

**E.G. S PILLAY ENGINEERING COLLEGE  
[AUTONOMOUS]  
NAGAPATTINAM-611002**

Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai  
Accredited by NAAC with 'A' Grade | An ISO 9001 : 2015 Certified Institution  
NAGAPATTINAM - 611002 TAMIL NADU INDIA

Ph : 04365-251112 / 251114 | E-mail:enquires@egspec.org | Website : [www.egspec.org](http://www.egspec.org)

**DEPARTMENT OF MCA**

**Webinar on PHP with MYSQL**

**19.08.2021**



<http://www.egspec.org>

Ph: 04365-251114

**Coordinator(s)**

1. Mrs.A.Hema,MCA.,M.Phil.,  
Assistant Professor/MCA
2. Mrs.S.Visalatchy,MCA  
Assistant Professor/MCA

**Convener**

**Dr.J.Vanitha,MCA.,M.Phil.,Ph.D  
Professor /MCA**

**E. E.G.S.PILLAY ENGINEERING COLLEGE,[AUTONOMOUS]NAGAPATTINAM – 611002**

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**Nagapattinam – 611001 Tamil Nadu India**

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**WEBINAR  
ON  
PHP WITH MYSQL**

**On**

**19.08.2021**

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**E.G.S PILLAY ENGINEERING COLLEGE [AUTONOMOUS]  
NAGAPATTINAM**

**DEPARTMENT OF MCA**

***Webinar on PHP with MYSQL***

**AGENDA**

**19.08.2021**

| <b>DATE &amp; TIME</b> | <b>TOPIC</b>  | <b>RESOURCE PERSON</b>  |
|------------------------|---|---|
| <b>19.08.2021</b>      | Welcome Address   | Dr.J.Vanitha,Professor & HOD<br>Department of MCA                         |
|                        | Introduction about MCA<br>Department,EGSPEC   | Dr.J.Vanitha,Professor & HOD<br>Department of MCA                         |
|                        | Introduction about PHP<br>with MYSQL<br>Demonstrate how the<br>PHP program connect<br>with MYSQL Using<br>WAMP Server | Mr. S. Gunasekaran<br>Programmer Analyst<br>Touch Mark Descience Pvt Ltd, |
|                        | Feedback Session<br>Vote of Thanks  | Mrs.A.Hema  |

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**Ph:04365 -251112 / 251114 | E-mail:enquiries@egspec.org | Website : [WWW.egspec.org](http://WWW.egspec.org)**

**Cordially Invites you for the**

**WEBINAR  
ON  
*PHP with MYSQL***

**On**

**19.08.2021**

**(Join with Google Meet)**

**<https://meet.google.com/cdk-njah-wrz>**

**CHIEF GUEST**

**Mr. S. Gunasekaran**

**Programmer Analyst,**

**Touch Mark Descience Pvt Ltd**

**Chennai**

**Organized by**

**Department of MCA**

**Mrs. A. Hema, AP/MCA  
Mrs.S.Visalatchy,AP/MCA  
Coordinators**

**Dr. J.Vanitha, HOD /MCA  
Convener**



Nagapattinam,

19.08.2021.

From

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

To

Dr.J.Vanitha,  
Professor and Head,  
Department of Computer Applications,  
E.G.S.Pillay Engineering College (Autonomous),  
Nagapattinam..

Respected Sir,

Sub: Requested to conduct Online Webinar – Reg.,

We are planning to conduct Online Webinar for MCA students (II,III years) on 19.08.2021(Thursday)at 12.00 Pm to 1.00 PM .So, I humbly request you to grant permission to conduct the Program.

Alumni Resource Person: **Mr. S. Gunasekaran,Programmer Analyst,Touchmark Descience Pvt Ltd,Chennai-32.**

**Program Schedule:**

| <b>Program</b>             | <b>Time</b>        |
|----------------------------|--------------------|
| Workshop on PHP with MYSQL | 12.00 PM – 1.00 PM |

Thanking you,

Yours truly,

[Mrs.A.Hema]

Webinar on

# PHP with MYSQL



Thursday 19th August 2021



Starting from 12.00 P.M - 1.00 P.M



[meet.google.com/cdk-njah-wrz](https://meet.google.com/cdk-njah-wrz)

DEPARTMENT OF  
COMPUTER APPLICATIONS



Alumni

## Gunasekaran

Programmer Analyst,

Touchmark Descience Pvt Ltd,  
Chennai - 32.

2017 - 2020 batch



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



Nagapattinam - 611002, Tamilnadu  
Counselling code 3806

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**Ph:04365 -251112 / 251114 | E-mail:enquiries@egspec.org | Website : [WWW.egspec.org](http://WWW.egspec.org)**

**WEBINAR ON PHP with MYSQL**  
**On**  
**19.08.2021**

**Participants List**

| <b>S.No</b> | <b>Participants Name List</b> |
|-------------|-------------------------------|
| 1           | ABINAYA B                     |
| 2           | AGENUS BEAULA P               |
| 3           | DEVI PRIYANGA S               |
| 4           | DHIVYA M                      |
| 5           | ELANGKUMARAN R                |
| 6           | GAAYATHRI P                   |
| 7           | GANISHMA K                    |
| 8           | GAYATHIRI S                   |
| 9           | GUNALAN R                     |
| 10          | HARIHARAN J                   |
| 11          | INDHIRA T                     |
| 12          | JAYABHARATHI M                |
| 13          | JOTHIKA K                     |
| 14          | KALAISELVI K                  |
| 15          | KARUNNIYA R                   |
| 16          | LAKSHMI B                     |
| 17          | MASKOOTH FAROOK B             |
| 18          | MOHAMED AKHRAM KHAN B         |
| 19          | MOHAMED SHAMEER S             |
| 20          | MOHAMED WASIM M               |
| 21          | MOUSIGA V                     |
| 22          | NIVYA SRI M                   |
| 23          | PAVITHRA M                    |
| 24          | PREETHI R                     |
| 25          | PRIYA THARSHINI S             |
| 26          | RAJAMALANI R                  |
| 27          | RAJESH S                      |
| 28          | SIVAPRASATH M                 |
| 29          | SOWMIYA V                     |
| 30          | SRIDEVI R                     |
| 31          | SUBASHINI R                   |
| 32          | VEDHAMALIKA R                 |
| 33          | VENGATESH B                   |
| 34          | VIKRAM M                      |
| 35          | YUVETHA.S                     |
| 36          | KALAISELVI T                  |
| 37          | NAVANEETHAKRISHANAN R         |
| 38          | RAGUVARAN R                   |
| 39          | RANJITH KUMAR                 |
| 40          | SASIREHA S                    |
| 41          | KALAISELVI T                  |

Dr.J. Vanitha (me)



scethala (Host)



4002



Abdul Rahman



BALAJI K



C.Mallika



Dr. P. Arunkumar



hema karnan



Kishore



Mohamed Raimeen871



MY MONICA Y



P.Poovarasam



**E.G.S.PILLAY ENGINEERING COLLEGE [AUTONOMOUS], NAGAPATTINAM  
DEPARTMENT OF MASTER OF COMPUTER APPLICATION**

**Programme Educational Objectives (PEO)**

**The PEO of MCA programme are as follows.**

PEO1: To employ solid foundation in mathematical and computing fundamentals and techniques to develop software solutions.

PEO2: To apply good computing breadth so as to comprehend, analyze, design and create computing solutions for the real-life problems and entrepreneurial skills with a rich set of communication, teamwork and leadership skills to excel in their profession.

PEO3: To show continuous improvement in their professional career through life-long learning, understand the human values and ethics.

**Program Outcomes (PO)**

Graduates will be able to

PO1: Apply knowledge of computing fundamentals, computing specialization, mathematics, and domain knowledge appropriate for the computing specialization to the abstraction and conceptualization of computing models from defined problems and requirements.

PO2: Identify, formulate, research literature, and solve *complex* computing problems reaching substantiated conclusions using fundamental principles of mathematics, computing sciences, and relevant domain disciplines.

PO3: Design and evaluate solutions for *complex* computing problems, and design and evaluate systems, components, or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.

PO4: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: Create, select, adapt and apply appropriate techniques, resources, and modern computing tools to *complex* computing activities, with an understanding of the limitations.

PO6: Understand and commit to professional ethics and cyber regulations, responsibilities, and norms of professional computing practice.

PO7: Recognize the need, and have the ability, to engage in independent learning for continual development as a computing professional.

PO8: Demonstrate knowledge and understanding of the computing and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO9: Communicate effectively with the computing community, and with society at large, about *complex* computing activities by being able to comprehend and write effective reports, design documentation, make effective presentations, and give and understand clear instructions.

PO10: Understand and assess societal, environmental, health, safety, legal, and cultural issues within local and global contexts, and the consequential responsibilities relevant to professional computing practice.

PO11: Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary environments.

PO12: Identify a timely opportunity and using innovation to pursue that opportunity to create value and wealth for the betterment of the individual and society at large.

**Program Specific Outcomes (PSO)**

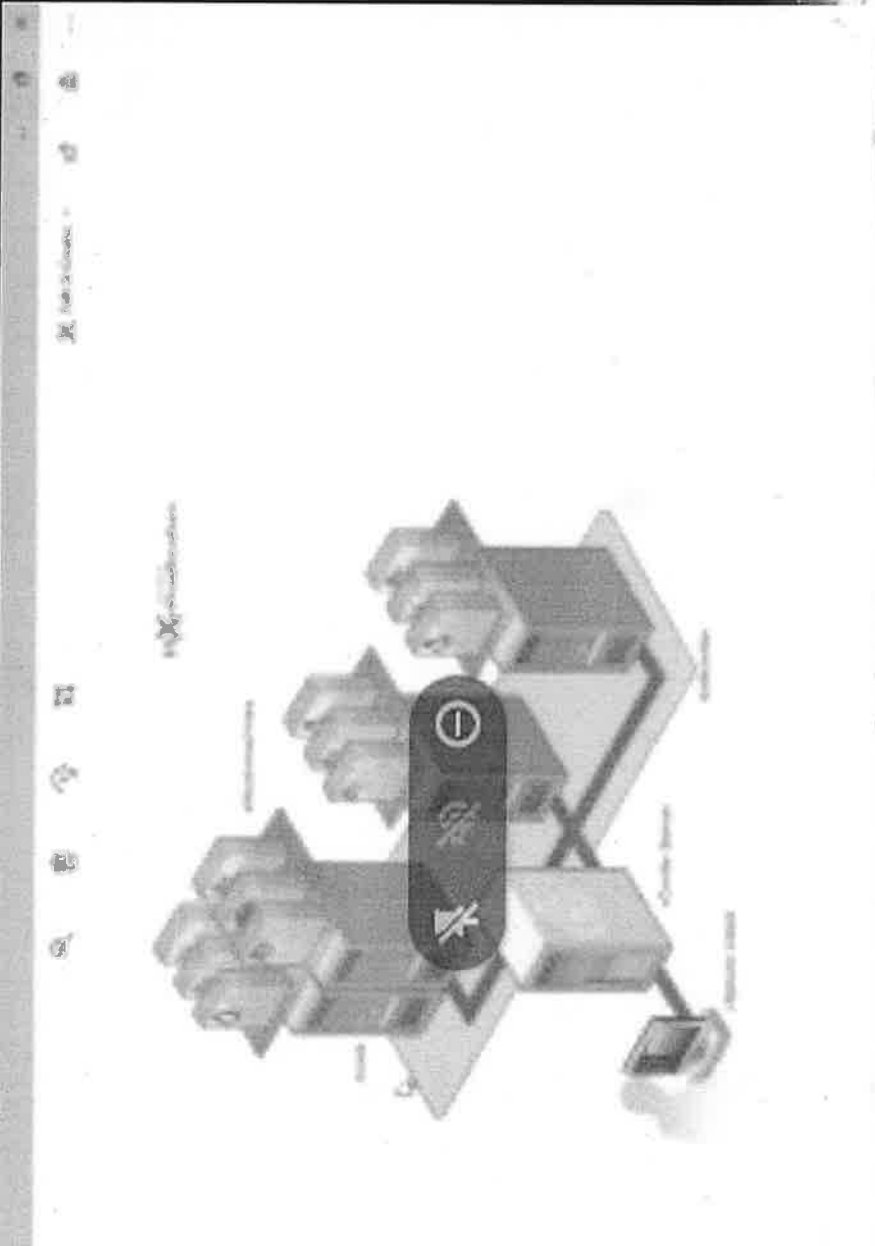
Graduates will be able to

PSO 1: Apply software engineering principles in the design and development of web and mobile applications

PSO 2: Manage and analyze huge volume of data in real world problems



arasu is presenting



### In-call messages

Let everyone send messages

Messages can only be seen if you have a microphone. Messages are deleted when you end the call.

You 9:54 AM  
mam just a mint

K. Gowthami 9:54 AM  
Good morning mam

Dr.J.Vanitha 9:54 AM  
Children my voice is audible

M. Bhuvaneshwari M. Bhuvaneshwari  
Yes mam

Send a message to everyone





**Gunasekaran Selvarasu**





**Dr.J.Vanitha**



**36 others**





**M. Bhuvaneshwari**



varasu is presenting

Pradangul Selvarasu

### In-call messages

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You 9:54 AM  
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K. Gowthami 9:54 AM  
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Dr.J.Vanitha 9:54 AM  
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M. Bhuvaneshwari M. Bhuvar  
Yes mam

Send a message to everyone



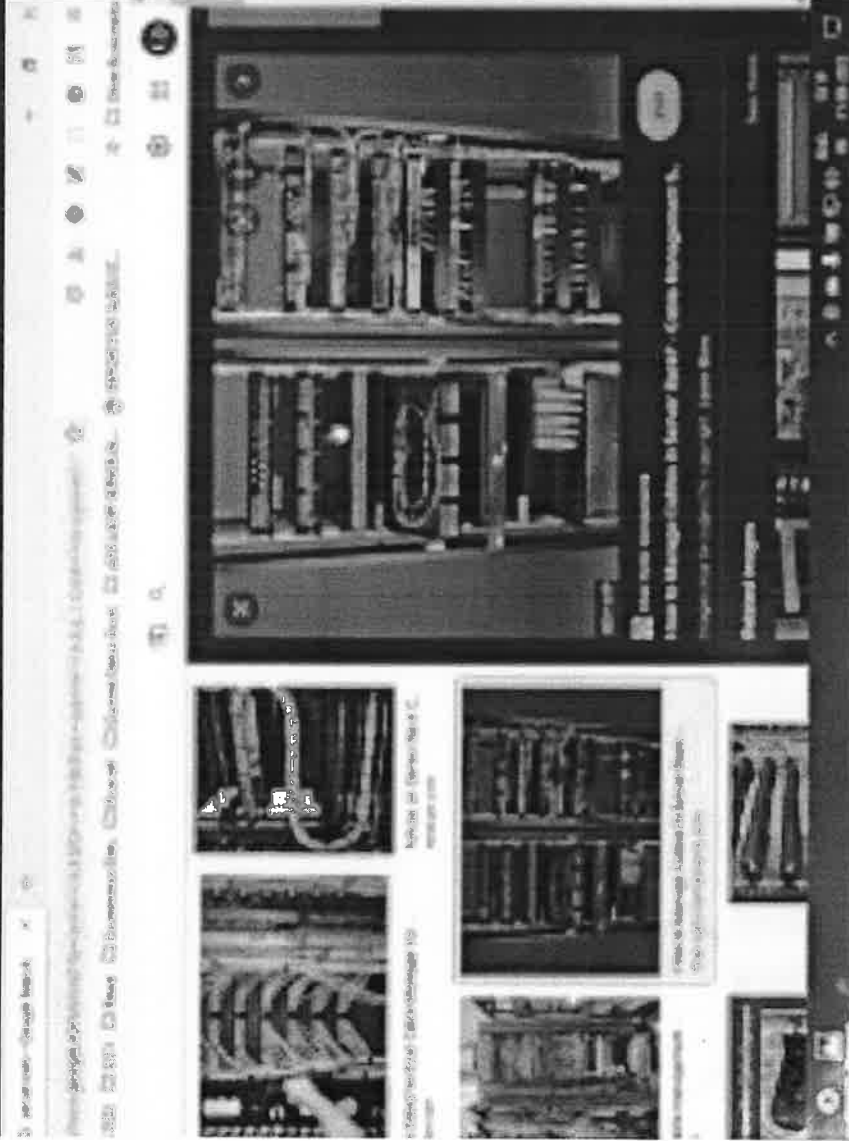

**Gunasekaran Selvarasu**




36 others



You





**E.G.S.Pillay Engineering College [Autonomous], Nagapattinam**  
**Department of MCA**

**Webinar On PHP WITH MYSQL  
Feedback (19.08.2021)**

| S.No | Timestamp       | Enter Name      | Mail id  | How satisfied you were with the event? | How would you rate the content of the webinar? | The presentation delivery system was stable and met the needs of the attendees | The presentation material contributed to understanding the subject matter. | How satisfied you were with the session content? | The presenter(s) explained concepts clearly and understandably. | overall feedback for the event?   |
|------|-----------------|-----------------|--|--|--|--|--|--|---|---|
| 1    | 19-08-202112:06 | ABINAYA B       | <a href="mailto:abinaya0661@gmail.com">abinaya0661@gmail.com</a>                         | 5                                      | 4  | 4  | 5  | 4  | 5   | good  |
| 2    | 19-08-202112:06 | AGENUS BEAULA P | <a href="mailto:agenus75@gmail.com">agenus75@gmail.com</a>                               | 4                                      | 5  | 5  | 5  | 5  | 5   | Super   |
| 3    | 19-08-202112:06 | DEVI PRIYANGA S | <a href="mailto:devipriyanganasaravanan@gmail.com">devipriyanganasaravanan@gmail.com</a> | 5                                      | 5  | 5  | 5  | 5  | 5   | Super   |
| 4    | 19-08-202112:06 | DHIVYA M        | <a href="mailto:Divyamounish2000@gmail.com">Divyamounish2000@gmail.com</a>               | 5                                      | 5  | 5  | 5  | 5  | 5   | Useful for information  |
| 5    | 19-08-202112:06 | ELANGKUMARAN R  | <a href="mailto:kumaranr2603@gmail.com">kumaranr2603@gmail.com</a>                       | 4                                      | 5  | 5  | 5  | 4  | 5   | Shared a lot. Good session.   |
| 6    | 19-08-202112:07 | GAAYATHRI P     | <a href="mailto:gaayathripurushoth@gmail.com">gaayathripurushoth@gmail.com</a>           | 4                                      | 5  | 4  | 4  | 5  | 3   | good  |
| 7    | 19-08-202112:07 | GANISHMA K      | <a href="mailto:kanishma12@gmail.com">kanishma12@gmail.com</a>                           | 5                                      | 5  | 5  | 5  | 5  | 5   | This session is very useful for learning the cloud computing and AWS services |

|    |                 |               |  |   |   |   |   |   |   |   |   |
|----|-----------------|---------------|--|---|---|---|---|---|---|---|---|
| 8  | 19-08-202112:08 | GAYATHIRI S   |  | 4 | 5 | 4 | 5 | 4 | 4 | 4 | Very useful   |
| 9  | 19-08-202112:08 | GUNALAN R     | <a href="mailto:gunalanprabu@gmail.com">gunalanprabu@gmail.com</a>             | 5 | 4 | 5 | 4 | 4 | 5 | 5 | Very useful for session   |
| 10 | 19-08-202112:08 | HARIHARAN J   | <a href="mailto:rohithari7867@gmail.com">rohithari7867@gmail.com</a>           | 5 | 5 | 5 | 5 | 5 | 5 | 5 | Really very useful for us.  |
| 11 | 19-08-202112:08 | INDHIRA T     | <a href="mailto:indhira8124@gmail.com">indhira8124@gmail.com</a>               | 5 | 5 | 5 | 5 | 5 | 5 | 5 | Very useful session and we'll knowledgeable person to take the session thank you Guna bro. thank you for the webinar mam. |
| 12 | 19-08-202112:09 | JAYABHARATHIM | <a href="mailto:jayabharathim2000@gmail.com">jayabharathim2000@gmail.com</a>   | 4 | 4 | 4 | 4 | 4 | 4 | 4 | Excellent   |
| 13 | 19-08-202112:09 | JOTHIKA K     | <a href="mailto:k.s.jothikajothika@gmail.com">k.s.jothikajothika@gmail.com</a> | 5 | 4 | 4 | 4 | 5 | 4 | 4 | Nice to participate this webinar  |
| 14 | 19-08-202112:09 | KALAISELVI K  | <a href="mailto:apjjanani@gmail.com">apjjanani@gmail.com</a>                   | 5 | 5 | 5 | 5 | 5 | 5 | 5 | Very helpful session thank you sir  |
| 15 | 19-08-202112:10 | KARUNNIYA R   | <a href="mailto:Karunniyasujji@gmail.com">Karunniyasujji@gmail.com</a>         | 5 | 5 | 5 | 5 | 5 | 5 | 5 | Good.its very usefull   |
| 16 | 19-08-202112:10 | LAKSHMI B     | <a href="mailto:akshaya1082012@gmail.com">akshaya1082012@gmail.com</a>         | 5 | 5 | 5 | 5 | 5 | 5 | 5 | Very useful to this opportunity in the class listen for job and more this section was very useful to                      |

|    |                 |                       |                               |   |   |   |   |   |   |   |            |  |
|----|-----------------|-----------------------|-------------------------------|---|---|---|---|---|---|---|------------|--|
| 17 | 19-08-202112:12 | MASKOOTH FAROOK B     | maskoothfarookmaddy@gmail.com | 5 | 5 | 4 | 5 | 4 | 5 | 4 | Good...    | some ideas Thank you...  |
| 18 | 19-08-202112:12 | MOHAMED AKHRAM KHAN B | mohamedakhrakhan97@gm         | 4 | 4 | 4 | 4 | 4 | 4 | 4 | Good □□    |  |
| 19 | 19-08-202112:12 | MOHAMED SHAMEER S     | mohamedshameer3700@gmail.com  | 5 | 5 | 5 | 5 | 5 | 5 | 4 | Good □□    |  |
| 20 | 19-08-202112:13 | MOHAMED WASIM M       | mohamedwasim68@gmail.com      | 4 | 4 | 3 | 3 | 4 | 4 | 4 | Good       |  |
| 21 | 19-08-202112:13 | MOUSIGA V             | mousigav@gmail.com            | 5 | 5 | 5 | 5 | 5 | 5 | 5 | nice super |  |
| 22 | 19-08-202112:14 | NIVYA SRIM            | navaliyamutha@gmail.com       | 5 | 5 | 5 | 5 | 5 | 5 | 5 | Good       |  |
| 23 | 19-08-202112:16 | PAVITHRAM             | tvrmivi00@gmail.com           | 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 | 19-08-202112:16 | PREETHI R             | Preethirajaram36@gmail.com    | 4 | 4 | 4 | 4 | 4 | 4 | 3 | Good       |  |
| 25 | 19-08-202112:18 | PRIYA THARSHINI S     | devi1256priya@gmail.com       | 4 | 5 | 4 | 4 | 4 | 4 | 4 | Good       |  |

|    |                 |                        |  |   |   |   |   |   |   |  |
|----|-----------------|------------------------|--|---|---|---|---|---|---|--|
| 26 | 19-08-202112:18 | RAJAMALANIR            | <a href="mailto:malinimiller@gmail.com">malinimiller@gmail.com</a>                       | 5 | 5 | 4 | 4 | 5 | 4 | Thank you so much for ur wonderful session. It's very useful for us. |
| 27 | 19-08-202112:19 | RAJESH S               | <a href="mailto:rajeshmsd62@gmail.com">rajeshmsd62@gmail.com</a>                         | 5 | 5 | 4 | 5 | 5 | 4 | Super  |
| 28 | 19-08-202112:22 | SIVAPRASATH M          | <a href="mailto:sivaprasath612@gmail.com">sivaprasath612@gmail.com</a>                   | 5 | 5 | 5 | 5 | 5 | 5 | Good.  |
| 29 | 19-08-202112:26 | SOWMIYA V              | <a href="mailto:sowmiya28600@gmail.com">sowmiya28600@gmail.com</a>                       | 5 | 5 | 5 | 5 | 5 | 5 | Very useful  |
| 30 | 19-08-202112:29 | SRIDEVIR               | <a href="mailto:sridevirajarethinam2619@gmail.com">sridevirajarethinam2619@gmail.com</a> | 5 | 5 | 5 | 5 | 5 | 5 | Very useful  |
| 31 | 19-08-202112:31 | SUBASHINIR             | <a href="mailto:Subarajadurai99@gmail.com">Subarajadurai99@gmail.com</a>                 | 4 | 4 | 5 | 4 | 4 | 4 | Very useful  |
| 32 | 19-08-202112:13 | VEDHAMALIKA R          | <a href="mailto:vedhamalika34@gmail.com">vedhamalika34@gmail.com</a>                     | 5 | 5 | 4 | 5 | 5 | 4 | Good...  |
| 33 | 19-08-202112:13 | VENGATESH B            | <a href="mailto:Vengadesh3072000@gmail.com">Vengadesh3072000@gmail.com</a>               | 4 | 4 | 4 | 4 | 4 | 4 | Good   |
| 34 | 19-08-202112:14 | VIKRAM M               | <a href="mailto:vv3744120@gmail.com">vv3744120@gmail.com</a>                             | 5 | 5 | 5 | 5 | 5 | 4 | Good   |
| 35 | 19-08-202112:16 | KALAISELVI T           | <a href="mailto:kalaikalai72558@gmail.com">kalaikalai72558@gmail.com</a>                 | 4 | 4 | 3 | 3 | 4 | 4 | Good   |
| 36 | 19-08-202112:16 | NAVANEETHAKRISH ANAN R | <a href="mailto:navaneethakrishnan917@gmail.com">navaneethakrishnan917@gmail.com</a>     | 5 | 5 | 5 | 5 | 5 | 5 | super  |
| 37 | 19-08-202112:13 | RAGUVARAN R            | <a href="mailto:raviragu_005@gmail.com">raviragu_005@gmail.com</a>                       | 5 | 5 | 5 | 5 | 5 | 5 | Good   |
| 38 | 19-08-202112:13 | RANJITH KUMAR          | <a href="mailto:rprangith1206@gmail.com">rprangith1206@gmail.com</a>                     | 4 | 4 | 3 | 3 | 4 | 4 | Good   |
| 39 | 19-08-202112:14 | SASIREHA S             | <a href="mailto:sasirehaa@gmail.com">sasirehaa@gmail.com</a>                             | 5 | 5 | 5 | 5 | 5 | 5 | super  |

arasu is presenting

Google Meet interface showing a meeting in progress. The top bar includes navigation icons for back, forward, and refresh. The main area displays a blurred video feed of a participant. Below the video, there are icons for chat, mute, video off, and other meeting controls. The bottom status bar shows the meeting title and participant count.

Participant card for Gunasekaran Selvarasu. It features a circular profile picture with a logo, the name "Gunasekaran Selvarasu", and a three-dot menu icon in the top right corner.

Dr.

Participant card for HEMA L MCA. It features a circular profile picture of a woman, the name "HEMA L MCA", and a three-dot menu icon in the top right corner.

M. B

Participant card for Abimanyu K. It features a circular profile picture of a man, the name "Abimanyu K", and a three-dot menu icon in the top right corner.

SOW

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

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

Nagore Post, Nagapattinam – 611 002, Tamilnadu.

## **Department of Mechanical Engineering**

### **ONE DAY WEBINAR ON FUNDAMENTALS OF COMPUTER AIDED DESIGN**

**26.12.2021**

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| 5              | Request and acceptance mail correspondence | 6-7            |
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| 7              | Snap shots for attendance                  | 9-10           |
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(An Autonomous Institution, Affiliated to Anna University, Chennai)  
Nagore Post, Nagapattinam – 611 002, Tamilnadu.  
**Department of Mechanical Engineering**

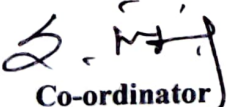
## **WEBINAR ON FUNDAMENTALS OF COMPUTER AIDED DESIGN**

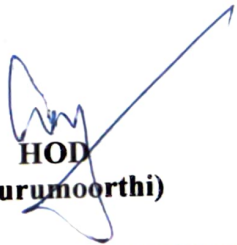
### **REPORT**

One day webinar Programme in “Fundamentals of Computer Aided Design”, has been organized by Department of Mechanical Engineering, E.G.S. Pillay Engineering College, Nagapattinam. The Programme was inaugurated in the fine morning on 26<sup>th</sup> December 2021.

The one of the co-ordinator **Mr.S.Murugesh**, started this course with his welcome address. Head of the department **Dr.G.Gurumoorthi** gave the keynote address. Our esteemed Principal **Dr.S.Ramabalan** presented the inaugural address and finally our chief Guest **Mr.R.Vignesh, Senior Design Engineer, Pumo Technovation India Private Limited,Coimbatore** has explicated about Fundamentals of Computer Aided Design.

Finally, Programme came to a close, with the summary of the whole programme was given by **Mr.K.Balasubramanian, AP/Mech**, Coordinator proposed vote of thanks.

  
Co-ordinator  
(Mr.S.Murugesh)

  
HOD  
(Dr.G.Gurumoorthi)

HEAD OF THE DEPARTMENT  
Department of Mechanical Engineering  
E.G.S. Pillay Engineering College  
Nagapattinam.

10.12.2021

From

**S.Murugesh,**  
Assistant Professor,  
Department of Mechanical Engineering,  
E.G.S. Pillay Engineering College,  
Nagapattinam.

To

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

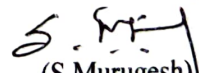
Respected Sir,

Sub: Requisition to conduct one day Webinar– Reg.

We planned to conduct one day technical webinar on “**Fundamentals of Computer Aided Design**” for Third year mechanical students dated on 26.12.2021. So, we request you to give the permission for this.

Thanking you,

Yours faithfully

  
(S.Murugesh)

Date: 10.12.2021

Place: EGSPEC, Nagapattinam



10.12.2021

From

S.Muruges,  
Assistant Professor,  
Department of Mechanical Engineering,  
E.G.S. Pillay Engineering College,  
Nagapattinam.

To

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

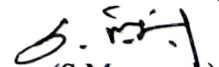
Respected Sir,

Sub: Requisition for Budget to conduct one day webinar– Reg.

We planned to conduct one day technical webinar on “**Fundamentals of Computer Aided Design**” for Third mechanical students dated on 26.12.2021. Approximation budget for this seminar is Rs.1000 for remuneration of the resource person. We request you to kindly do the needful

Thanking you,

Yours faithfully

  
(S.Muruges)

Date: 10.12.2021

Place: EGSPEC, Nagapattinam.



**E.G.S. PILLAY ENGINEERING COLLEGE**  
(An Autonomous Institution, Affiliated to Anna University, Chennai)  
Nagore Post, Nagapattinam – 611 002, Tamilnadu.  
**Department of Mechanical Engineering**

Mech/2021/ODD/CIRCULAR-01

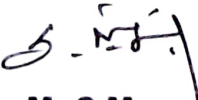
**DEPARTMENT CIRCULAR DATED 12.12.2021**

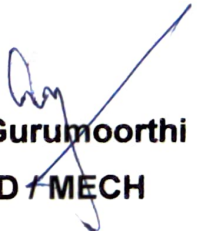
To enhance the practical Skills and fundamentals of 2D & 3D modeling softwares of our Mechanical students, we are going to conduct the webinar on " Fundamentals of Computer Aided Design" on 26.12.2021.

**OBJECTIVE**

An effort to create awareness on Mechanical designing softwares. To enhance the practical Skills to face Interview and Some needed abilities.

| DAY        | Participants      | EVENT   | RESOURCE PERSON   |
|------------|-------------------|---|---|
| 26.12.2021 | III Mech Students | <ul style="list-style-type: none"><li>• Fundamentals of CAD</li><li>• Interview Skills and Knowledge</li><li>• Some Important Mechanical basics</li></ul> | <b>Mr.R.Vignesh,</b><br><b>Senior Design Engineer,</b><br><b>Pumo Technovation India</b><br><b>Private Limited,</b><br><b>Coimbatore.</b> |

  
**Mr.S.Muruges**  
Program Coordinator

  
**Dr.G.Gurumoorthi**  
**HOD / MECH**

HEAD OF THE DEPARTMENT  
Department of Mechanical Engineering  
E.G.S. Pillay Engineering College  
Nagapattinam

# Invitation Regarding Guest Lecture

External

Inbox



**Murugesh S MECH** 25/12/2021

to vigneshrace93, murugeshm... ▾



Dear Sir,

As I already discussed with telephone conversation. We are planning to conduct the guest lecture in the topic of fundamentals of computer aided design on 26.12.21 and the session time is 10.30am to 11.30am. We are very much delighted to you as a guest for this program. So kindly accept my invitation and do the needful.

Thanking you

Thanks & Regards,

S. Murugesh., M.E

Assistant professor

Department of mechanical engineering

EGSPEC.

MAIL ID: murugesh@egspec.org

contact No: 9500725175



# Invitation Regarding Guest



Lecture External Inbox



**Murugesh S MECH** 25 Dec

Dear Sir, As I already discussed with telephone conversation. We are planning to conduct the



**vignesh R** Yesterday

to me, murugeshmech386 ✓



Dear sir

With reference to the below mail.

I accept your invitation for take guest lecturer in above mentioned subject in the topic of fundamentals of computer aided design on 26.12.21 and the session time is 10.30am to 11.30am

Thanks & regards

R.vignesh

PUMO technovation

9095880254



**ENGINEERING COLLEGE**

Affiliated to Anna University | Approved by AICTE | Accredited by -NBA & NAAC 'A' Grade | Recognised by UGC 2(F)  
12(B) | An ISO 9001 : 2015 Certified Institution  
Counselling Code : 3806  
Old Nagore Road, Nagapattinam-611 002, Tamilnadu

**DEPARTMENT OF MECHANICAL ENGINEERING**

CORDIALLY INVITES YOU ALL

**Webinar on**

**Fundamentals of computer aided design**

Beneficiaries : 3rd Year Mechanical Eng neering Students

❖ **Date: 26.12.21**

❖ **Time: 10:30Am -  
11:30 Am**



**Resource Person**

**R. VIGNESH, B.E**  
**Senior Design Engineer**  
**Pumo technovation India private limited,**  
**coimbatore.**

 <https://meet.google.com/nbc-choe-azn>

**Principal:**

**Dr. S. RAMAIAH, M.E., Ph.D**  
**EGSPEC,**

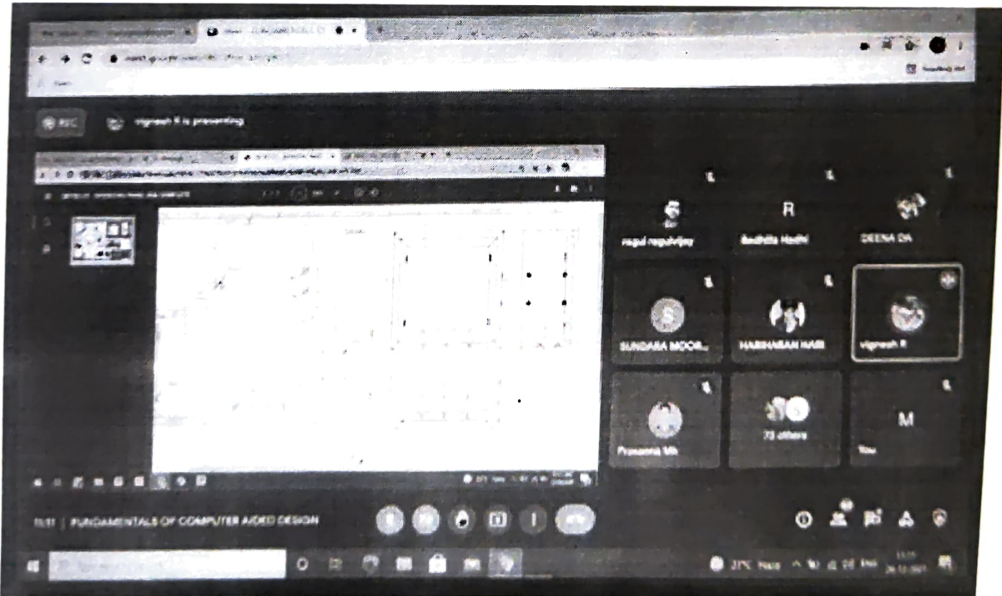
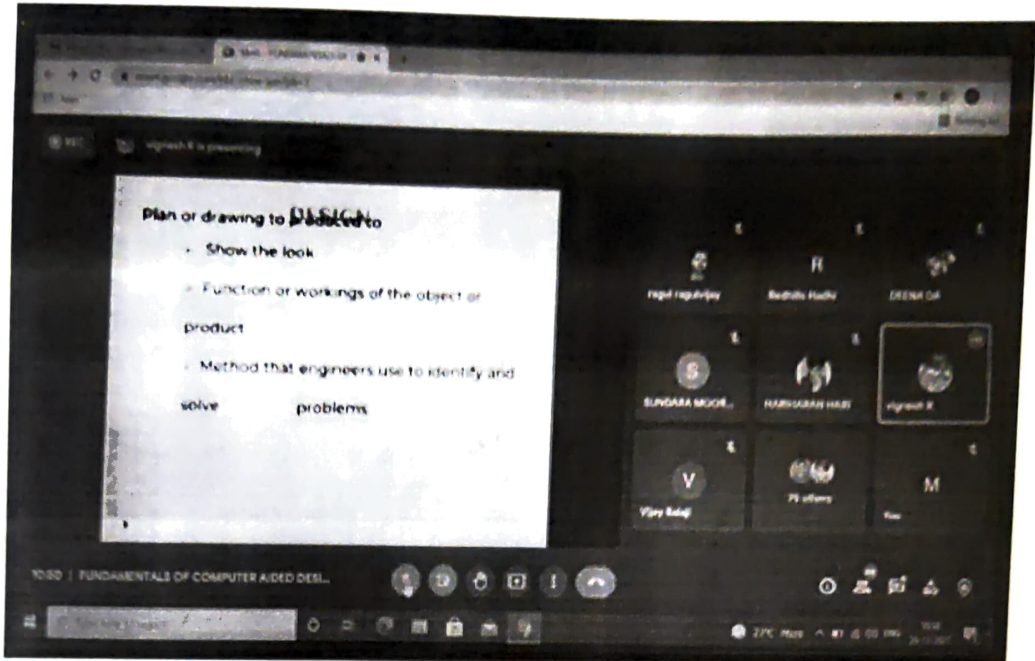
**HOD &**

**Dr. G. GURUMOORTHY, M.E., Ph.D**  
**Professor,**  
**Department of Mechanical engineering,**  
**EGSPEC,**

**Convenor:**

**S. MURUGESH, M.E**  
**Assistant professor,**  
**Department of Mechanical engineering,**  
**EGSPEC.**

# WEBINAR SNAPSHOT







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

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

Nagore Post, Nagapattinam – 611 002, Tamilnadu.

**DEPARTMENT OF MECHANICAL ENGINEERING**

ONEDAY WEBINAR  
ON

**FUNDAMENTALS OF COMPUTER AIDED DESIGN  
26.12.2021**

Improving the attainment level of course outcome 2 for 1902ME504-CAD, the webinar has been conducted.

Prepare various geometric models using curves, surfaces and solids.

Assessment Calculations:

| Reg.No    | Name of the Student | Q1        | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | TOTAL |
|-----------|---------------------|-----------|----|----|----|----|----|----|----|----|-----|-------|
|           |                     | Max Marks | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1   |       |
| E19MER001 | AAKASH S            | 1         | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1   | 10    |
| E19MER002 | AATHITHYAN. P       | 1         | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1   | 10    |
| E19MER003 | ABDHUL HADHI R      | 1         | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1   | 9     |
| E19MER004 | ABIMANYU R          | 1         | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1   | 10    |
| E19MER005 | ABINASH.K           | 1         | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1   | 10    |
| E19MER006 | ABINASH S           | 1         | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1   | 10    |
| E19MER007 | ABINATH.P           | 1         | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1   | 10    |
| E19MER008 | ABINESH.A           | 1         | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1   | 10    |
| E19MER009 | ABINESH.M           | 1         | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1   | 10    |
| E19MER010 | AJAY.B              | 1         | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 1   | 8     |
| E19MER011 | AKASH R             | 0         | 1  | 0  | 1  | 1  | 1  | 0  | 1  | 0  | 1   | 6     |
| E19MER012 | AKILAN.R            | 1         | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 0   | 7     |
| E19MER013 | ALDRIN LEO R        | 1         | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 0   | 7     |
| E19MER014 | AMBRISH FARGAN S    | 1         | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 0   | 7     |
| E19MER015 | ARULPANDI.A         | 1         | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 0   | 8     |
| E19MER016 | ARUNKUMAR.S         | 1         | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 0   | 9     |
| E19MER017 | ARUN KUMAR V        | 1         | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 0   | 9     |
| E19MER019 | ASHWIN.P            | 1         | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 0   | 9     |
| E19MER020 | ASWIN.P             | 0         | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1   | 8     |
| E19MER021 | BALAJI.P            | 0         | 1  | 0  | 0  | 1  | 0  | 1  | 0  | 1  | 1   | 5     |
| E19MER022 | BALAN K             | 0         | 1  | 0  | 0  | 1  | 0  | 1  | 0  | 0  | 1   | 4     |
| E19MER023 | BARANI.N            | 0         | 1  | 0  | 0  | 1  | 0  | 1  | 0  | 0  | 1   | 4     |
| E19MER024 | BAVADHARINI S       | 1         | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 0  | 1   | 7     |

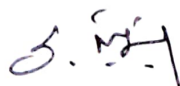


|           |                    |   |   |   |   |   |   |   |   |   |   |    |
|-----------|--------------------|---|---|---|---|---|---|---|---|---|---|----|
| E19MER025 | BHARATHI.N         | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| E19MER026 | DEEBASWARAN S      | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| E19MER027 | DEENA.A            | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| E19MER028 | DHANAVENDHAN P     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| E19MER029 | DHANUSH V          | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| E19MER030 | DHARAN.R           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| E19MER031 | DHARUN S           | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 10 |
| E19MER032 | GANESH.S           | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 6  |
| E19MER033 | GOKUL RAJ A        | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 4  |
| E19MER034 | GOWDHAM R          | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 4  |
| E19MER035 | HARI DOSS.K        | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 4  |
| E19MER036 | HARIHARAN.J        | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 8  |
| E19MER037 | HARIHARAN S        | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| E19MER038 | HARIHARAN S        | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| E19MER039 | HARIPRASATH.S      | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| E19MER040 | JANAKI RAMAN .G    | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 10 |
| E19MER041 | JAYRAM PRAKASH A   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 9  |
| E19MER042 | JEGADHEESWARAN A   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| E19MER043 | KABILESH.M         | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| E19MER044 | KALIDAS R          | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| E19MER045 | KAMALESH K         | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 9  |
| E19MER046 | KAMESHWARAN.S      | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 9  |
| E19MER047 | KANNADHASAN.E      | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 9  |
| E19MER048 | KAVIYARASAN.S      | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 9  |
| E19MER049 | KESAVAN G          | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 8  |
| E19MER050 | MANIKANDAN R       | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 9  |
| E19MER051 | MANIMARAN.S        | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 7  |
| E19MER053 | MATHISH.K          | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 6  |
| E19MER054 | MOHAMED ASIK.S     | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 6  |
| E19MER055 | MOHAMED RIYASH S   | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 6  |
| E19MER056 | MOHAMEDASHIQ A     | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 8  |
| E19MER057 | MOTHILAL A         | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 7  |
| E19MER058 | MUTHUKUMAR.P       | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 7  |
| E19MER059 | NANDHAKUMAR K      | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 6  |
| E19MER060 | NAVEEN KUMAR G     | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 9  |
| E19MER061 | NAVEEN KUMAR.R     | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 9  |
| E19MER062 | NAVIN M            | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 9  |
| E19MER063 | NIMAL J R K        | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 9  |
| E19MER064 | NISHANTH.E         | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 9  |
| E19MER065 | NITHISHKUMAR S     | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 9  |
| E19MER067 | PRANEESH ARUNRAJ R | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 9  |
| E19MER068 | PRATHAP . A.P.S.   | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 9  |
| E19MER069 | PRAVEEN.G          | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 9  |
| E19MER071 | PRIYAN I           | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 8  |
| E19MER072 | RAGAVAN R          | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 9  |


|                           |                             |     |     |     |     |     |    |     |     |    |     |            |    |
|---------------------------|-----------------------------|-----|-----|-----|-----|-----|----|-----|-----|----|-----|------------|----|
| E19MER118                 | VISHWASH P                  | 0   | 1   | 1   | 1   | 1   | 1  | 1   | 1   | 1  | 1   | 1          | 9  |
| E19MER119                 | YASAR ARAFATH.I             | 0   | 1   | 1   | 1   | 1   | 1  | 1   | 1   | 1  | 1   | 1          | 9  |
| E19MER120                 | YOGESH M                    | 0   | 1   | 1   | 1   | 1   | 0  | 1   | 1   | 1  | 1   | 1          | 8  |
| E19MER121                 | YOGESH R                    | 0   | 1   | 1   | 1   | 1   | 0  | 1   | 1   | 0  | 1   | 1          | 7  |
| E19MEL301                 | ABINASH S                   | 1   | 1   | 1   | 1   | 1   | 0  | 1   | 1   | 0  | 1   | 1          | 8  |
| E19MEL302                 | ARUN N                      | 1   | 1   | 1   | 1   | 1   | 0  | 1   | 1   | 0  | 1   | 1          | 8  |
| E19MEL303                 | N.FARIS MOHAMED             | 1   | 1   | 0   | 1   | 1   | 1  | 1   | 1   | 0  | 0   | 1          | 7  |
| E19MEL304                 | GOPI V                      | 1   | 1   | 1   | 1   | 1   | 1  | 1   | 1   | 0  | 0   | 1          | 8  |
| E19MEL305                 | LOKESH D                    | 0   | 1   | 0   | 1   | 1   | 1  | 1   | 1   | 0  | 0   | 1          | 6  |
| E19MEL306                 | MOHAMED RASHEED M           | 0   | 1   | 0   | 0   | 1   | 1  | 1   | 1   | 0  | 1   | 1          | 6  |
| E19MEL307                 | MOHAMED THAHIR<br>HUSSAIN M | 0   | 1   | 0   | 0   | 1   | 1  | 1   | 1   | 0  | 1   | 1          | 6  |
| E19MEL308                 | PRASANNA K                  | 0   | 1   | 0   | 0   | 1   | 0  | 1   | 0   | 1  | 1   | 1          | 5  |
| E19MEL309                 | VASANTHA KUMAR S            | 1   | 1   | 1   | 1   | 1   | 0  | 1   | 0   | 0  | 1   | 1          | 7  |
| E19MEL310                 | VISHAL T                    | 1   | 1   | 1   | 1   | 1   | 0  | 1   | 0   | 0  | 1   | 1          | 7  |
| E19MEL311                 | VISHNU KUMAR R              | 1   | 1   | 1   | 1   | 1   | 0  | 1   | 0   | 0  | 1   | 1          | 7  |
| E19MEL312                 | YOGESHWAR R.S               | 1   | 1   | 1   | 1   | 1   | 1  | 1   | 1   | 1  | 1   | 1          | 10 |
| E19MEL313                 | YOGESH MUTHUVEL V           | 1   | 1   | 1   | 1   | 1   | 1  | 1   | 1   | 1  | 1   | 1          | 10 |
|                           |                             | 103 | 107 | 107 | 107 | 117 | 99 | 118 | 110 | 94 | 108 | 1070       |    |
| <b>OVERALL PERCENTAGE</b> |                             |     |     |     |     |     |    |     |     |    |     | <b>82%</b> |    |

ment Level 1: 60% – 69%  
 ment Level 2: 70% – 79%  
 ment Level 3: >=80%

ed attainment level is 3 (82%)

  
 Mr.S.Muruges

(Program Coordinator)

  
 Dr.G.Gurumoorthi  
 (HOD / MECH)

HEAD OF THE DEPARTMENT  
 Department of Mechanical Engineering  
 E.G.S. Pillay Engineering College  
 Nagapattinam

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

(An Autonomous Institution, Affiliated to Anna University, Chennai)  
Nagore Post, Nagapattinam – 611 002, Tamilnadu.


## **DEPARTMENT OF MECHANICAL ENGINEERING**

**ONE DAY WEBINAR  
ON**


**FUNDAMENTALS OF COMPUTER AIDED DESIGN  
26.12.2021**

### **End Report:**

Expected attainment level (3) of this webinar activity is achieved.  
Support of this activity to the relevant CO2 is in the expected level.  
From the student's feedback, this programme can be conducted for upcoming batch students.

  
Mr.S.Murugesh

(Program Coordinator)

  
Dr.G.Gurumoorthi  
(HOD / MECH)

HEAD OF THE DEPARTMENT  
Department of Mechanical Engineering  
E.G.S. Pillay Engineering College  
Nagapattinam



# E.G.S. PILLAY ENGINEERING COLLEGE

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

Nagore Post, Nagapattinam – 611 002, Tamilnadu.

## DEPARTMENT OF MECHANICAL ENGINEERING

ONE DAY WEBINAR

ON

FUNDAMENTALS OF COMPUTER AIDED DESIGN

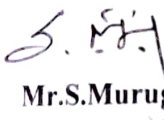
26.12.2021


### TEST QUESTIONS

Each Question carry one mark

| Questions  | Allotted Marks | Obtained Marks |
|--|----------------|----------------|
| The computer-aided design (CAD) hardware doesn't include.<br>a) Graphic display terminals<br>b) Computer<br>c) <b>Computer programmes</b><br>d) Keyboard   | 1              |                |
| The colour on CRT screen is obtained by the combination of:<br>a) Red, yellow, blue<br>b) <b>Red, green, blue</b><br>c) Green, black, yellow<br>d) Red, black, yellow  | 1              |                |
| AutoCAD was first released in the year:<br>a) 1858<br>b) 1966<br>c) 1898<br>d) <b>1982</b>   | 1              |                |
| Which of the following approaches used in solid modelling.<br>(a) CSG<br>(b) B-REP<br>(c) <b>Both a &amp; b</b><br>(d) None of the above   | 1              |                |
| Which of the following three dimensional modeling techniques, which do not require much computer time and memory?<br>a) <b>Wireframe modeling</b><br>b) surface modeling<br>c) solid modelling<br>d) none of the above | 1              |                |
| Which of the following are ways of representing 3D objects?<br>(a) Wire models<br>(b) Surface models<br>(c) Solid models<br>(d) <b>All of the above</b>  | 1              |                |

|   |   |  |
|---|---|--|
| B-rep and C-Rep are the methods of<br>(a) <b>Solid modeling</b><br>(b) Surface modeling<br>(c) Wire frame modeling<br>(d) 2D modeling   | 1 |  |
| A system that automates the drafting process with interactive computer graphics is called<br>(a) Computer Aided Engineering (CAE)<br>(b) <b>Computer Aided Design (CAD)</b><br>(c) Computer Aided Manufacturing (CAM)<br>(d) Computer Aided Instruction (CAI) | 1 |  |
| Which is not considered a Boolean operations?<br>(a) UNION<br>(b) SUBTRACT<br>(c) INTERSECT<br>(d) <b>SEPARATE</b>  | 1 |  |
| In the following geometric primitives. which is not a solid entity of CSG modelling:<br>(a) Box<br>(b) Cone<br>(c) Cylinder<br>(d) <b>Circle</b>  | 1 |  |

  
Mr.S.Muruges  
(Program Coordinator)

  
Dr.G.Gurumoorthi  
(HOD / MECH)

HEAD OF THE DEPARTMENT  
Department of Mechanical Engineering  
E.G.S. Pillay Engineering College  
Nagapattinam.

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

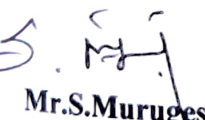
(An Autonomous Institution, Affiliated to Anna University, Chennai)  
Nagore Post, Nagapattinam – 611 002, Tamilnadu.


## **DEPARTMENT OF MECHANICAL ENGINEERING**

### **ONEDAY WEBINAR ON FUNDAMENTALS OF COMPUTER AIDED DESIGN 26.12.2021**

#### **Recommendation for further actions based on feedback and attainment calculation**

1. As we got very good feedback in topic coverage and relevance of this webinar, further more we can arrange more relevant and current trend topics seminar
2. Since Objective of the seminar is clearly defined and quality of delivered content is very good, we will arrange more seminars with same resource person
3. Seminar material is useful but need more clear and in depth concepts we will make more easy materials for understanding and future reference
4. Due to reach of expected level in program, we will keep arranging similar programs
5. From the students feedback of welcoming, this programme can be conducted for upcoming batch students.

  
**Mr.S.Muruges**  
Program Coordinator)

  
**Dr.G.Gurumoorthi**  
(HOD / MECH)

HEAD OF THE DEPARTMENT  
Department of Mechanical Engineering  
E.G.S. Pillay Engineering College  
Nagapattinam

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

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

Nagore Post, Nagapattinam – 611 002, Tamilnadu.

## **Department of Mechanical Engineering**

ONE DAY WEBINAR ON

### **INTRODUCTION AND FUNDAMENTALS OF CNC PART PROGRAMMING**

**25.12.2021**

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**Department of Mechanical Engineering**

# **WEBINAR ON INTRODUCTION AND FUNDAMENTALS OF CNC PART PROGRAMMING**

## **REPORT**

One day webinar Programme in “Introduction and Fundamentals of CNC Part Programming”, has been conducted in our E.G.S Pillay Engineering College, Nagapattinam, organized by Department of Mechanical Engineering sponsored by ISTE Student Chapter, E.G.S. Pillay Engineering College, Nagapattinam. The Programme was inaugurated in the fine morning on 25<sup>th</sup> December 2021.

The one of the co-ordinator **Mr.A.Arunkumar**, started this course with his welcome address. Head of the department **Dr.G.Gurumoorthi** gave the keynote address. Our esteemed Principal **Dr.S.Ramabalan** presented the inaugural address and finally our chief Guest **Mr.R.Balamurugan**, Senior Manager, Renault Nissan Technology & Business Centre India Pvt. Ltd., Kanchipuram has explicated about Fundamentals of CNC part programming and CAE in Mechanical Industries job Market expectations.

Finally, Programme came to a close, with the summary of the whole programme was given by **Mr.K.Balasubramanian**, AP/Mech, Coordinator proposed vote of thanks.

**Coordinator**  
**(Mr.A.Arunkumar)**

**HoD**  
**(Dr.G.Gurumoorthi)**  
**HEAD OF THE DEPARTMENT**  
Department of Mechanical Engineering  
E G S. Pillay Engineering College  
Nagapattinam.



10.12.2021

From

**A.Arunkumar,**  
Assistant Professor,  
Department of Mechanical Engineering,  
E.G.S. Pillay Engineering College,  
Nagapattinam.

To

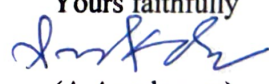
The Principal,  
E.G.S. Pillay Engineering College,  
Nagapattinam.

Respected Sir,

Sub: Requisition to conduct one day Webinar – Reg.

We planned to conduct one day technical webinar on “**Introduction and Fundamentals of CNC Part Programming**” for final mechanical students dated on 25.12.2021. So, we request you to give the permission for this.

Thanking you,

Yours faithfully  
  
(A.Arunkumar)

Date: 10.12.2021

Place: EGSPEC, Nagapattinam

10.12.2021

From

A.Arunkumar,  
Assistant Professor,  
Department of Mechanical Engineering,  
E.G.S. Pillay Engineering College,  
Nagapattinam.

To

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

Respected Sir,

Sub: Requisition for Budget to conduct one day webinar – Reg.

We planned to conduct one day technical webinar on “**Introduction and Fundamentals of CNC Part Programming**” for final mechanical students dated on 25.12.2021. Approximation budget for this seminar is Rs.1000 for remuneration of the resource person. We request you to kindly do the needful

Thanking you,

Yours faithfully



(A.Arunkumar)

Date: 10.12.2021

Place: EGSPEC, Nagapattinam



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**Department of Mechanical Engineering**

Mech/2021/ODD/CIRCULAR-01

**DEPARTMENT CIRCULAR DATED 12.12.2021**

To enhance the practical Skills and fundamentals of CNC machining techniques of our Mechanical students, we are going to conduct the "Introduction and Fundamentals of CNC Part Programming" program on 25.12.2021.

**OBJECTIVE**

An effort to create awareness on Mechanical Job Market and Opportunities. To enhance the practical Skills to face Interview and Some needed abilities.

| DAY       | Participants     | EVENT   | RESOURCE PERSON  |
|-----------|------------------|---|--|
| 5.12.2021 | IV Mech Students | <ul style="list-style-type: none"><li>• Fundamentals of coding and programming for CNC Lathe and Milling machines</li><li>• Practical videos of CAE analysis.</li><li>• Interview Skills and Knowledge</li><li>• Some Important Mechanical basics</li></ul> | <b>Mr.R.Balamurugan,</b><br><b>Senior Manager,</b><br><b>Renault Nissan</b><br><b>Technology &amp; Business</b><br><b>Centre India Pvt. Ltd.,</b><br><b>Kanchipuram.</b> |

**Program Coordinator**

**A.Arunkumar**

**HOD / MECH**

**Dr.G.Gurumoorthi**

HEAD OF THE DEPARTMENT  
Department of Mechanical Engineering  
E.G.S. Pillay Engineering College  
Nagapattinam.

# Handling Guest Lecture



External

Inbox



ARUNKUMAR.A... 16/12/2021

to balamurugan.r ^



From ARUNKUMAR.A Mechanical •  
arunkumar@egspec.org

To balamurugan.r@rntbci.com

Date 16 Dec 2021, 8:13 pm

See security details

Dear sir,

Myself A.Arunkumar, working as an Assistant Professor in the department of Mechanical Engineering at EGS Pillay Engineering College, Nagapattinam. I would like to inform you that we are conducting a Guest Lecture for our final year mechanical engineering students in the title of **CNC Part programming on 25.12.2021** by online mode. I kindly request you to act as a resource person for the above said subject. This is for your kind information and we expect your favorable response.



to me ^

From RAJAKRISHNAN Balamurugan •  
Balamurugan.r@rntbci.com

To ARUNKUMAR.A Mechanical •  
arunkumar@egspec.org

Date 20 Dec 2021, 3:16 pm

🔒 Standard encryption (TLS).  
See security details

Dear Arun,

I accept this proposal, and very glad to meet  
your students.

I will make it morning 9AM to 10AM (25<sup>th</sup> Dec  
2021)

Regards,

Balamurugan R,  
Senior Manager,

**DEPARTMENT OF MECHANICAL ENGINEERING**

cordially invites you all  
Webinar on

**Title: Introduction and Fundamentals of CNC Part Programming  
(Computer Aided Manufacturing)**

**Beneficiaries: Final year Mechanical Engineering Students  
Batch: 2018-22**

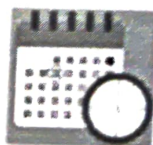
**Resource person**

**Alamurugan Rajakrishnan.,**  
Senior Manager,  
Renault Nissan Technology & Business  
Centre India Pvt Ltd,  
Nanjipuram Dt.  
Tamilnadu.



**Date: 25.12.2021**

**Time: 9:00 am - 10:00am**



**Google Meet Link : <https://meet.google.com/hxy-zsgr-dhv>**

**Convenor:**

**Dr.G.Gurumoorthi, M.E., Ph.D**

**Professor & Head**

**Department of Mechanical Engineering**

**Principal:**

**Ramabalan, M.E., Ph.D**

**Co-ordinator:**

**Mr.A.Arunkumar, M.E., (Ph.D)**

**Assistant Professor**

**Department of Mechanical Engineering**



**E.G.S.PILLAY ENGINEERING COLLEGE(AUTONOMOUS) NAGAPATTINAM**  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
**IV MECH A**

| S.NO | Register No | Student Name            |
|------|-------------|-------------------------|
| 1    | E18MER001   | AAFIQ A                 |
| 2    | E18MER006   | ALEX P                  |
| 3    | E18MER008   | ARAVINTH D              |
| 4    | E18MER009   | ARIHARAN K              |
| 5    | E18MER011   | BALAJI G                |
| 6    | E18MER014   | CHANDRABOSE C           |
| 7    | E18MER016   | DINESH BABU T           |
| 8    | E18MER018   | DINESH KUMAR S          |
| 9    | E18MER020   | GOKULAKRISHNAN R        |
| 10   | E18MER022   | GUGAN M                 |
| 11   | E18MER023   | HARIHARAN S             |
| 12   | E18MER029   | JAIGANESH R             |
| 13   | E18MER033   | KESAVAN V               |
| 14   | E18MER034   | KESAWAVARMAN R          |
| 15   | E18MER037   | MADHAN G                |
| 16   | E18MER039   | MATHAVAN S              |
| 17   | E18MER041   | MOHAMED MOHAIDEEN M     |
| 18   | E18MER043   | MURUGARAJIV M           |
| 19   | E18MER045   | MUTHARASAN G            |
| 20   | E18MER046   | NAVEEN G                |
| 21   | E18MER048   | NAVEENPRAKASH P         |
| 22   | E18MER049   | NEDUMARAN K             |
| 23   | E18MER050   | NITHIYA KARAN K         |
| 24   | E18MER053   | PRAKASH M               |
| 25   | E18MER056   | PRAVEENRAJ T            |
| 26   | E18MER057   | PRAVINKUMAR P           |
| 27   | E18MER060   | RAMKUMAR R              |
| 28   | E18MER062   | SANTHOSH A              |
| 29   | E18MER065   | SHANKAR M               |
| 30   | E18MER069   | SRIDHAR P               |
| 31   | E18MER071   | SRINIVASAN S            |
| 32   | E18MER072   | SURENDRIRAN N           |
| 33   | E18MER073   | SURESH CHAKKARAVARTHY K |
| 34   | E18MER075   | SURYA S                 |

| S.NO | Register No | Student Name     |
|------|-------------|------------------|
| 35   | E18MER077   | THILOTH A        |
| 36   | E18MER078   | VENGADESH E      |
| 37   | E18MER079   | VIGNESH G        |
| 38   | E18MER081   | VIJAY U          |
| 39   | E18MER082   | VIKRAM K         |
| 40   | E18MER085   | VINITHKUMAR K    |
| 41   | E18MER086   | VINO AKALAIVAN A |
| 42   | E18MEL301   | AJAY K           |
| 43   | E18MEL302   | AJEETH R         |
| 44   | E18MEL303   | AKASH K          |
| 45   | E18MEL304   | ARUN S           |
| 46   | E18MEL305   | ARUN RAJ S       |
| 47   | E18MEL306   | BALAJI S         |
| 48   | E18MEL307   | BARATH L         |
| 49   | E18MEL308   | BHARANIDHARAN V  |
| 50   | E18MEL309   | DEVARAJAN R      |
| 51   | E18MEL310   | DHINESH J        |
| 52   | E18MEL311   | DINESH R         |
| 53   | E18MEL312   | DIVAKAR P        |
| 54   | E18MEL313   | GOWTHAMAN G      |
| 55   | E18MEL314   | HABEEB MOHAMED A |
| 56   | E18MEL315   | HARISH S         |
| 57   | E18MEL316   | KEERTHIVASAN S   |
| 58   | E18MEL317   | LOGESHWAR M      |
| 59   | E18MEL318   | MADHAVAN R       |
| 60   | E18MEL319   | MANIKANDAN M     |
| 61   | E18MEL330   | RANJITH R        |
| 62   | E18MEL331   | RATHINA KUMAR G  |
| 63   | E18MEL333   | SATHIYAN R       |
| 64   | E18MEL344   | VISWANATHAN V    |
| 65   | E18MEL345   | YOHESWARAN J     |

**E.G.S.PILLAY ENGINEERING COLLEGE(AUTONOMOUS) NAGAPATTINAM**  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
**IV MECH B**

| S.NO | Register No | Student Name             |
|------|-------------|--------------------------|
| 1    | E18MER002   | ABINASH A                |
| 2    | E18MER003   | ABINASH R                |
| 3    | E18MER004   | ABISHEK R                |
| 4    | E18MER005   | ADINESH T                |
| 5    | E18MER007   | ARAVIND A                |
| 6    | E18MER010   | ARUNKUMAR A              |
| 7    | E18MER012   | BALAMURUGAN V            |
| 8    | E18MER013   | BEISEN N                 |
| 9    | E18MER015   | DINESH KUMAR K           |
| 10   | E18MER017   | DINESH G                 |
| 11   | E18MER019   | DINESHKUMAR S            |
| 12   | E18MER021   | GOKUL RAJ R              |
| 13   | E18MER024   | HARIHARAN S (06/07/2001) |
| 14   | E18MER026   | HARIPRASATH T            |
| 15   | E18MER027   | HARIPRASATH V            |
| 16   | E18MER028   | JAGADEESAN K             |
| 17   | E18MER030   | JEGHAN J                 |
| 18   | E18MER031   | JENITH KUMAR P           |
| 19   | E18MER032   | JOTHIRAMAN S             |
| 20   | E18MER035   | KISHOR D                 |
| 21   | E18MER038   | MANOJKUMAR K             |
| 22   | E18MER040   | MOHAMED IMRAN J          |
| 23   | E18MER042   | MOHAMED ALIYAR A         |
| 24   | E18MER044   | MUSHRAF AHAMED B         |
| 25   | E18MER047   | K. NAVEEN KUMAR          |
| 26   | E18MER051   | PARAMESH V               |
| 27   | E18MER052   | PARTHASARATHY B          |
| 28   | E18MER054   | PRATHEEPRAJ S            |
| 29   | E18MER055   | PRAVIN KUMAR J           |
| 30   | E18MER058   | PREMKUMAR C              |
| 31   | E18MER059   | RAJESH D                 |
| 32   | E18MER061   | RUBAN K                  |

| S.NO | Register No | Student Name              |
|------|-------------|---------------------------|
| 33   | E18MER063   | SARAVANAN S               |
| 34   | E18MER066   | SHANMUGAPRIYAN D          |
| 35   | E18MER068   | SOORIYA PRAGASH K         |
| 36   | E18MER070   | SRINIVASAN B              |
| 37   | E18MER074   | SURIYA S(23/03/2001)      |
| 38   | E18MER080   | VIGNESH S                 |
| 39   | E18MER083   | VIMALRAJ P                |
| 40   | E18MER084   | VINITH P                  |
| 41   | E18MER087   | VINOTH KUMAR P            |
| 42   | E18MER088   | VISHWA I                  |
| 43   | E18MEL320   | MATHES KANNA S            |
| 44   | E18MEL321   | MOHAMED ABDUL RAHMAN A    |
| 45   | E18MEL322   | MOHAMED SHAIK SAFIUDEEN M |
| 46   | E18MEL323   | MOHAMED SHARUGAN M        |
| 47   | E18MEL324   | MOHAMEDFIRTHOUS F         |
| 48   | E18MEL325   | MUGESH.A                  |
| 49   | E18MEL326   | NIRMAL E                  |
| 50   | E18MEL327   | PRABAKARAN.A              |
| 51   | E18MEL328   | PRAGADHESHWARAN .R        |
| 52   | E18MEL329   | PRASANNA R                |
| 53   | E18MEL332   | SAMBANDAM V               |
| 54   | E18MEL334   | SELLA KUMARAN D S         |
| 55   | E18MEL335   | SIDDHARTHAN .S            |
| 56   | E18MEL336   | SRIKARAN .R               |
| 57   | E18MEL337   | SRINIVASAN.V              |
| 58   | E18MEL338   | SRIRAM R                  |
| 59   | E18MEL339   | SUNIL A                   |
| 60   | E18MEL340   | SYED RASHID S             |
| 61   | E18MEL341   | THIYAGESH K               |
| 62   | E18MEL342   | UDHAYAKUAMR .P            |
| 63   | E18MEL343   | VIGNESH .M                |





WEBINAR EVALUATION FORM

Title of the seminar : Introduction and Fundamentals of CNC Part Programming  
 Date : 25.12.2021 Dept. Name: Mechanical  
 Coordinators Name : A.Arunkumar  
 Seminar type : One day webinar

1. Seminar Content

Please rate the sessions you attended by specifying the number using the scale: Excellent = 5, Very Good = 4, Good = 3, Average = 2, Poor = 1

| Session No. | Speaker Name     | Identified Topics  | Duration of the session | Topic Coverage and Relevance | preparedness |
|-------------|------------------|--|-------------------------|------------------------------|--------------|
| 1           | Mr.R.Balamurugan | Job opportunities and Fundamentals of CNC in Mechanical Core sectors for Mech students | FN                      | CAD / CAM / CAE              | Very good    |

Please mention your favourite speaker at the seminar.....Mr.R.Balamurugan.....

2. Overall Organisation of the Seminar

Please rate the following aspects of the seminar organisation and administration  
 Excellent = 5, Very Good = 4, Good = 3, Average = 2, Poor = 1

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| Overall Content Identified/ Topics/ Duration of the session | 5 | 4 | 3 | 2 | 1 |
| Topic Coverage and Relevance                                | 5 | 4 | 3 | 2 | 1 |
| The objective of the seminar was well-defined               | 5 | 4 | 3 | 2 | 1 |
| The quality of content was excellent                        | 5 | 4 | 3 | 2 | 1 |
| The content was pertaining to my expectation                | 5 | 4 | 3 | 2 | 1 |
| Seminar materials & proceedings                             | 5 | 4 | 3 | 2 | 1 |
| Accommodation/ Catering                                     | 5 | 4 | 3 | 2 | 1 |

3. Overall Experience about the seminar

Excellent = 5, Very Good = 4, Good = 3, Average = 2, Poor = 1

To be on the mailing list for the future seminars. Please give us your contact details.

Name: M.Prakash

Signature: M.Prakash

Please hand over this completed form to the seminar coordinator on your departure.

WEBINAR EVALUATION FORM

of the seminar : Introduction and Fundamentals of CNC Part Programming  
: 25.12.2021

Dept. Name: Mechanical

minators Name : A.Arunkumar

ar type : One day webinar

inar Content

ase rate the sessions you attended by specifying the number using the scale: Excellent = 5,  
Good = 4, Good = 3, Average = 2, Poor = 1

| Speaker Name     | Identified Topics  | Duration of the session | Topic Coverage and Relevance | preparedness |
|------------------|--|-------------------------|------------------------------|--------------|
| Mr.R.Balamurugan | Job opportunities and Fundamentals of CNC in Mechanical Core sectors for Mech students | FN                      | CAD / CAM / CAE              | Very good    |

ention your favourite speaker at the seminar. Balamurugan

**Overall Organisation of the Seminar**

ase rate the following aspects of the seminar organisation and administration  
Excellent = 5, Very Good = 4, Good = 3, Average = 2, Poor = 1

ll Content Identified/ Topics/ Duration of the session 5 (4) 3 2 1  
Coverage and Relevance 5 (4) 3 2 1  
bjective of the seminar was well-defined 5 4 3 2 1  
uality of content was excellent 5 (4) 3 2 1  
ontent was pertaining to my expectation 5 (4) 3 2 1  
ar materials & proceedings 5 (4) 3 2 1  
mmodation/ Catering 5 4 3 2 1

**Overall Experience about the seminar**

5 (4) 3 2 1

cellent = 5, Very Good = 4, Good = 3, Average = 2, Poor = 1

on the mailing list for the future seminars. Please give us your contact details.

Signature: P. Praveenraj

Signature: P. Praveenraj

Hand over this completed form to the seminar coordinator on your departure.



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## **DEPARTMENT OF MECHANICAL ENGINEERING**

**ONE DAY WEBINAR**

**ON**

### **INTRODUCTION AND FUNDAMENTALS OF CNC PART PROGRAMMING**

**25.12.2021**

#### **FEEDBACK ANALYSIS**

Information from participants feedbacks are collectively listed below

1. The topic coverage and relevance of this seminar is very good. (Overall Rating 4)
2. The objective of the seminar is clearly defined. (Overall Rating 4)
3. The quality of delivered content is very good. (Overall Rating 4)
4. Seminar material is useful. (Overall Rating 3)



**Mr.A.Arunkumar**

**(Program Coordinator)**



**Dr.G.Gurnamoorthi**

**(HOD / MECH)**

**HEAD OF THE DEPARTMENT**  
Department of Mechanical Engineering  
E. G. S. Pillay Engineering College  
Nagapattinam

# E.G.S. PILLAY ENGINEERING COLLEGE

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Nagore Post, Nagapattinam – 611 002, Tamilnadu.

## DEPARTMENT OF MECHANICAL ENGINEERING

### ONE DAY WEBINAR ON INTRODUCTION AND FUNDAMENTALS OF CNC PART PROGRAMMING 25.12.2021

#### TEST QUESTIONS

Each Question carry one mark

of the Student: A. AAFIQ

o: EISMERODI

| Questions  | Allotted Marks | Obtained Marks |
|--|----------------|----------------|
| <b>In a DNC system</b><br>A. many machine tools can be controlled simultaneously<br>B. only a single machine tool can be controlled<br>C. NC machine cannot be controlled<br>D. none of the mentioned                              | 1              | 1              |
| <b>Several machine tools can be controlled by a central computer in</b><br>A. NC<br>B. CNC<br>C. DNC<br>D. CCNC  | 1              | 1              |
| <b>DNC stands for</b><br>A. Direct Numerical Complain<br>B. Direct Numerical Control<br>C. Direct Note Control<br>D. Direct Note Complain  | 1              | 1              |
| <b>Numerical control _____</b><br>A. applies only to milling machines<br>B. is a method for producing exact number of parts per hour<br>C. is a method for controlling by means of set of instructions<br>D. none of the mentioned | 1              | 1              |
| <b>NC contouring is an example of</b><br>A. continuous path positioning<br>B. point-to-point positioning<br>C. absolute positioning<br>D. incremental positioning  | 1              | 1              |

|  |   |   |
|--|---|---|
| <p>Full form of MCU is</p> <p>A. Machine computer unit<br/> B. Machine control unit<br/> C. Machine control universal<br/> D. Machine computer universal</p>   | 1 | 1 |
| <p>Computer will perform the data processing functions in</p> <p>A. VMC<br/> B. CNC<br/> C. DNC<br/> D. all of the mentioned</p>   | 1 | 1 |
| <p>In the CNC machine tool, the part program entered into the computer memory</p> <p>A. can be used only once<br/> B. can be used again and again<br/> C. can be used again but it has to be modified every time<br/> D. none of the mentioned</p> | 1 | 1 |
| <p>Which of the following is not the advantage of CNC machines?</p> <p>A. Improved strength of the components.<br/> B. Reduced scrap rate<br/> C. Higher flexibility<br/> D. Improved quality</p>  | 1 | 1 |
| <p>Part-programming mistakes can be avoided in</p> <p>A. NC<br/> B. CNC<br/> C. both NC and CNC<br/> D. none of the mentioned</p>  | 1 | 1 |

10



Mr.A.Arunkumar

(Program Coordinator)



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Nagore Post, Nagapattinam - 611 002, Tamilnadu.

### **DEPARTMENT OF MECHANICAL ENGINEERING**

**ONE DAY WEBINAR  
ON**

### **INTRODUCTION AND FUNDAMENTALS OF CNC PART PROGRAMMING 25.12.2021**

Recommendation for further actions based on feedback and attainment calculation

1. As we got very good feedback in topic coverage and relevance of this webinar, further more we can arrange more relevant and current trend topics seminar
2. Since Objective of the seminar is clearly defined and quality of delivered content is very good, we will arrange more seminars with same resource person
3. Seminar material is useful but need more clear and in depth concepts we will make more easy materials for understanding and future reference
4. Due to reach of expected level in program, we will keep arranging similar programs
5. From the students feedback of welcoming, this programme can be conducted for upcoming batch students.



**Mr. A. Arunkumar**  
(Program Coordinator)



**Dr. G. Gurumoorthi**  
(HOD / MECH)

HEAD OF THE DEPARTMENT  
Department of Mechanical Engineering  
E. G. S. Pillay Engineering College  
Nagapattinam.