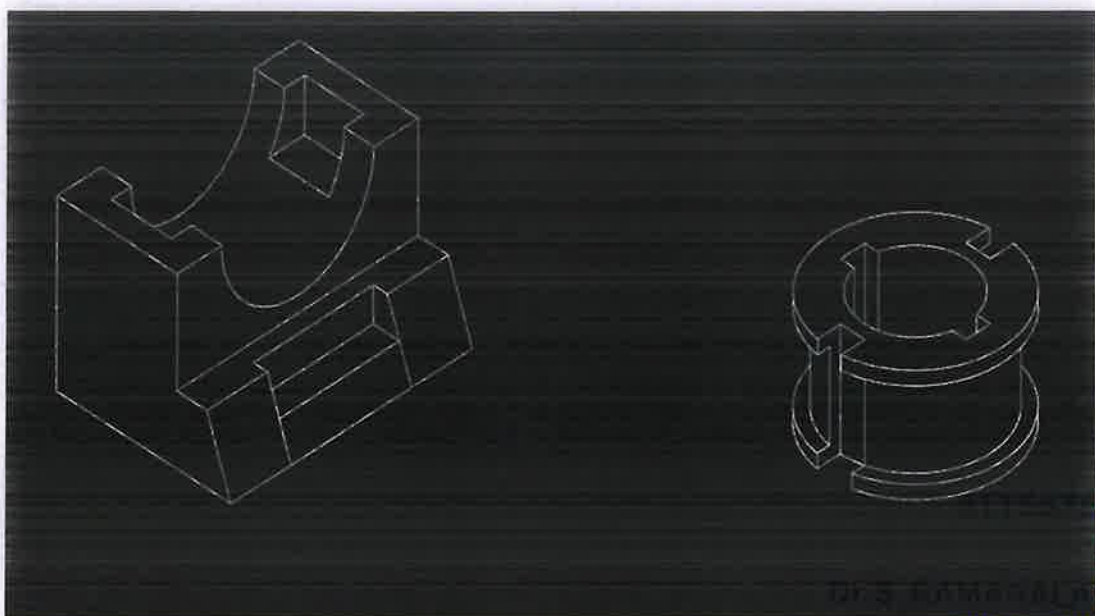
Isometric projection is a method for visually representing 3D objects in 2D in technical and engineering drawings. In this projection, all three angles made by X, Y and Z axis are 120° each.


To make isometric drawing, we have to first go to drafting setting by typing **DS** then press **ENTER** key. Then go to **snap and grid**. Then go to **snap type** and click on **Isometric snap**.



□ Rules on Isometric Drawing:-

1. Ortho should always be on.
2. Use F5 key to change between planes.
3. Circle, Rectangle, Mirror and Offset commands should not be used in isometry.




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3D DRAWING

3D Drawing is used to depict something that has volume or space.

Rules on 3D Drawing:-

1. Object must be in polyline.
2. Object must be in a closed loop.
3. Loop should not be self- intersecting.

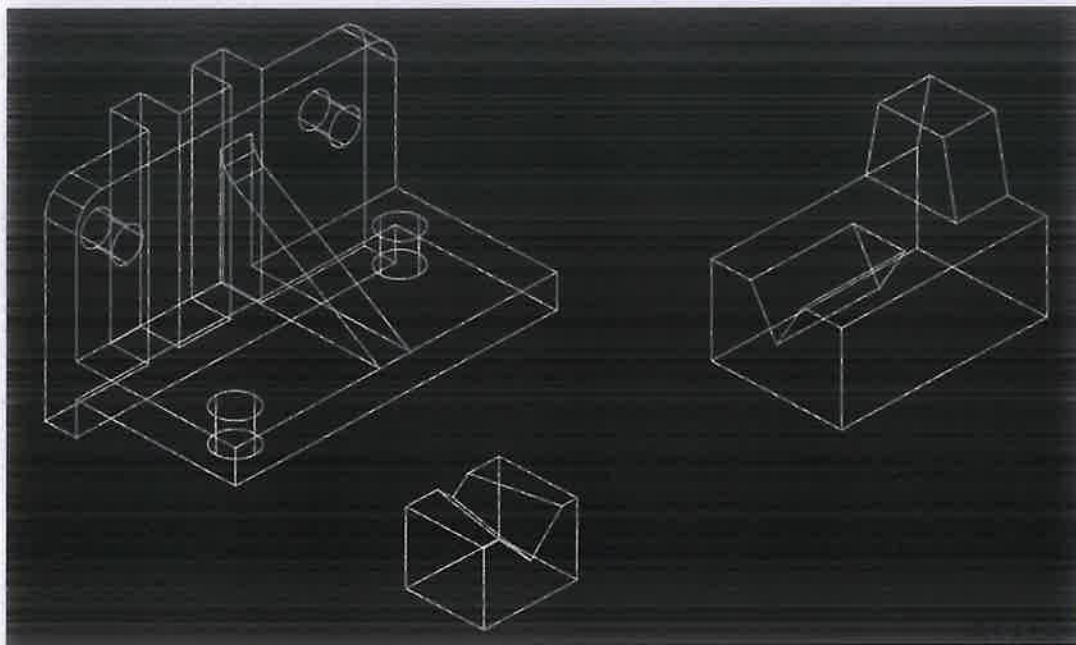
Commands to convert objects from 2D to 3D:-

1. **EXTRUDE**:- Type **EXT** then press **ENTER key**. Then select the objects to extrude then press **ENTER key**. Then specify height then press **ENTER key**. It is used to create solid model.
2. **PRESSPULL**:- Type **PRESS** then press **ENTER key**. Then select face and specify the changes.

3D DRAWING MADE IN AUTOCAD

- By the use of line, rectangle, circle, extrude, union, subtract, move, copy commands.

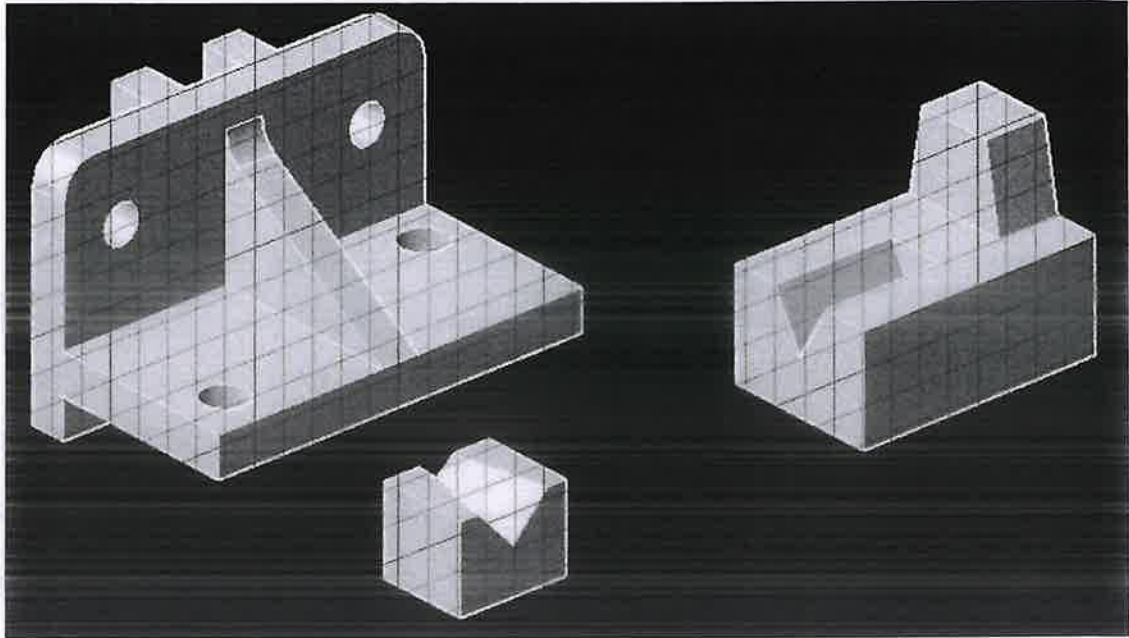
❖ In 2D Wireframe Visual Style



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❖ In Conceptual Visual Style



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CONCLUSION

This report covered the preview of our learning path and study materials. The use of AutoCAD has many advantages. It can help to reduce the time it takes to produce the drawing needed in the work environment. AutoCAD software is the most amazing range of mechanical computer aided design tool. It is now considered to be the best according to industry standards that can be obtained for a wide array of designing, Mechanical Engineering Services and other industrial purposes.

The use of AutoCAD may also be relied on heavily in order to create efficiencies within the industries. We were guided by the fact that there is more to learning AutoCAD than drawing simple figures and lines. It has very vast application in the field of manufacturing, architecture, electrical, and many more. With the help of AutoCAD, we can create design very quickly. It improves the quality of the drawing which we can't get by hand drafting. With the help of this software, drawing can be easily modified whenever wanted which reduces the human effort. We can easily transfer files from one place to another in no time which reduces the time.

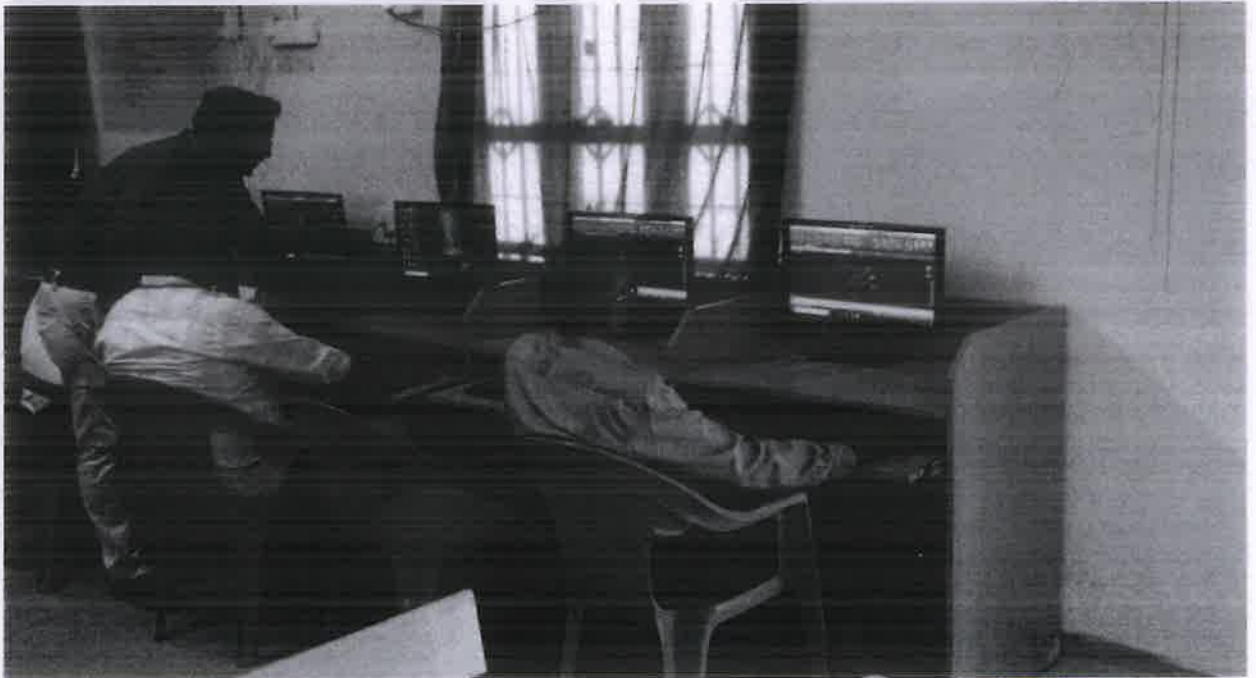
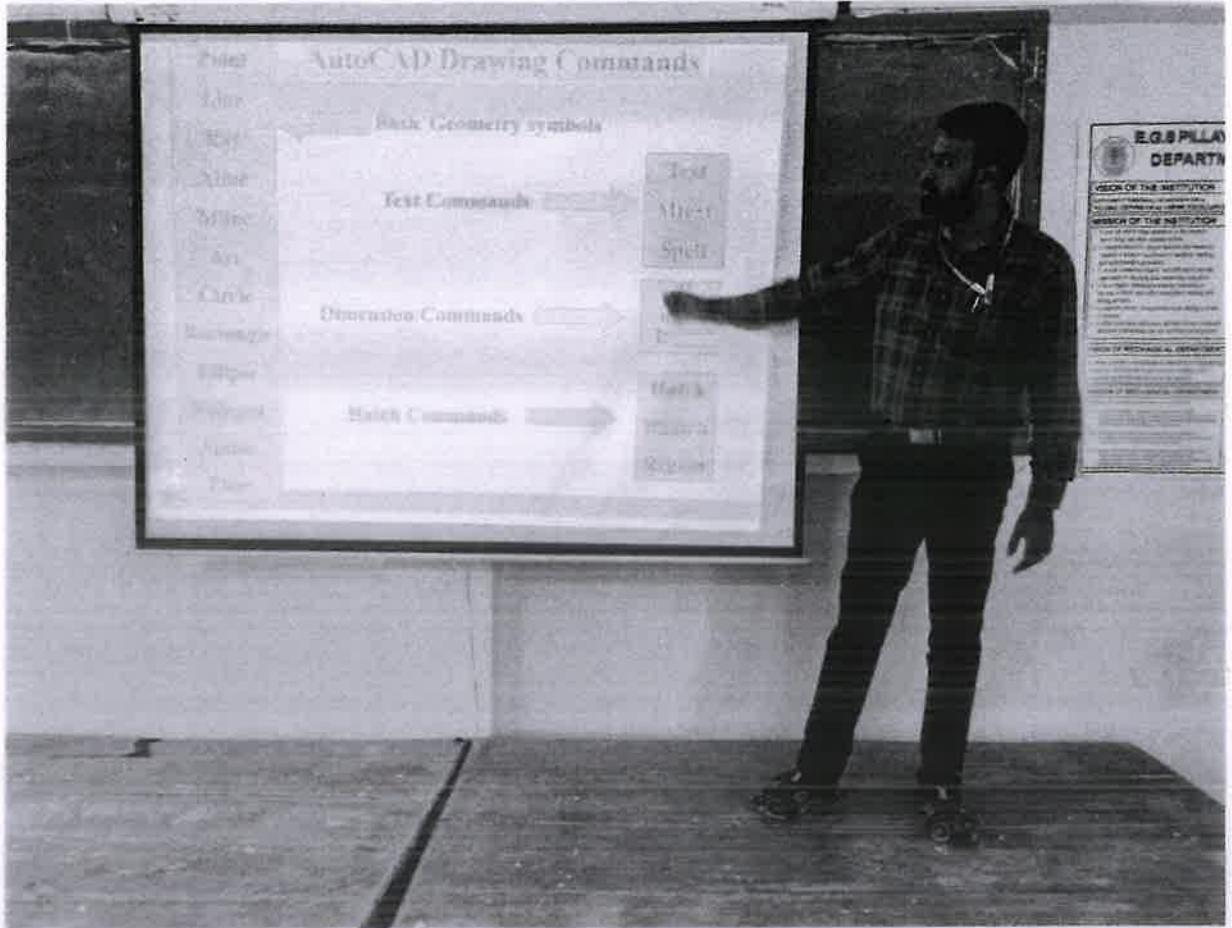
This software is utilized to provide some useful and practical designing software that will allow users to visualize as well as create prototypes of a product in reality and quick time. AutoCAD software allows developers to give form to their out of the box ideas.

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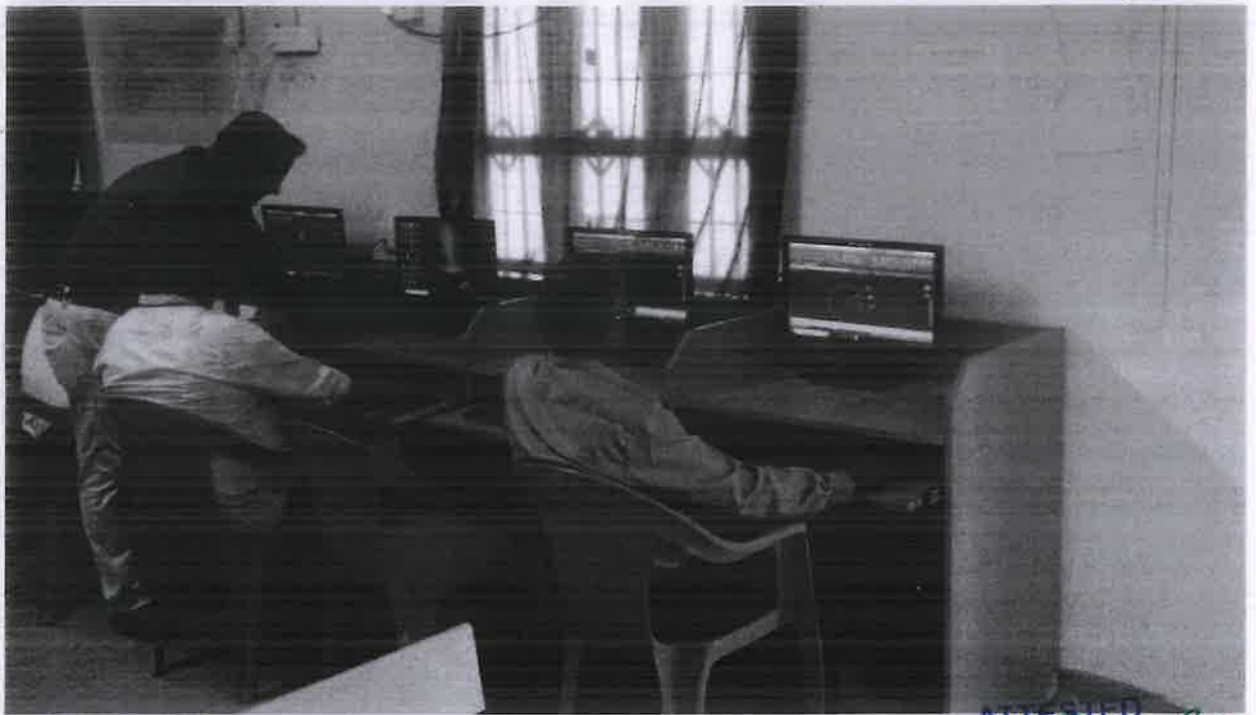
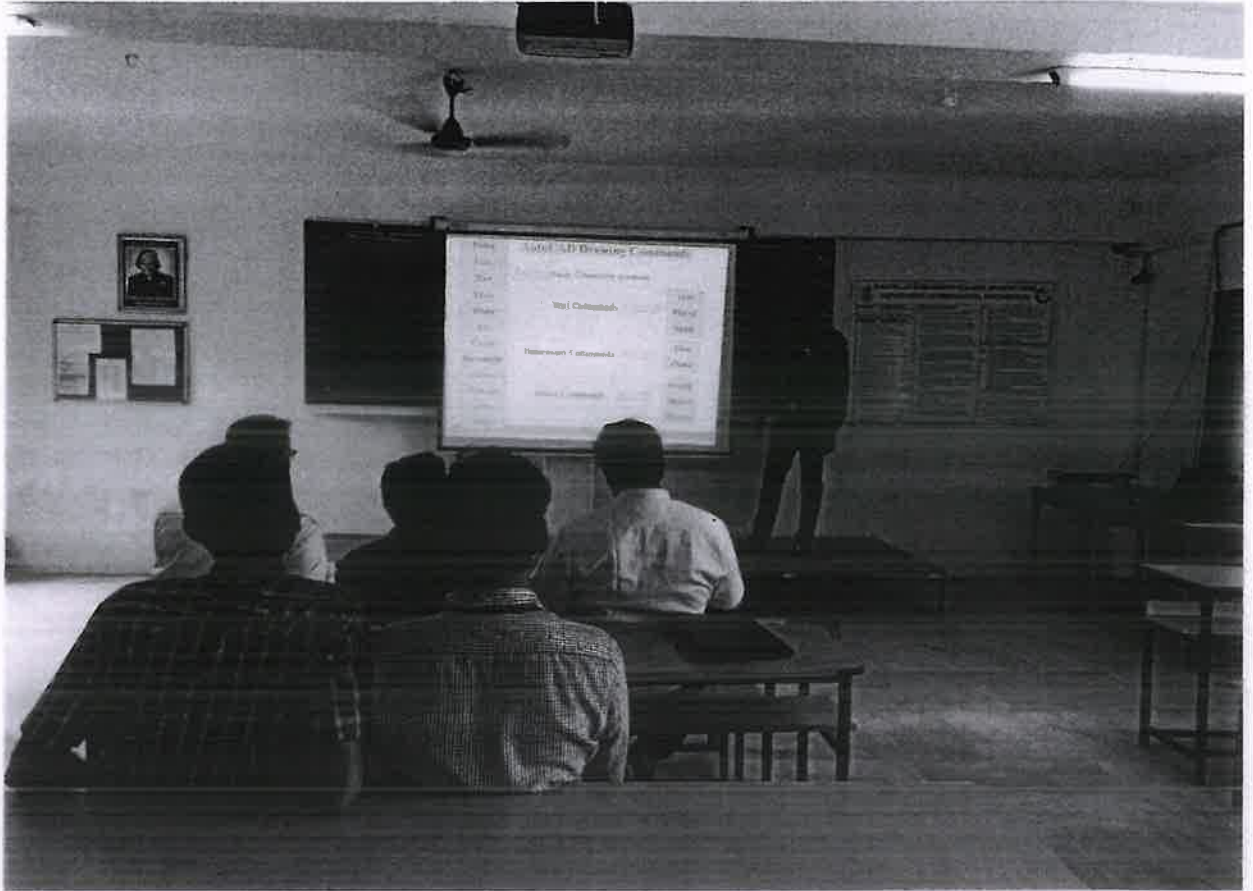


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V. Sivaravani
Sivaravani

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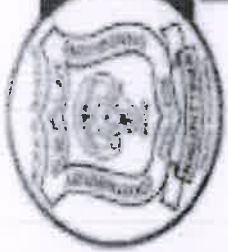
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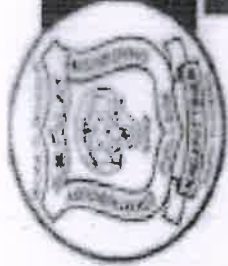
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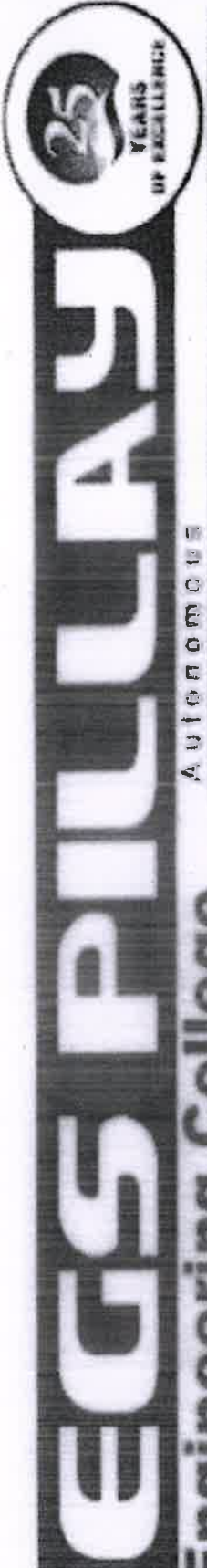
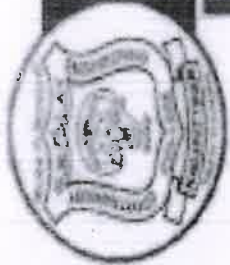
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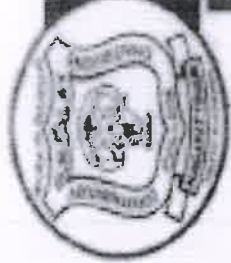
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**A REPORT ON ONE DAY WORKSHOP
ON
SAFETY MEASURES AND ENERGY CONSERVATION**

ATTESTED


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A REPORT ON ONE DAY WORKSHOP

ON

SAFETY MEASURES AND ENERGY CONSERVATION

Initially, Department of EEE, E.G.S.Pillay Engineering College, Nagapattinam is planned to organize a lecture workshop for non-teaching faculty members of E.G.S. pillay group of institutions and through discussions it was coined as "Safety Measures and Energy Conservation". The coordinators identified for this workshop are Prof. K. Nandakumar, Prof. V. Yokeswaran of EEE department.

Internal Experts Dr. V. Mohan, Professor/HOD/EEE, Dr. T. Suresh Padmanabhan, Professor/EEE and Mr. K.Nandakumar Assistant Professor/EEE were arranged to handle the sessions. The session was inaugurated by the Hon'ble secretary of the Institution Shri.S.Pamesvaran, and the E. G. S. Pillay trust member Mr. S. Sankarganesh, Principal Dr. S. Ramabalan and Controller of Examination Dr. M. Chinnadurai, Prof K. Nandakumar welcomed the gathering and followed by inaugural speech by Dr. V. Mohan, HOD/EEE.

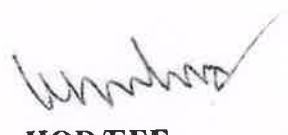
The session was started by the Internal Expert Dr. T. Suresh Padmanabhan with the lecture "Electrical safety". which is followed with the lecture by Dr.V.Mohan on "Lightning Safety". Mr. K. Nandakumar started the afternoon session with the lecture and demo on "Fire and Safety". The final session was handled by Dr.V.Mohan with the lecture on "Energy Conservation". He created an impact and awareness about need for power conservation and its benefits.

Finally, certificates were distributed to all the participants and vote of thanks was proposed by one of the program coordinator Prof. V. Yokeswaran of the department of EEE.


COORDINATORS

(Mr.K.Nandakumar & Mr. V. Yokeswaran)

Er. K. NANDAKUMAR M.E.,
SAFETY ENGINEER
GOVT. APPROVED
'C' LICENCE CERTIFIER
LIC No: 29796



HOD/EEE

(Dr. V. Mohan)

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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

(i) **SCHEDULE:**

DATE	TIME	SESSION DETAILS	RESOURCE PERSON
22.12.2021	9.30 am	Inauguration	-
	9.45 am – 11.45 am	Electrical safety	Dr. T. Suresh Padmanabhan. Professor/EEE
	11.45 am - 1.00 pm	Energy Conservation	Dr. V. Mohan. Professor/EEE
	1.00 pm - 2.00 pm	Lunch	-
	2.00 pm - 3.00pm	Lightning safety	Dr. V. Mohan. Professor/EEE
	3.15 pm - 4.30 pm	Fire Safety	Mr.K.. Nandakumar. Assistant Professor/EEE

(ii) **PARTICIPANTS DETAILS:**

PARTICIPANTS DETAILS	MAXIMUM NUMBER OF PARTICIPANTS
All Technical Assistant/Supporting staff	40

(iii) **ESTIMATED BUDGET:**

S.NO	ITEMS DESCRIPTION	QUANTITY REQUIRED	AMOUNT / QUANTITY IN RS.	ESTIMATED AMOUNT IN RS.
1.	Tea & Snacks	50*2 session	30	1500
2.	Flex	1	-	300
3.	Media	-	500 (2 papers)	1000
4.	Invitation & report preparation	-	200	200
5.	Certificate	50	10	500
6.	Food for participants	50 persons	75	3750
7.	Workshop Kit	50	15	750
			Total Amount	8000

(iv) **RESOURCE PERSONS:**

RESOURCE PERSON	CONVENER	PROGRAM COORDINATORS
Dr.V.Mohan. Professor/EEE Dr.T.Suresh Padmanabhan. Professor/EEE Mr. K.Nandakumar Assistant Professor/EEE	Dr. V.Mohan, Professor & Head - EEE	Mr.K.Nandakumar, AP/EEE Mr. V.Yokeswaran, AP/EEE

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CIRCULAR

Date: 21-12-2021

We are happy to announce that a one day workshop on "Safety Measures and Energy Conservation" is going to be organized by the department of EEE on 22nd December 2021 for all technical assistant/supporting staff of our Institution. All technical assistant/supporting staff and also interested faculty members are requested to attend the program.

Venue : Power System Simulation Lab

Schedule :

Date	Time	Session details	Resource Person
22.12.2021	9.30 am	Inauguration	-
	9.45 am -11.45 am	Electrical safety	Dr.T.Suresh Padmanabhan. Professor/EEE
	11.45 am -1.00 pm	Energy Conservation	Dr.V.Mohan. Professor/EEE
	1.00 pm - 2.00 pm	Lunch	-
	2.00 pm - 3.00 pm	Lightning safety	Dr.V.Mohan. Professor/EEE
	3.15 pm - 4.30 pm	Fire Safety	Mr.K.Nandakumar. Assistant Professor/EEE


HOD/EEE

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NAGAPATTINAM - 611 002

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

One day Workshop

on

Safety Measures and Energy Conservation

Organized by

Department of Electrical & Electronics Engineering

Venue: Power System Simulation Lab

22nd December 2021

ATTESTED

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Thethi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu.

FIRE SAFETY

BY
K.NANDAKUMAR

Effects of Shock

- Effects of electrical shock range from **mild tingling to heart failure**, depending on the amount of current
- Current as low as **50 mA** can cause heart fibrillation
- **Heart fibrillation** is where the ability of the heart to pump in a regular rhythm is disrupted
- Given enough time in this state, it is usually fatal

What To Do When A Person Is Shocked?

If victim is still engaged with or attached to the circuit:

- De-energize the circuit, if possible
- Remove victim from the circuit using non-conductive material (i.e., length of dry rope, dry broomstick, or leather belt)

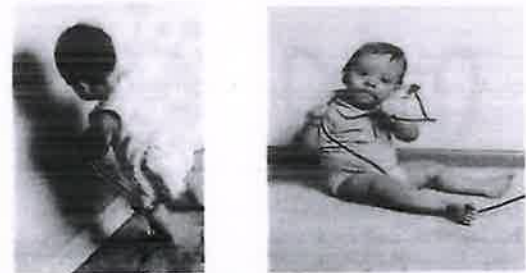
If victim is conscious, they still need medical treatment as soon as possible.

EFFECTS OF ELECTRICAL SHOCK

- ❖ 10-20 milliamps is painful;
- ❖ 100 milliamps can kill in a second;
- ❖ 200 milliamps kills; causes heart fibrillation; burns human flesh



Kids are crazy..... Take care...Avoid kids playing with Electricity....

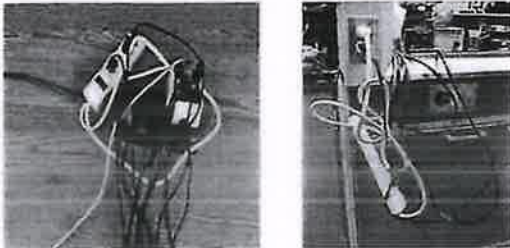


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We overload in different ways.....!!!



Wet Conditions

Wet conditions are hazardous because you can become an easy path for electrical current. There are many circumstances that create wet conditions:

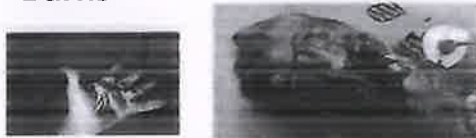
- Standing in water
- Wet clothing
- High humidity
- Perspiration



Electric shock..



Burns



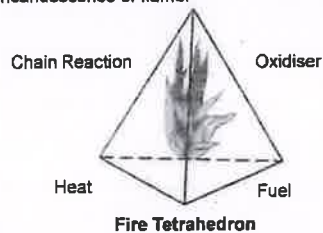
SAFETY FIRST

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FIRE

Fire is a rapid chemical reaction of oxidant with fuel accompanied by the release of energy, indicated by incandescence or flame.



Fire Tetrahedron


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ELEMENTS OF FIRE

- ❖ Fuel (wood, paper, petrol, kerosene etc...)
- ❖ Heat (optimum temperature)
- ❖ Oxygen (O₂)



Fire Extinguishment Theory

1. Enough OXYGEN to sustain combustion
2. Enough HEAT to reach ignition temperature
3. Some FUEL or combustible material
4. Together, they produce the CHEMICAL REACTION that is fire

Take away any of these things and the fire will be extinguished

HOW DO FIRE OCCURS?

Fire Occurs in presence of three elements

1. FUEL
2. OXYGEN
3. OPTIMUM TEMPERATURE

- ❖ Removal of fuel from fire is known as starving effect.
- ❖ Removal of oxygen is known as blanketing effect.
- ❖ Cooling down from the optimum temperature is known as cooling effect.


FIRE EXTINGUISHERS

Type of extinguishers and the classes of fire for which they can be used	
Water	Class A fire
Dry chemical powder	Class B & C fire
Foam	Class A & B fire
Carbon dioxide	Class B & C fire
Special dry powder	Class D fire

MAJOR CAUSES OF ELECTRICAL ACCIDENTS

- ❖ Carelessness
- ❖ Misuse
- ❖ Getting in a hurry
- ❖ Lack of interest
- ❖ Insufficient training
- ❖ Ignorance
- ❖ Fear
- ❖ Over confidence
- ❖ Sadness
- ❖ Anger
- ❖ Laziness
- ❖ Negligence
- ❖ Distractions
- ❖ Mischievous behavior

Crawling on Smoke



In case of Fire there will be enormous smoke which will fade our vision , to over come that we have to crawl down to save our life Always remember Fire kills slowly but ... "Smoke will kill immediately & Instantly"

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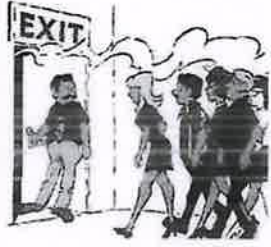


FIRE DRILL

A fire drill is a method of practicing how a building would be evacuated in the event of a fire or other emergency. Usually, the building's existing fire alarm system is activated and the building is evacuated as if the emergency had occurred.



When NOT to Fight a Fire!



Remember to keep an exit to your back



Only fight a fire in the incipient stage

Most Important Slide

NEVER-FIGHT A FIRE IF ANY OF THE FOLLOWING APPLY:

- Don't have the proper extinguisher or equipment
- Fire has spread beyond its point of origin
- Your instincts tell you GET OUT


Safety Gadgets

Smothering Method **Fire Blanket**

EMERGENCY RESPONSE


- While moving out of the building always use stairways



- Do not use lifts, they may fail mid way trapping people inside.

PRECAUTIONS

- Do not obstruct emergency equipment. Fire extinguishers must be easily accessible.
- Materials must not be stored in front of exits or along stairways blocking them.
- Know the exits in the laboratory and in the building.



- Display emergency contact numbers near the telephone

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FIRE SAFETY DEVICE

FIRE ALARM- A manual alarm system which consists of break glass units and alarm sounders connected to a control panel, can only be operated and the alarm raised, if activated by a person discovering a fire incident.




SMOKE DETECTOR- An automatic system comprises of smoke and heat detectors, in addition to break glass units and alarm sounders connected to a control panel. Automatic systems have the ability to raise the alarm regardless of the presence of occupants, which provides an early warning of a fire incident.




FIRE SAFETY DEVICE

WATERSPRINKLER- A water sprinkler or sprinkler head is the component of a fire sprinkler system that discharges water when the effects of a fire have been detected, such as when a predetermined temperature has been exceeded.




FIRE DOOR- A fire door is a door with a fire-resistance rating (sometimes referred to as a fire protection rating for closures) used as part of a passive fire protection system to reduce the spread of fire or smoke between compartments and to enable safe egress from a building or structure or ship.



FIRE SAFETY DEVICE

WATERHOSE PIPE- A water sprinkler or sprinkler head is the component of a fire sprinkler system that discharges water when the effects of a fire have been detected, such as when a predetermined temperature has been exceeded.



FIRE Simple Definition

- ▶ F - Find what type the fire is.
- ▶ I - Inform to everyone by raising alarm
- ▶ R - React Immediately, Restrict the fire by closing doors, Isolating the fuel electricity supply
- ▶ E - Extinguish the fire by using the correct type fire extinguish media

FIRE SAFETY SET



A - Dry Chemical Extinguisher
B - Wet Chemical Extinguisher
C - Carbon Dioxide Extinguisher
E - Water Extinguisher

Other icons include: Fire Blanket, Fire Alarm Pull Station, Fire Hose Reel, and Fire Extinguisher Media.

BIGSTOCK

How to Use a Fire Extinguisher




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P.A.S.S. Method

Pull




the pin

Pull the pin

This will allow you to squeeze the handle in order to discharge the extinguisher

P.A.S.S. Method




Aim at the base of the fire

Aiming at the middle will do no good. The agent will pass through the flames.

P.A.S.S. Method

Squeeze




the handle

Squeeze the handle

This will release the pressurized extinguishing agent

P.A.S.S. Method

Sweep




side to side

Sweep side to side

Cover the entire area that is on fire. Continue until fire is extinguished. Keep an eye on the area for re-lighting.



PASS

- Pull
- Aim
- Squeeze
- Sweep



Inspect Extinguishers

- Monthly inspection
- Extinguisher not blocked
- Pressure is acceptable
- Pin and seal are intact
- No dents or damage

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PASS Method of Fire Fighting

To operate an extinguisher:

Pull
Aim
Squeeze
Sweep

① PULL the pin
② AIM nozzle at base of fire
③ SQUEEZE the handle
④ SWEEP nozzle side to side

Know your extinguisher
Use the correct extinguisher
For help, please read extinguisher's label
For details, see page 100.

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One day Workshop on
SAFETY MEASURES AND ENERGY CONSERVATION
Organized by



Department of Electrical & Electronics Engineering



Certificate

This is to certify that Mr./Ms./Mrs.....has attended
one day workshop on "SAFETY MEASURES AND ENERGY CONSERVATION"

On 22 December 2021.

COORDINATOR

HOD / EEE

PRINCIPAL

ATTESTED

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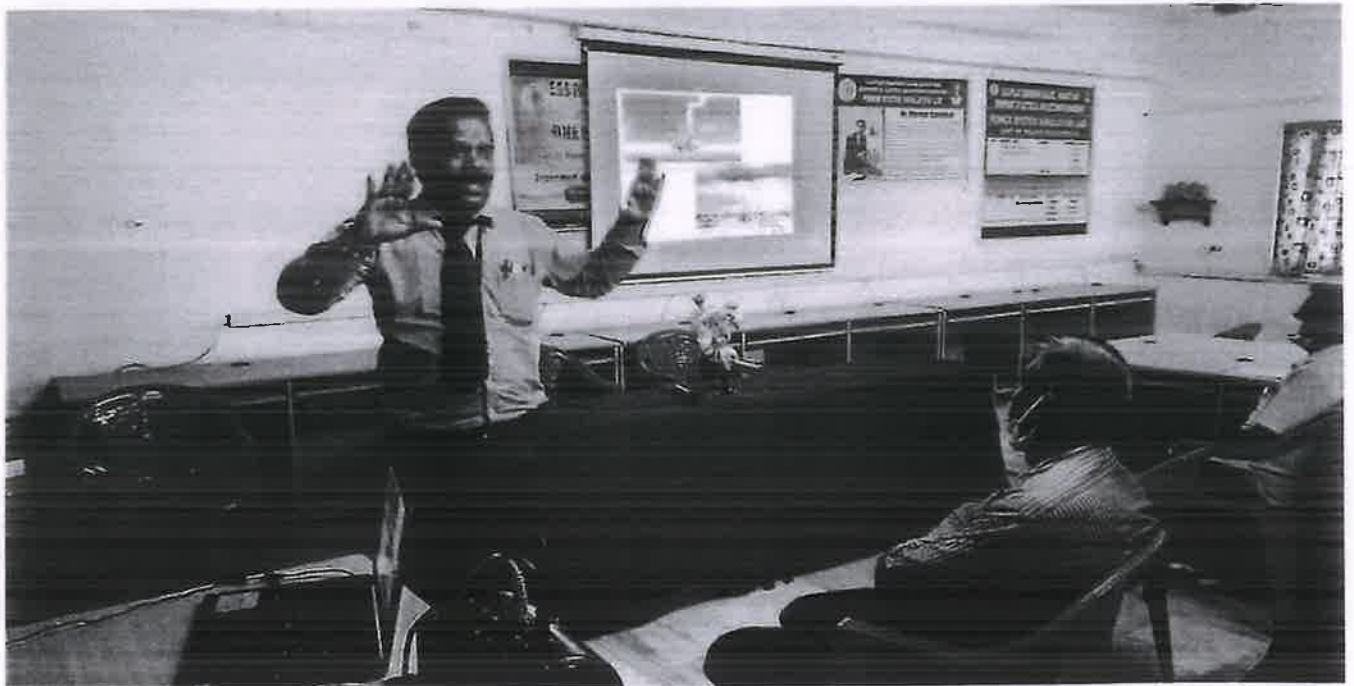
E.G.S. Pillay Engineering College,
Nagapattinam - 611 002.
Nagapattinam (Dt), Tamil Nadu.

Safety Measures and Energy Conservation photos:

Inauguration



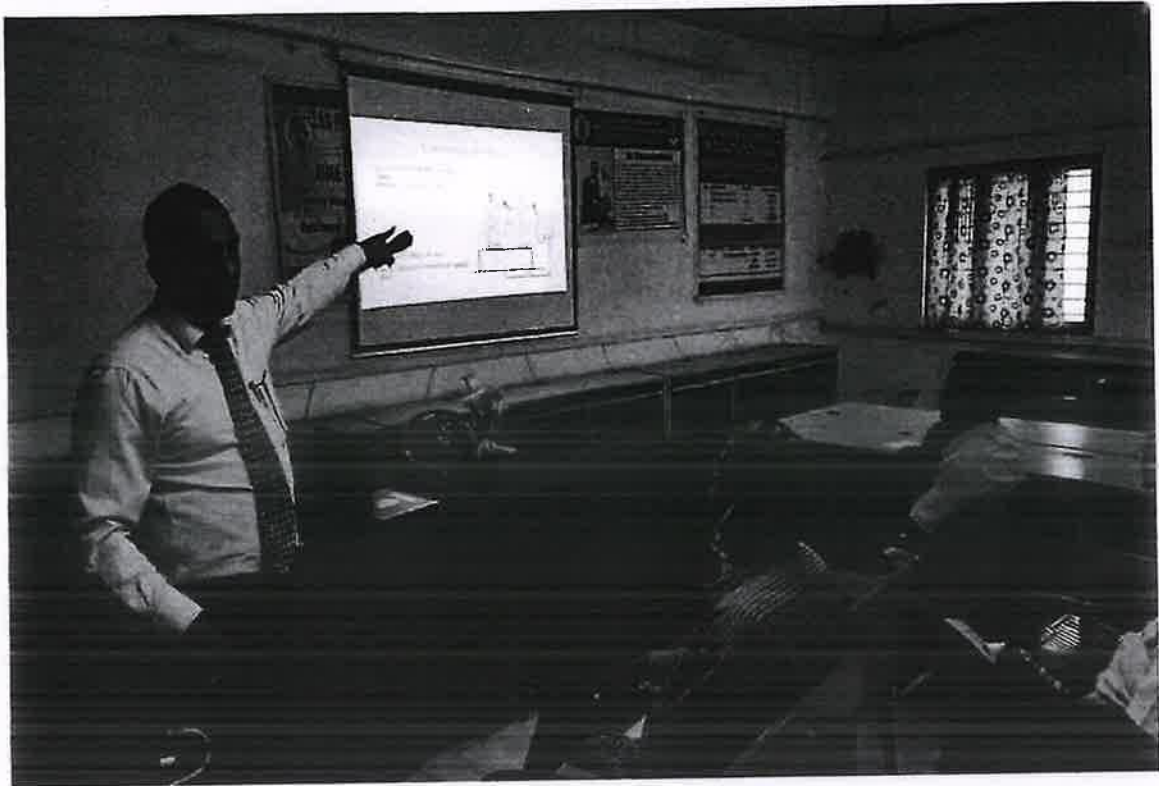
Lecture by Dr. V.Mohan on “Lightning Safety & Energy Conservation”



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Electrical Safety Lecture by Dr. T.Suresh Padmanabhan



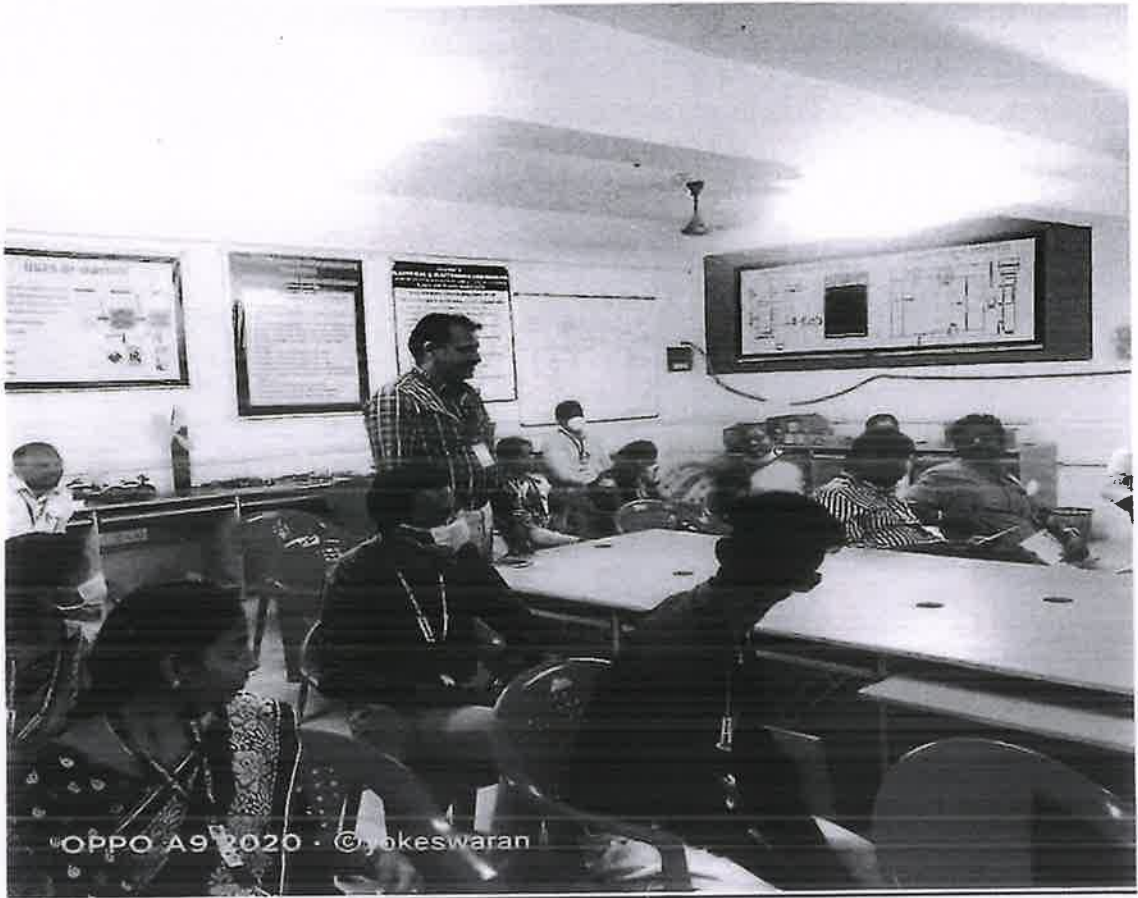
Lecture and Demo on "Fire and Safety" by Mr. K.Nandakumar



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Feed back by participants



Trust Member Mr. S. Sankarganesh Speech In Closing Cermoney



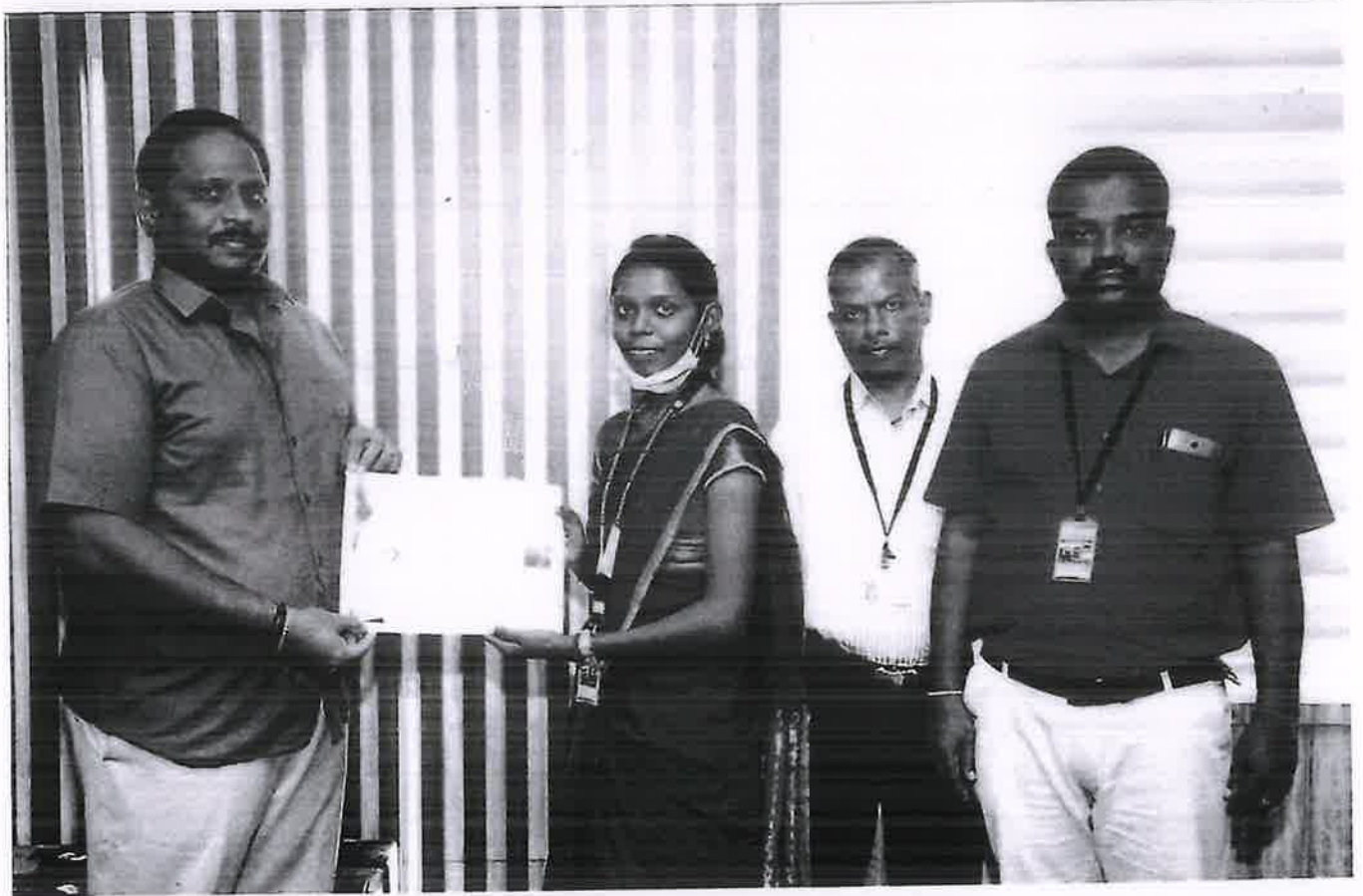
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Naganattinam (Dist. Thanjavur)

CERTIFICATES DISTRIBUTED TO PARTICIPANTS:



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PARTICIPANT FEEDBACK FORM

Program : One day Workshop
Title : SAFETY MEASURES AND ENERGY CONSERVATION
Date : 22-12-2021
Coordinators : Mr.K.Nandakumar & Mr.V.Yokeswaran
Organizer : Department of Electrical and Electronics Engineering
Institution : E.G.S. Pillay engineering College

Instruction: Please indicate your level of agreement with the statements listed below in scores ranging from 5-1

S.No	Parameters	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strong Disagr (1)
1	The objectives of the course were clearly defined	✓				
2	Participation and interaction were encouraged	✓				
3	Topics covered were relevant to the programme	✓				
4	The content was organized and easy to follow	✓				
5	The content is easy to understand useful to analyze	✓				
6	This course experience will be useful in my teaching/ research	✓				
7	Lectures were very informative on current state of art design and useful to apply the concepts		✓			
8	The programme objectives were met	✓				
9	Time allotted for topics were sufficient	✓				
10	The learning environment and facilities were adequate and comfortable	✓				

Overall rating: Excellent (E) / Good (G) / Satisfactory(S) / Poor (P)

11	What did you like most about this programme?	-
12	What are the things to be added for improvement?	-
13	Any more suggestions to improve the programme	-

Thanks for your valuable feedback

Participants Name : K. RAJU

Participants Signature : 

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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

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2	Participation and interaction were encouraged		✓			
3	Topics covered were relevant to the programme	✓				
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7	Lectures were very informative on current state of art design and useful to apply the concepts		✓			
8	The programme objectives were met	✓				
9	Time allotted for topics were sufficient	✓				
10	The learning environment and facilities were adequate and comfortable		✓			

Overall rating: Excellent (E) / Good (G) / Satisfactory(S) / Poor (P)

11	What did you like most about this programme? I like fire safety. equipment program.
12	What are the things to be added for improvement? this program is good.
13	Any more suggestions to improve the programme No.

Thanks for your valuable feedback

Participants Name : G. KEERTHANA .

Participants Signature : 

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Thethi. Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

PARTICIPANT FEEDBACK FORM

Program : One day Workshop
Title : SAFETY MEASURES AND ENERGY CONSERVATION
Date : 22-12-2021
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Institution : E.G.S. Pillay engineering College

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8	The programme objectives were met	✓				
9	Time allotted for topics were sufficient		✓			
10	The learning environment and facilities were adequate and comfortable	✓				

Overall rating: Excellent (E) / Good (G) / Satisfactory(S) / Poor (P)

11	What did you like most about this programme? -
12	What are the things to be added for improvement? -
13	Any more suggestions to improve the programme -

Thanks for your valuable feedback

Participants Name : S.VENKATESAN

Participants Signature : *S. Venkatesan*

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PARTICIPANT FEEDBACK FORM

Program : One day Workshop
Title : SAFETY MEASURES AND ENERGY CONSERVATION
Date : 22-12-2021
Coordinators : Mr.K.Nandakumar & Mr.V.Yokeswaran
Organizer : Department of Electrical and Electronics Engineering
Institution : E.G.S. Pillay engineering College

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3	Topics covered were relevant to the programme	✓				
4	The content was organized and easy to follow	✓				
5	The content is easy to understand useful to analyze	✓				
6	This course experience will be useful in my teaching/ research	✓				
7	Lectures were very informative on current state of art design and useful to apply the concepts		✓			
8	The programme objectives were met	✓				
9	Time allotted for topics were sufficient	✓	✓			
10	The learning environment and facilities were adequate and comfortable	✓				

Overall rating: Excellent (E) / Good (G) / Satisfactory(S) / Poor (P)

11	What did you like most about this programme? -
12	What are the things to be added for improvement? -
13	Any more suggestions to improve the programme -

Thanks for your valuable feedback

Participants Name : S. Sathishkumar

Participants Signature : S. S. [Signature]

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 Nagapattinam, Tamil Nadu.

PARTICIPANT FEEDBACK FORM

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Coordinators : Mr.K.Nandakumar & Mr.V.Yokeswaran
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Overall rating: Excellent (E) / Good (G) / Satisfactory(S) / Poor (P)

11	What did you like most about this programme?	-
12	What are the things to be added for improvement?	-
13	Any more suggestions to improve the programme	-

Thanks for your valuable feedback

Participants Name : V. RAJAKUMAR

Participants Signature : 

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E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

PARTICIPANT FEEDBACK FORM

Program : One day Workshop
Title : SAFETY MEASURES AND ENERGY CONSERVATION
Date : 22-12-2021
Coordinators : Mr.K.Nandakumar & Mr.V.Yokeswaran
Organizer : Department of Electrical and Electronics Engineering
Institution : E.G.S. Pillay engineering College

Instruction: Please indicate your level of agreement with the statements listed below in scores ranging from 5-1

S.No	Parameters	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Stron Disag (1)
1	The objectives of the course were clearly defined	✓				
2	Participation and interaction were encouraged	✓				
3	Topics covered were relevant to the programme		✓			
4	The content was organized and easy to follow	✓				
5	The content is easy to understand useful to analyze		✓			
6	This course experience will be useful in my teaching/ research	✓				
7	Lectures were very informative on current state of art design and useful to apply the concepts	✓				
8	The programme objectives were met	✓				
9	Time allotted for topics were sufficient		✓			
10	The learning environment and facilities were adequate and comfortable	✓				

Overall rating: Excellent (E) / Good (G) / Satisfactory(S) / Poor (P)

11	What did you like most about this programme? -
12	What are the things to be added for improvement? -
13	Any more suggestions to improve the programme -

Thanks for your valuable feedback

Participants Name : S. THIYAGU

Participants Signature : 

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.
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Nagapattinam, (20) Tamil Nadu.

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S.No	Parameters	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1	The objectives of the course were clearly defined	✓				
2	Participation and interaction were encouraged	✓				
3	Topics covered were relevant to the programme	✓				
4	The content was organized and easy to follow	✓				
5	The content is easy to understand useful to analyze		✓			
6	This course experience will be useful in my teaching/ research	✓				
7	Lectures were very informative on current state of art design and useful to apply the concepts		✓			
8	The programme objectives were met	✓				
9	Time allotted for topics were sufficient	✓				
10	The learning environment and facilities were adequate and comfortable	✓				

Overall rating: Excellent (E) / Good (G) / Satisfactory(S) / Poor (P)

11	What did you like most about this programme?	-
12	What are the things to be added for improvement?	-
13	Any more suggestions to improve the programme	-

Thanks for your valuable feedback

Participants Name : M. N. SUBRAMANIAN

Participants Signature : 

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PARTICIPANT FEEDBACK FORM

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Instruction: Please indicate your level of agreement with the statements listed below in scores ranging from 5-1

S.No	Parameters	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strong Disag (1)
1	The objectives of the course were clearly defined		✓			
2	Participation and interaction were encouraged	✓				
3	Topics covered were relevant to the programme		✓			
4	The content was organized and easy to follow		✓			
5	The content is easy to understand useful to analyze					
6	This course experience will be useful in my teaching/ research	✓				
7	Lectures were very informative on current state of art design and useful to apply the concepts	✓				
8	The programme objectives were met		✓			
9	Time allotted for topics were sufficient		✓			
10	The learning environment and facilities were adequate and comfortable		✓			

Overall rating: Excellent (E) / Good (G) / Satisfactory(S) / Poor (P)

11	What did you like most about this programme? I like Fire Safety equipment programme.
12	What are the things to be added for improvement? No. The programme is good.
13	Any more suggestions to improve the programme No.

Thanks for your valuable feedback

Participants Name : M.NANDHINI

Participants Signature : M. Nandhini

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