

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

Accredited by NBA (B.E-CSE, ECE, EEE, Mech, Civil/B.Tech-IT)

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

principal@egspegc.org | enquires@egspegc.org



Accredited by NAAC with Grade 'A'

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Old Nagore Road, Thethi, Nagapattinam - 611002, Tamil Nadu | Dist. Engineering Regulation No. 200

DEPARTMENT OF MCA

VALUE ADDED COURSE ON

"1704CA109-ADVANCED MS-EXCEL"



Date :15.07.2019 to 20.07.2019

Coordinator

1. Mrs. A.HemaAP/MCA
2. Ms. Ilakkiya AP/MCA

Convener

Dr .J.Vanitha
Professor /HOD/MCA

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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ATTESTED



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

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

From

Mrs.A.Hema
AP/MCA
Department of MCA,
E.G.S Pillay Engineering College,
Nagapattinam.

To

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

Through

The HOD,
Department of MCA,
E.G.S Pillay Engineering College,
Nagapattinam.

Respected Sir

Sub: Valued Added Course –Reg

We are happy to inform you that we planned to organize one week value added course title on "1704CA109ADVANCED MS-EXCEL" for I year Students from 15/07/2019 to 20/07/2019. Herewith we enclose name list, Session details. Kindly give permission for conducting value added course.


Thanking you

Yours truly

[Mrs .A.HEMA]


14/7/2019

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Counseling Code: 3806

Old Nagore Road, Thethi, Nagapattinam - 611002, Tamil Nadu | **2019 Engineering Marking Top 20**

DEPARTMENT OF MCA

ORGANIZE A VALUE ADDED COURSE ON 1704CA109-ADVANCED

MS-EXCEL



DATE: 15.07.2019 to 20.07.2019

VENUE : SOFT VIEW LAB

Convener

Dr. J. Vanitha professor /HOD/MCA

Coordinator

Mrs. A.Hema Assoc Prof/MCA

Mr. Ms. Ilakkiya AP/MCA

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

PRINCIPAL

E.G.S. Pillay Engineering College,

Thethi, Nagapattinam

Nagapattinam, Tamil Nadu

**E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)
DEPARTMENT OF MCA
VALUE ADDED COURSE ON "1704CA109- ADVANCED MS-EXCEL"
PROGRAM SCHEDULE**

Date : 15.7.2019 to 20.07.2019

Date/Session	I Session 9.00 A.M. to 11.00 A.M	II Session 11.15 A.M. to 01.00 P.M	III Session 02.00 P.M. to 03.00 P.M.	IV Session 3.00 P.M. to 5.00 P.M.
15.7.2019	Introduction - Using Excel lists	Creating a List - Sorting	To perform a Simple Sort	Lab Session
16.7.2019	To Sort by Multiple Columns	Data Forms	Adding Data Using the Data Form	Lab Session
17.7.2019	Finding Records Using Criteria	Auto Filter	Advanced Filters - Special Features for Filtered Lists	Hand on session
18.7.2019	Totals and Subtotals Total	Row - Subtotals	Managing Windows	Hand on session
19.7.2019	Multiple Windows	Splitting Windows	Freezing Panes, Linking Data	Hand on session
20.7.2019	Analysis tool pack	Analysis by goal seek	Analysis by pivot tables	Hand on session

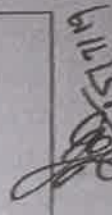
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**E.G.S. Pillay Engineering College,
Theftir, Nagore - 611 002.**

Nagapattinam (Dt) Tamil Nadu.


HOD/MCA

REPORT

Department of Computer Applications organized a 40hrs value added course on "Advanced MS-EXCEL" for I MCA 1st semester students from 15.07.2019 to 20.07.2020. Timing 9.00Am to 5.00Am in MCA (Soft view Lab). A total of 08 students attended the course. The topics were delivered and demonstrated by course instructors Mrs.A.Hema and Mr.S.Selvaganapathy from E.G.S. Pillay Engineering College, Nagapattinam.



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DEPARTMENT OF MCA
VALUE ADDED COURSE ON "ADVANCED MS-EXCEL"

SYLLABUS


1704CA109- ADVANCED MS-EXCEL

OUTCOMES

- i. Use advanced functions and productivity tools to assist in developing worksheets
- ii. Manipulate data lists using Outline, Autofilter and PivotTables
- iii. Use Consolidation to summaries and report results from multiple worksheets
- iv. Record repetitive tasks by creating Macros
- v. Use Hyperlinks to move around worksheets.

DAYS	SYLLABUS	Hours (40)
Day I	Introduction - Using Excel lists - Creating a List - Sorting - To perform a Simple Sort - To Sort by Multiple Columns	8 Hrs
Day II	Data Forms - Adding Data Using the Data Form - Finding Records Using Criteria	8 Hrs
Day III	Filtering Data - AutoFilter - Advanced Filters - Special Features for Filtered Lists - Totals and Subtotals Total - Row - Subtotals	8 Hrs
Day IV	Managing Windows - Multiple Windows - Splitting Windows - Freezing Panes - Linking Data	8 Hrs
Day V	Analysis tool pack - Analysis by goal seek - Analysis by pivot tables	8 Hrs

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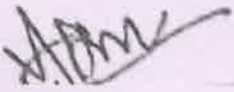
E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF MCA

CIRCULAR

Date: 13.07.2019

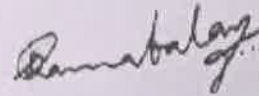
It is proposed to conduct a value added course on "Advanced Ms-Excel" from 15.07.2019 to 20.07.2019 for First year students. There is no registration fee. Certificates will be provided for those who attend the course.



Coordinator



HOD/MCA



Principal

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

DEPARTMENT OF MCA

VALUE ADDED COURSE ON "1704CA109-ADVANCED MS-EXCEL"

ACADEMIC YEAR-2019-2020, I MCA STUDENTS II SEM BATCH (2019-2022)

S.NO	REGISTER NO	STUDENT NAME	15.07.2019	16.07.2019	17.07.2019	18.07.2019	19.07.2019	20.07.2019
1	E19CAR002	Gayathri K	Gayathri K	Gayathri K	Gayathri K	Gayathri K	Gayathri K	Gayathri K
2	E19CAR003	Kalaiselvi T	Kalaiselvi T	Kalaiselvi T	Kalaiselvi T	Kalaiselvi T	Kalaiselvi T	Kalaiselvi T
3	E19CAR004	Navaneethakrishnan R	Navaneethakrishnan R	Navaneethakrishnan R	Navaneethakrishnan R	Navaneethakrishnan R	Navaneethakrishnan R	Navaneethakrishnan R
4	E19CAR005	Raguvaran R	Raguvaran R	Raguvaran R	Raguvaran R	Raguvaran R	Raguvaran R	Raguvaran R
5	E19CAR006	Ranjithkumar R	Ranjithkumar R	Ranjithkumar R	Ranjithkumar R	Ranjithkumar R	Ranjithkumar R	Ranjithkumar R
6	E19CAR007	Sanakaradevi R	Sanakaradevi R	Sanakaradevi R	Sanakaradevi R	Sanakaradevi R	Sanakaradevi R	Sanakaradevi R
7	E19CAR008	Sasikumar D	Sasikumar D	Sasikumar D	Sasikumar D	Sasikumar D	Sasikumar D	Sasikumar D
8	E19CAR009	Sasireha S	Sasireha S	Sasireha S	Sasireha S	Sasireha S	Sasireha S	Sasireha S

CO-Ordinator Signature

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Microsoft®

Excel Cheat Sheet

Basic Skills

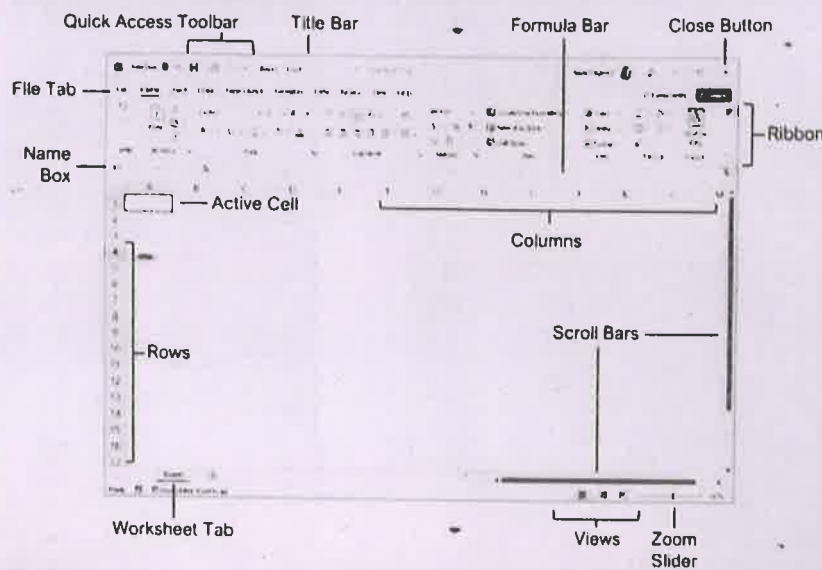
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The Excel Program Screen



Keyboard Shortcuts

General

Open a workbook	Ctrl + O
Create a new workbook	Ctrl + N
Save a workbook	Ctrl + S
Print a workbook	Ctrl + P
Close a workbook	Ctrl + W
Help	F1
Activate Tell Me field	Alt + Q
Spell check	F7
Calculate worksheets	F9
Create absolute reference	F4

Navigation

Move between cells	↑, ↓, ←, →
Right one cell	Tab
Left one cell	Shift + Tab
Down one cell	Enter
Up one cell	Shift + Enter
Down one screen	Page Down
To first cell of active row	Home
Enable End mode	End
To cell A1	Ctrl + Home
To last cell	Ctrl + End

Editing

Cut	Ctrl + X
Copy	Ctrl + C
Paste	Ctrl + V
Undo	Ctrl + Z
Redo	Ctrl + Y
Find	Ctrl + F
Replace	Ctrl + H
Edit active cell	F2
Clear cell contents	Delete

Formatting

Bold	Ctrl + B
Italics	Ctrl + I
Underline	Ctrl + U
Open Format Cells dialog box	Ctrl + Shift + F
Select All	Ctrl + A
Select entire row	Shift + Space
Select entire column	Ctrl + Space
Hide selected rows	Ctrl + 9
Hide selected columns	Ctrl + 0

Getting Started

- Home
- New
- Open
- Info
- Save
- Save As
- Save as Adobe PDF
- Print
- Share
- Export
- Publish
- Close
- Account
- Feedback
- Options

Create a Workbook. Click the **File** tab and select **New** or press **Ctrl + N**. Double-click a workbook.

Open a Workbook. Click the **File** tab and select **Open** or press **Ctrl + O**. Select a recent file or navigate to the location where the file is saved.

Preview and Print a Workbook. Click the **File** tab and select **Print**.

Undo. Click the **Undo** button on the Quick Access Toolbar.

Redo or Repeat. Click the **Redo** button on the Quick Access Toolbar. The button turns to Repeat once everything has been re-done.

Use Zoom. Click and drag the zoom slider to the left or right.

Select a Cell. Click a cell or use the keyboard arrow keys to select it.

Select a Cell Range. Click and drag to select a range of cells. Or, press and hold down the **Shift** key while using the arrow keys to move the selection to the last cell of the range.

Select an Entire Worksheet. Click the **Select All** button where the column and row headings meet.

Select Non-Adjacent Cells. Click the first cell or cell range, hold down the **Ctrl** key, and select any non-adjacent cell or cell range.

Cell Address. Cells are referenced by the coordinates made from their column letter and row number, such as cell A1, B2, etc.

Jump to a Cell. Click in the **Name Box**, type the cell address you want to go to, and press **Enter**.

Change Views. Click a **View** button in the status bar. Or, click the **View** tab and select a view.

Recover an Unsaved Workbook. Restart Excel. If a workbook can be recovered, it will appear in the Document Recovery pane. Or, click the **File** tab, click **Recover unsaved workbooks** to open the pane, and select a workbook from the pane.

Click the topic links for free lessons!

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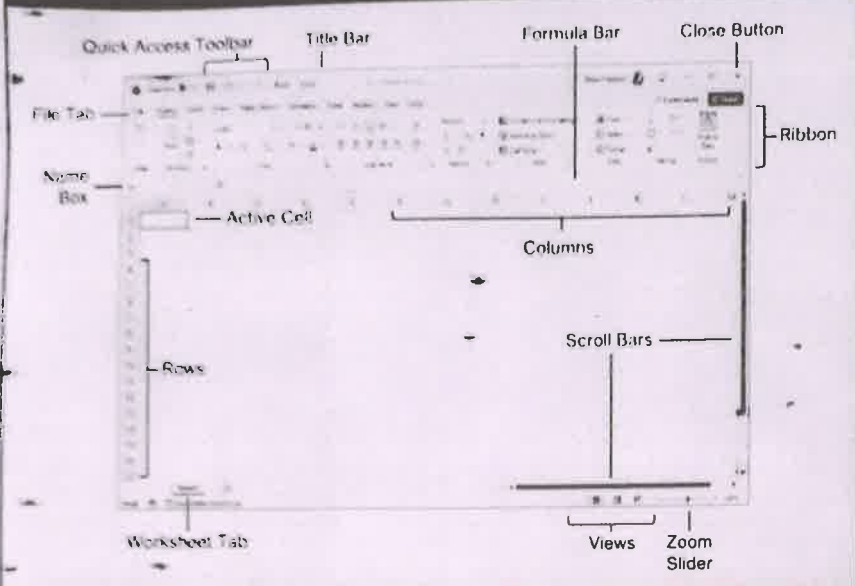


Microsoft*

Excel Cheat Sheet

Basic Skills

The Excel Program Screen



Keyboard Shortcuts

General

Open a workbook	Ctrl + O
Create a new workbook	Ctrl + N
Save a workbook	Ctrl + S
Print a workbook	Ctrl + P
Close a workbook	Ctrl + W
Help	F1
Activate Tell Me field	Alt + Q
Spell check	F7
Calculate worksheets	F9
Create absolute reference	F4

Navigation

Move between cells	↑, ↓, ←, →
Right one cell	Tab
Left one cell	Shift + Tab
Down one cell	Enter
Up one cell	Shift + Enter
Down one screen	Page Down
To first cell of active row	Home
Enable End mode	End
To cell A1	Ctrl + Home
To last cell	Ctrl + End

Editing

Cut	Ctrl + X
Copy	Ctrl + C
Paste	Ctrl + V
Undo	Ctrl + Z
Redo	Ctrl + Y
Find	Ctrl + F
Replace	Ctrl + H
Edit active cell	F2
Clear cell contents	Delete

Formatting

Bold	Ctrl + B
Italics	Ctrl + I
Underline	Ctrl + U
Open Format Cells dialog box	Ctrl + Shift + F
Select All	Ctrl + A
Select entire row	Shift + Space
Select entire column	Ctrl + Space
Hide selected rows	Ctrl + 9
Hide selected columns	Ctrl + 0

Getting Started

- Create a Workbook:** Click the **File** tab and select **New** or press **Ctrl + N**. Double-click a workbook.
- Open a Workbook:** Click the **File** tab and select **Open** or press **Ctrl + O**. Select a recent file or navigate to the location where the file is saved.
- Preview and Print a Workbook:** Click the **File** tab and select **Print**.
- Undo:** Click the **Undo** button on the Quick Access Toolbar.
- Redo or Repeat:** Click the **Redo** button on the Quick Access Toolbar. The button turns to Repeat once everything has been re-done.
- Use Zoom:** Click and drag the zoom slider to the left or right.
- Select a Cell:** Click a cell or use the keyboard arrow keys to select it.
- Select a Cell Range:** Click and drag to select a range of cells. Or, press and hold down the **Shift** key while using the arrow keys to move the selection to the last cell of the range.

- Select an Entire Worksheet:** Click the **Select All** button where the column and row headings meet.
- Select Non-Adjacent Cells:** Click the first cell or cell range, hold down the **Ctrl** key, and select any non-adjacent cell or cell range.
- Cell Address:** Cells are referenced by the coordinates made from their column letter and row number, such as cell A1, B2, etc.
- Jump to a Cell:** Click in the **Name Box**, type the cell address you want to go to, and press **Enter**.
- Change Views:** Click a **View** button in the status bar. Or, click the **View** tab and select a view.
- Recover an Unsaved Workbook:** Restart Excel. If a workbook can be recovered, it will appear in the Document Recovery pane. Or, click the **File** tab, click **Recover unsaved workbooks** to open the pane, and select a workbook from the pane.

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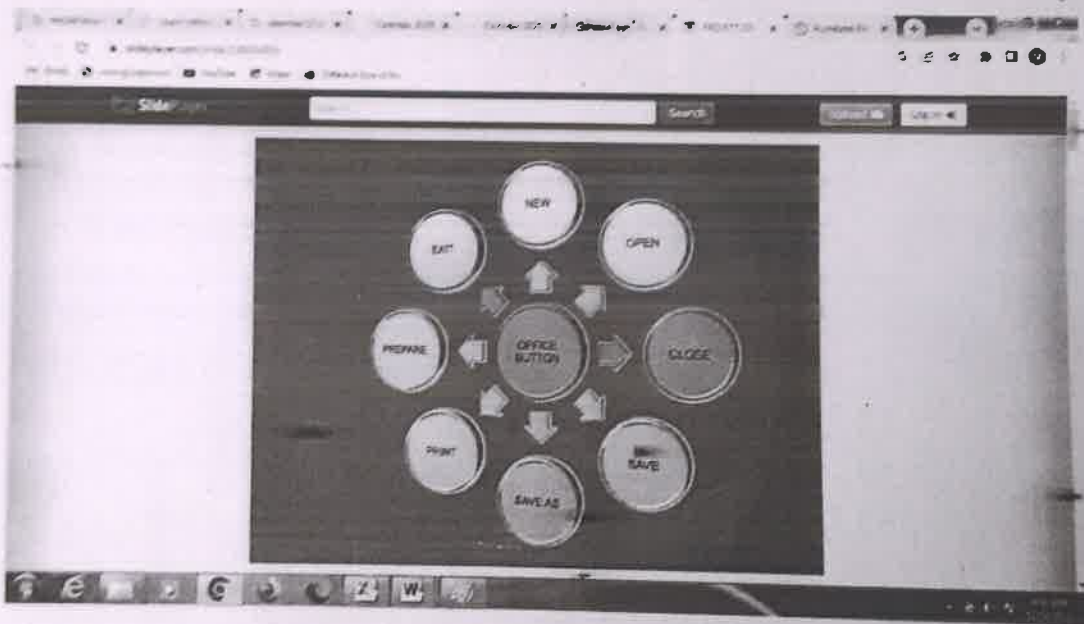
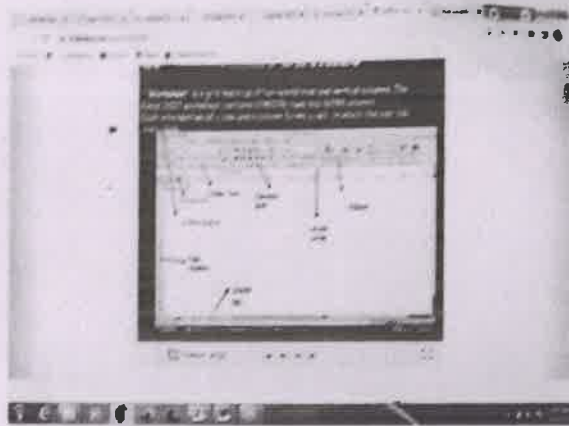
SAMPLE PPT

MS-EXCEL

Microsoft Excel (full name Microsoft Office Excel) is an application program and distributed by Microsoft for Windows and Mac OS. It features calculation, graphing tools, and a macro programming language called VBA.

Default Name of MS-EXCEL Workbook:
Extension of MS-EXCEL:

It is a table format which uses rows & columns to make any report & table. It is consists of workbook.



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**E.G.S. PILLAY ENGINEERING COLLEGE(AUTONOMOUS)
DEPARTMENT OF MCA
VALUE ADDED COURSE ON" ADVANCED MS-EXCEL";**

Test Question

1. Excel is a ___ program developed by Microsoft.
A. Spreadsheet
B. Document
C. Data management
D. All of the above
2. What is the extension of a Microsoft Excel file?
A. msxcl
B. xcl
C. xlsx
D. xlsm
3. What is the default file name of Microsoft Excel file?
A. Workbook.xlsx
B. Workbook1.xlsx
C. Worksheet.xlsx
D. Worksheet1.xlsx
4. Shortcut key CTRL + D is used to _____.
A. Open font dialog box
B. Open format cells dialog box
C. Shift current cell's value in the right cell
D. Fill down in the selection
5. Microsoft Excel is used for?
A. Analysis
B. Data Entry
C. Data Management
D. Accounting
E. Budgeting
F. All of the above
6. What is the collection of worksheets called?
A. Ledger
B. Book
C. Testbook
D. Workbook
7. The total number of rows in a worksheet?
A. Unlimited
B. 65,535
C. 1,048,576
D. 1,068,576
8. The total number of columns in a worksheet?
A. 26
B. 256
C. 12,834
D. 16,384
9. What is the column width in a worksheet?
A. 26 characters
B. 128 characters
C. 255 characters
D. 256 characters
10. The total number of characters that a cell contains is:
A. 32,767 characters
B. 32,768 characters
C. 65,535 characters
D. 1,32,767 characters
11. How many hyperlinks can be there in a worksheet?
Answer: A) 32,767 characters
12. How many times undo levels can be used in a work
A. 25
B. 50

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D. 100

13. How many users can open the Excel file at the same time?

- A. 64 users
- B. 128 users
- C. 256 users
- D. 512 users

Answer: C) 256 users

14. The intersection of a column and a row in a worksheet is called ____.

- A. Box
- B. Cell
- C. Range
- D. Page Break

15. The fill function can be ____ to complete formulas in a range.

- A. Single clicked
- B. Double-clicked
- C. Triple clicked
- D. Right clicked

16. Which logical function returns TRUE if all arguments evaluate TRUE; FALSE if not?

- A. OR
- B. AND
- C. IF
- D. ANDIF

17. Which logical function returns TRUE if one or more arguments evaluate to TRUE; FALSE if all arguments evaluate to FALSE?

- A. OR
- B. AND
- C. IF
- D. ANDIF

18. The Excel ____ function returns the Boolean value FALSE.

- A. TRUEFALSE(0)
- B. FALSE

C. Both of the above

D. There is no such function

19. What is the correct syntax of IF0 function?

- A. =IF (logical_test, {value_if_true}, {value_if_false})
- B. =IF (logical_test, TRUE({value_if_true}), FALSE({value_if_false}))
- C. =IF (logical_test, {value_if_true}, {value_if_false})
- D. =IF (logical_test, {value_if_true}, {value_if_false})

20. Which function is used to trap and handle errors?

- A. IFERROR
- B. ERROR
- C. IFNAO
- D. IFTRAPO

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**DEPARTMENT OF MCA
VALUE ADDED COURSE ON "ADVANCED MS-EXCEL"**

CO& AND PO& MAPPING


Course Outcomes

- i. Use advanced functions and productivity tools to assist in developing worksheets
- ii. Manipulate data lists using Outline, Autofilter and PivotTables
- iii. Use Consolidation to summarise and report results from multiple worksheets
- iv. Record repetitive tasks by creating Macros
- v. Use Hyperlinks to move around worksheets.

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11	PO12	PSO	PSO
													1	2
CO1	2	3	3	-	3	-	-	-	-	-	-	-	2	2
CO2	2	3	3	-	3	-	-	-	-	-	-	-	2	2
CO3	2	3	3	-	3	-	-	-	-	-	-	-	2	2
CO4	2	3	3	-	3	-	-	-	-	-	-	-	2	2
CO5	-	-	-	-	-	-	-	-	-	-	-	-	2	2
Average	1.6	2.4	2.4	-	2.4	-	-	-	-	-	-	-	2	2

1. Slight (Low) 2. Moderate (Medium) 3. Substantial (High) "-" No Correlation

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VALUE ADDED COURSE ON "ADVANCED MS-EXCEL"**

Test Question

*Eq cap 02
K. Jayathri
I. ma*

1. Excel is a ___ program developed by Microsoft.

- A. Spreadsheet
- B. Document
- C. Data management
- D. All of the above

2. What is the extension of a Microsoft Excel file?

- A. .xlsx
- B. .xl
- C. .xls
- D. .xcm

3. What is the default file name of Microsoft Excel file?

- A. Workbook1.xlsx
- B. Workbook1.xls
- C. Worksheet1.xls
- D. Worksheet1.xlsx

4. Shortcut key CTRL + D is used to ___.

- A. Open font dialog box
- B. Open format cells dialog box
- C. Shift current cell's value in the right cell
- D. Fill down in the selection

5. Microsoft Excel is used for?

- A. Analysis
- B. Data Entry
- C. Data Management
- D. Accounting
- E. Budgeting
- F. All of the above

6. What is the collection of worksheets called?

- A. Ledger
- B. Book
- C. Testbook

D. Workbook

7. The total number of rows in a worksheet?

- A. Unlimited
- B. 65,535
- C. 1,048,576
- D. 1,068,576

8. The total number of columns in a worksheet?

- A. 26
- B. 256
- C. 12,834
- D. 16,384

9. What is the column width in a worksheet?

- A. 26 characters
- B. 128 characters
- C. 255 characters
- D. 256 characters

10. The total number of characters that a cell contains is?

- A. 32,767 characters
- B. 32,768 characters
- C. 65,535 characters
- D. 1,32,767 characters

Answer: A) 32,767 characters

11. How many hyperlinks can be there in a worksheet?

- A. 32,767
- B. 32,768
- C. 65,530
- D. 65,535

12. How many times undo levels can be used in a worksheet?

- A. 25
- B. 50
- C. 75

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(Signature)
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E.G.S. PILLEY ENGINEERING COLLEGE (RACHINAGUDA)
DEPARTMENT OF MCA

VALUJE, ABHIRAM COLLEGE, ON" ADVANCE ED MS EXCEL" D. S. RAMABALAN

Test Question

1. Workbook

1. Excel is a _____ program developed by Microsoft.

- A. Spreadsheet
- B. Presentation
- C. Data management
- D. All of the above

2. What is the extension of a Microsoft Excel file?

- A. .xlsx
- B. .xl
- C. .xls
- D. .xlm

3. What is the default file name of Microsoft Excel file?

- A. Workbook.xlsx
- B. Worksheet.xlsx
- C. Worksheet.xls
- D. Worksheet1.xlsx

4. Shortcut key (CTRL + G) is used to

- A. Open font dialog box
- B. Open format cells dialog box
- C. Shift current cell's value in the right cell
- D. Fill down in the column

5. Microsoft Excel is used for ?

- A. Analysis
- B. Data Entry
- C. Data Management
- D. Accounting
- E. Budgeting
- F. All of the above

6. What is the collection of worksheets called?

- A. Ledger
- B. Book
- C. Textbook

7. The total number of rows in a worksheet?

- A. Unlimited
- B. 65,535
- C. 1,048,576
- D. 1,048,577

8. The total number of columns in a worksheet?

- A. 26
- B. 256
- C. 12,288
- D. 16,384

9. What is the column width in a worksheet?

- A. 26 characters
- B. 128 characters
- C. 255 characters
- D. 256 characters

10. The total number of characters that a cell contains is?

- A. 32,767 characters
- B. 32,768 characters
- C. 65,535 characters
- D. 32,767 characters

Answer: A) 32,767 characters

11. How many hyperlinks can be there in a worksheet?

- A. 32,767
- B. 32,768
- C. 65,530
- D. 65,535

12. How many times undo levels can be used in a worksheet?

- A. 25
- B. 50
- C. 75

ATTESTED

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

PRINCIPAL

E.G.S. Pillay Engineering College, J. How many hyperlinks can be there in a worksheet?

Therhi, Nagore - 611 002.

Nagapattinam (Dt) Tamil Nadu.

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

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3806

Old Nagore Road, Thethi, Nagapattinam - 611002, Tamil Nadu

FEEDBACK FORM

Date: 15.07.2019 to 20.07.2019

Name of the Participant: Sasitharan
Organization: M/A

	Excellent	Good	Average
1. How was the course	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. How about practical session.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. In way the faculty delivers their speech	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Over all how do you rate this function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

5. Most helpful information and activity (value added course).
Very useful

Sanku

ATTESTED

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principal@egspec.org | enquires@egspec.org

Counselling Code : **3806**



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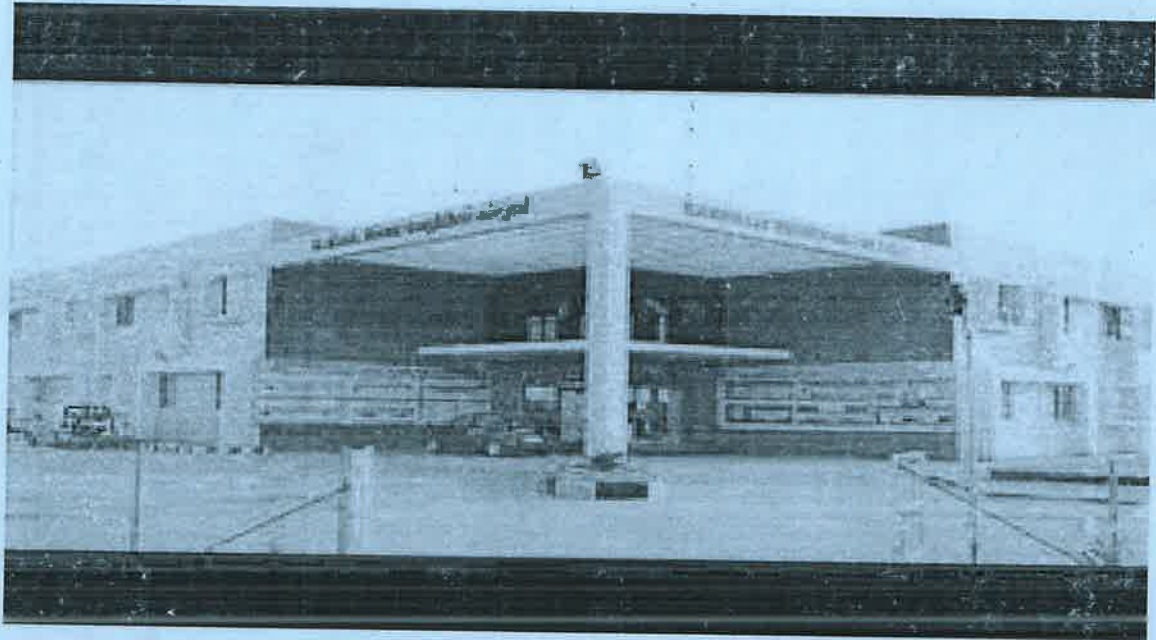
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Old Nagore Road, Thethi, Nagapattinam - 611002, Tamil Nadu | NIRF Engineering Ranking top **200** in India

DEPARTMENT OF MCA

VALUE ADDED COURSE ON "ANGULAR JS VS REACT JS"




DATE: 09.10.2019 TO 14 .10.2019

Coordinator

- 1. Mrs. A.HEMA/MCA**
- 2. Mr.S.Selvaganapathy/MCA**

Convener

Dr.J.VANITHA
Professor/MCA/HOD


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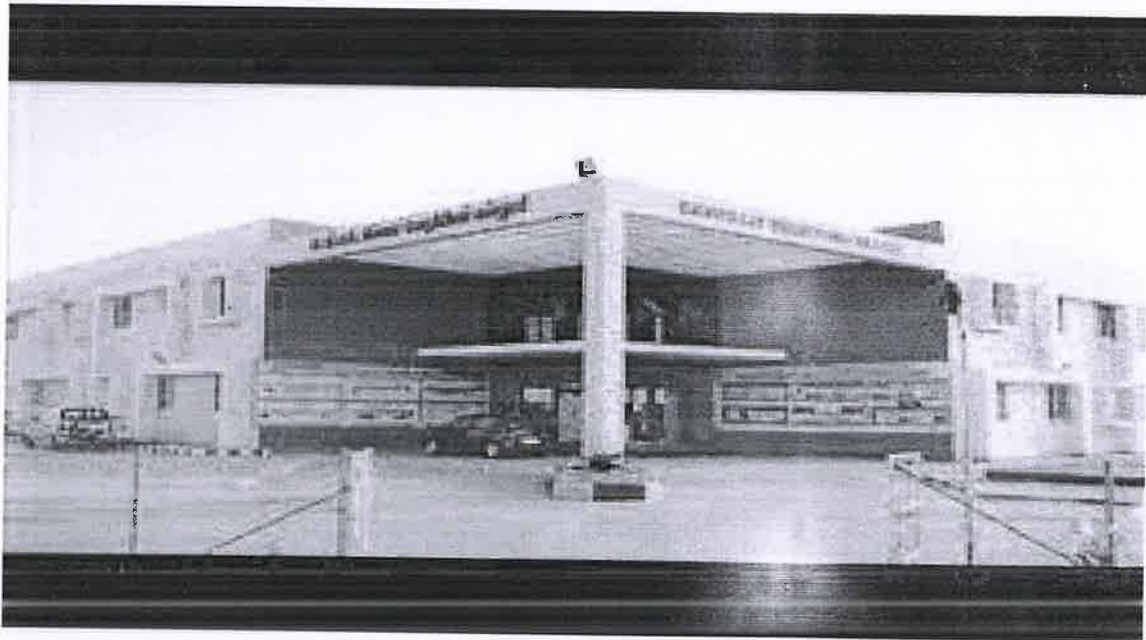
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Counselling Code : **3806**

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Professor/MCA/HOD


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DEPARTMENT OF MCA VALUE ADDED COURSE ON ANGULAR JS VS REACT JS

S.No	Content	Page No
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From

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

To

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

Through

The HOD,
Department of MCA,
E.G.S Pillay Engineering College,
Nagapattinam.

SP
7/10/19

Respected Sir

Sub: Valued Added Course –Reg

We are happy to inform you that we planned to organize one week value added course title on “ANGULAR JS VS REACT JS” for II Year Students from 09/10/2019 to 14/10/2019. Herewith we enclose name list, Session details. Kindly give permission for conducting value added course.

Thanking you

Yours truly
[Signature]
[Mrs. A.HEMA]

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

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



DEPARTMENT OF MCA

ORGANIZE A VALUE ADDED COURSE ON

Angular JS VS React JS

Date: 09.10.2019

to

14.10.2019

Convener

Mrs. J.Vanitha

Professor/MCA/HOD

Coordinator

1. Mrs. A.HEMA AP /MCA

2. Mr.S.Selvaganapathy AP/MCA

Assoc

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

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

ABOUT THE INSTITUTION

E G S Pillay Engineering College is one of the pioneering non - grant engineering Colleges in the State. It was established by the E G S Pillay & Sons Educational & Charitable Trust, Nagapattinam in the year 1995 with the sanction of the Government of Tamilnadu, approval of the All India Council for Technical Education, New Delhi and affiliation to Bharathidasan University, Tiruchirappalli. Its courses are affiliated to Anna University, Chennai from 2002 and the degrees are awarded by Anna University, as per the Government Orders. The College has earned the reputation of being one of the most preferred colleges by the students and parents all these years. Known for its excellent infrastructure and facilities for learning, the outstanding non - grant engineering college has registered impressive performance consistently. A gate-way to success, the college has now set on long-range planning to enlarge and enrich its programs and activities to empower the youth who aspire to become successful Engineers, Scientists and Managers. The College has earned the reputation of being one of the most preferred colleges by the students and parents all these years. Known for its excellent infrastructure and facilities for learning, the outstanding non-grant engineering college has registered impressive performance consistently. A gate-way to success, the college has now set on long-range planning to enlarge and enrich its programs and activities to empower the youth who aspire to become successful Engineers, Scientists and Managers. The college approved by AICTE- New Delhi, affiliated to Anna University-

ABOUT THE DEPARTMENT

The department of computer applications focuses on making industry ready IT professionals by imparting quality computer education along with excellent interpersonal skills. It offers 3 years Full time MCA course to the students. Started in the year of 2001, the course was approved by Bharathidasan University, Trichirappalli. In 2003, Anna University, Chennai recognized and approved the course. The current intake of students is 60 per academic year.

Objectives

- Utilizing AngularJS formats adequately
- Questioning and adjusting information in various databases and getting to be plainly gifted with the API
- Quickly making perplexing structures
- Understanding two-way (proportional) information authoritative applications to take into account worldwide groups of onlookers

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

DEPARTMENT OF MCA

CIRCULAR

Date : 09.10.2019

It is proposed to conduct a value added course on " ANGULAR JS VS REACT JS"
"from 09.10.2019 to 14.10.2019 for second year students. There is no registration
fee. Certificates will be provided for those who attend the course.



Coordinator

A.HEMA

Assistant Professor
Department of MCA
E.G.S. Pillay Engineering College
Nagapattinam - 611 002.



HOD

Dr. J. VANITHA, MCA.,M.Phil.,Ph.D.,

Professor / HOD

Department of MCA

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



Principal



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**E.G.S. PILLAY ENGINEERING COLLEGE(AUTONOMOUS)
DEPARTMENT OF MCA
VALUE ADDED COURSE ON" ANGULAR JS VS REACT JS"
PROGRAM SCHEDULE**

Date/ Session	I Session 9.00 A.M. to 11.00 A.M	II Session 11.15 A.M. to 01.00 P.M	III Session 02.00 P.M. to 03.00 P.M.	IV Session 3.00 P.M. to 5.00 P.M.
09.10.2019	Introduction of Web Technology ,First Steps ,Exploring Data	Types & Functions Objects , Strings,	Numbers , Auto Casting , Prototype , Function	Self Invocing Functions , Array , Booleans , Un defined
10.10.2019	Control Structures: Logical Expressions Logical operators	If statements Else and elseif statements	Logical operators Switch statements	Control Structures Loops
11.10.2019	User-Defined Functions arguments	Returning values from a function Multiple return values	Scope and global variables	Lab session
12.10.2019	Debugging Developers console	Warnings and errors	Debugging and troubleshooting	Lab session
13.10.2019	HTML compilation and Angular Compilation Service , Filters ,	Compilation phase Angular	Compilation Actual Angular Topics • Modules	Controllers • dependency Injection
14.10.2019	Data Binding ,Scopes ,Template	Directives , Routers , Providers	Lab session	

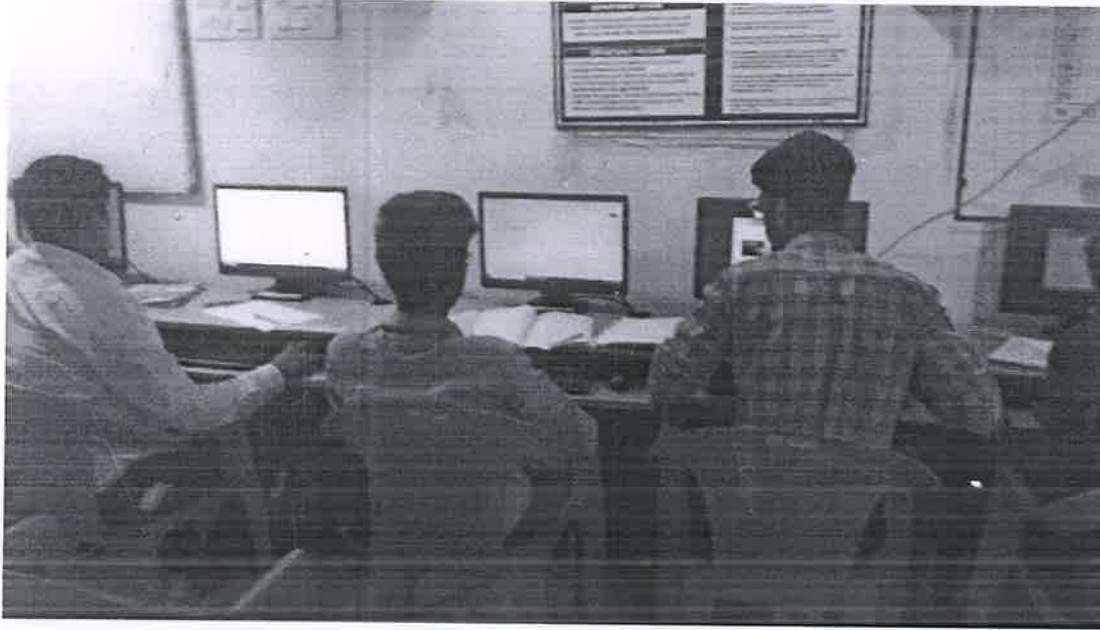

HOD/MCA

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Nagapattinam (Dt) Tamil Nadu,

REPORT

Department of Computer Applications organized a 40hrs value added course on ” **ANGULAR JS VS REACT JS** for MCA II MCA students from 09.10.2019 to 14.10.2019, Timing 9.00Am to 5.00Am in MCA (Soft view Lab). A total of 54 students attended the course. The topics were delivered and demonstrated by course instructors Mrs. A.Hema from E.G.S. Pillay Engineering College ,Nagapattinam.




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**E.G.S. PILLAY ENGINEERING COLLEGE(AUTONOMOUS)
DEPARTMENT OF MCA
SYLLABUS**

VALUE ADDED COURSE ON” ANGULAR JS VS REACT”

S.No	SYLLABUS	Hours (40)
Day I	Introduction of Web Technology - First Steps - Exploring Data Types & Functions - • Objects • Strings • Numbers • Auto Casting • Prototype • Function • Self Invocing Functions • Array • Booleans • Un defined	8 Hrs
Day II	Control Structures: Logical Expressions - • If statements • Else and elseif statements • Logical operators • Switch statements - Control Structures: Loops	8 Hrs
Day III	User-Defined Functions - • Defining functions • Function arguments • Returning values from a function • Multiple return values • Scope and global variables	8 Hrs
Day IV	Debugging • Developers console • Warnings and errors • Debugging and troubleshooting	8 Hrs
Day V	HTML compilation and Angular Compilation • Compilation phase • Angular Compilation Actual Angular Topics • Modules • Controllers • Dependency Injection • Service • Filters • Data Binding • Scopes • Template • Directives • Routers • Providers	8 Hrs


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

NAGAPATTINAM

DEPARTMENT OF COMPUTE R APPLICATIONS

VALUE ADDED COURSE ON ANGULARJS VS REACT JS

ACADEMIC YEAR-2019-2020, II MCA STUDENTS III SEM BATCH (2018-2021)

S.NO	REGISTER NO	STUDENT NAME	09.10.19	10.10.19	11.10.19	12.10.19	13.10.19	14.10.19
1	E18CAR001	Aravinda V	Aravinda	Aravinda	Aravinda	Aravinda	Aravinda	Aravinda
2	E18CAR002	Brundha R	Brundha	Brundha	Brundha	Brundha	Brundha	Brundha
3	E18CAR003	Elamparvathi E	Elamparvathi	A	Elamparvathi	Elamparvathi	Elamparvathi	Elamparvathi
4	E18CAR004	Geetha S	Geetha	Geetha	Geetha	Geetha	Geetha	Geetha
5	E18CAR005	Jafrin J	Jafrin	Jafrin	Jafrin	A	Jafrin	Jafrin
6	E18CAR006	Janisha M	Janisha	Janisha	Janisha	Janisha	Janisha	Janisha
7	E18CAR007	Lakshmi Bharathi T	Lakshmi	Lakshmi	Lakshmi	Lakshmi	Lakshmi	Lakshmi
8	E18CAR008	Nandhini L	Nandhini	Nandhini	Nandhini	Nandhini	Nandhini	Nandhini
9	E18CAR009	Nivegeetha E	Nivegeetha	Nivegeetha	Nivegeetha	Nivegeetha	Nivegeetha	Nivegeetha
10	E18CAR010	Saranraj M	Saranraj	Saranraj	A	Saranraj	Saranraj	Saranraj
11	E18CAR011	Sathiyapriya A	Sathiyapriya	Sathiyapriya	Sathiyapriya	Sathiyapriya	Sathiyapriya	Sathiyapriya
12	E18CAR012	Seetha S	Seetha	Seetha	Seetha	Seetha	Seetha	Seetha
13	E18CAR013	Sivasakthivel R	Sivasakthivel	A	Sivasakthivel	Sivasakthivel	Sivasakthivel	Sivasakthivel
14	E18CAR014	Suvathika M	Suvathika	Suvathika	Suvathika	Suvathika	Suvathika	Suvathika
15	E18CAL301	Adithya V	Adithya	Adithya	Adithya	Adithya	Adithya	Adithya
16	E18CAL302	Aiswarya T	Aiswarya	Aiswarya	Aiswarya	Aiswarya	Aiswarya	Aiswarya
17	E18CAL303	Akalya P	Akalya	Akalya	Akalya	Akalya	Akalya	Akalya
18	E18CAL304	Aravindhan V	Aravindhan	Aravindhan	Aravindhan	Aravindhan	Aravindhan	Aravindhan
19	E18CAL305	Atchaya G	Atchaya	Atchaya	Atchaya	Atchaya	Atchaya	Atchaya
20	E18CAL306	Bharathi R	Bharathi	Bharathi	Bharathi	Bharathi	Bharathi	Bharathi
21	E18CAL307	Bhuvanewari M	Bhuvanewari	Bhuvanewari	Bhuvanewari	Bhuvanewari	Bhuvanewari	Bhuvanewari
22	E18CAL308	Buvana M	Buvana	Buvana	Buvana	Buvana	Buvana	Buvana
23	E18CAL309	Deepa V	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa
24	E18CAL310	Dhivagar G	Dhivagar	Dhivagar	Dhivagar	A	Dhivagar	Dhivagar
25	E18CAL311	Dhivya R	Dhivya	Dhivya	Dhivya	Dhivya	Dhivya	Dhivya
26	E18CAL312	Divakar D	Divakar	Divakar	Divakar	Divakar	Divakar	Divakar
27	E18CAL313	Divya A	Divya	Divya	Divya	Divya	Divya	Divya
28	E18CAL314	Durgadevi M	Durgadevi	Durgadevi	Durgadevi	Durgadevi	Durgadevi	Durgadevi
29	E18CAL315	Gayathri J	Gayathri	Gayathri	Gayathri	Gayathri	Gayathri	Gayathri
30	E18CAL316	Gowri R	Gowri	Gowri	Gowri	Gowri	Gowri	Gowri
31	E18CAL317	Harini S	Harini	Harini	Harini	Harini	Harini	Harini
32	E18CAL318	Iswarya K	Iswarya	Iswarya	Iswarya	Iswarya	Iswarya	Iswarya
33	E18CAL319	Janani P	Janani	Janani	Janani	Janani	Janani	Janani
34	E18CAL320	Karishma R	Karishma	Karishma	Karishma	Karishma	Karishma	Karishma
35	E18CAL321	Kavimalar M	Kavimalar	Kavimalar	Kavimalar	Kavimalar	Kavimalar	Kavimalar
36	E18CAL322	Kaviya V	Kaviya	A	Kaviya	Kaviya	Kaviya	Kaviya
37	E18CAL323	Keerthana K	Keerthana	Keerthana	Keerthana	A	Keerthana	Keerthana
38	E18CAL324	Keerthi Priya M	Keerthi	Keerthi	Keerthi	Keerthi	Keerthi	Keerthi
39	E18CAL325	Lavanya K	Lavanya	Lavanya	Lavanya	Lavanya	Lavanya	Lavanya
40	E18CAL326	Mamtha S	Mamtha	A	Mamtha	Mamtha	Mamtha	Mamtha

(Handwritten signatures and initials)

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41	E18CAL327	Manisha S	manisha	manisha	manisha	manisha	manisha	manisha
42	E18CAL328	Mohamed Naina Maricar M J	M.J.M.J	M.J.M.J	A	M.J.M.J	M.J.M.J	M.J.M.J
43	E18CAL329	Monisha T	monisha	monisha	monisha	monisha	monisha	monisha
44	E18CAL330	Mukesh Priya M	mukesh	mukesh	A	mukesh	mukesh	mukesh
45	E18CAL331	Nanthini K	nanthini	nanthini	nanthini	nanthini	nanthini	nanthini
46	E18CAL332	Narmadha S	narmadha	narmadha	narmadha	narmadha	narmadha	narmadha
47	E18CAL333	Pavithra E	pavithra	pavithra	pavithra	pavithra	pavithra	pavithra
48	E18CAL334	Puvanitha P	puvanitha	puvanitha	puvanitha	puvanitha	puvanitha	puvanitha
49	E18CAL335	Raja R	Raja	Raja	A	Raja	Raja	Raja
50	E18CAL336	Rajeshwari V	rajeshwari	rajeshwari	rajeshwari	rajeshwari	rajeshwari	rajeshwari
51	E18CAL337	Ramya V	Ramya	Ramya	Ramya	Ramya	Ramya	Ramya
52	E18CAL338	Sandhiya V	sandhiya	sandhiya	sandhiya	sandhiya	sandhiya	sandhiya
53	E18CAL339	Sathesh R	sathesh	sathesh	sathesh	sathesh	sathesh	sathesh
54	E18CAL340	Selvanila P	selvanila	selvanila	selvanila	selvanila	selvanila	selvanila
55	E18CAL341	Siva Shangari A	sivashangari	sivashangari	sivashangari	sivashangari	sivashangari	sivashangari
56	E18CAL342	Sivaraj R	sivaraj	sivaraj	A	sivaraj	sivaraj	sivaraj
57	E18CAL343	Sivaranjani S B	sivaranjani	sivaranjani	sivaranjani	sivaranjani	sivaranjani	sivaranjani
58	E18CAL344	Sowmiya V	sowmiya	sowmiya	sowmiya	sowmiya	sowmiya	sowmiya
59	E18CAL345	Subalakshmi C	subalakshmi	subalakshmi	subalakshmi	subalakshmi	subalakshmi	subalakshmi
60	E18CAL346	Sujatha S	sujatha	sujatha	sujatha	sujatha	sujatha	sujatha
61	E18CAL347	Sujitha S	sujitha	sujitha	A	sujitha	sujitha	sujitha
62	E18CAL348	Vaishali S	vaishali	vaishali	vaishali	vaishali	vaishali	vaishali

CO-Ordinator Signature

A.HEMA

Assistant Professor
Department of MCA
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SAMPLE PPT

What is NodeJS?

- ▶ A JavaScript runtime environment running Google Chrome's V8 engine
 - a.k.a. a server-side solution for JS
 - Compiles JS, making it really fast
- ▶ Runs over the command line
- ▶ Designed for high concurrency
 - Without threads or new processes
- ▶ Never blocks, not even for I/O
- ▶ Uses the CommonJS framework
 - Making it a little closer to a real OO language

Concurrency: The Event Loop

- ▶ Instead of threads Node uses an event loop with a stack
- ▶ Alleviates overhead of context switching


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Threads VS Event-driven

Threads	Asynchronous Event-driven
Lock application / request with listener-workers threads	only one thread, which repeatedly fetches an event
Using incoming-request model	Using queue and then processes it
multithreaded server might block the request which might involve multiple events	manually saves state and then goes on to process the next event
Using context switching	no contention and no context switches
Using multithreading environments where listener and workers threads are used frequently to take an incoming-request lock	Using asynchronous I/O facilities (callbacks, not poll/select or O_NONBLOCK) environments

Non-blocking I/O

- ▶ Servers do nothing but I/O
 - Scripts waiting on I/O requests degrades performance
- ▶ To avoid blocking, Node makes use of the event driven nature of JS by attaching callbacks to I/O requests
- ▶ Scripts waiting on I/O waste no space because they get popped off the stack when their non-I/O related code finishes executing


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I/O Example

```
<?php
$result = mysql_query('SELECT * FROM ...');
while($r = mysql_fetch_array($result)){
    // Do something
}
// That's all, you can stop here if you like
//
<script type="text/javascript">
mysql.query('SELECT * FROM ...', function (err, result, fields){
    // Do something
});
// That's all, you can stop here if you like
</script>
```

Node.js VS Apache

1. It's fast
2. It can handle tons of concurrent requests
3. It's written in JavaScript (which means you can use the same code server side and client side)

Platform	Number of request per second
PHP (via Apache)	3187,27
Static (via Apache)	2966,51
Node.js	5569,30


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ADVANCED ANGULAR JS
TEST QUESTIONS

Q1 - What is deep linking in AngularJS?

- A - Deep linking allows you to encode the state of the application in the URL so that it can be bookmarked.
- B - Deep linking is an SEO-based technique.
- C - Deep linking refers to linking various views to a central page.
- D - None of the above.

Q 2 - Which of the following is not a core AngularJS directive.

- A - ng-app
- B - ng-model
- C - ng-bind
- D - ng-state

Q 3 - AngularJS application expressions are pure JavaScript expressions.

- A - true
- B - false

Q 4 - Which of the following is true about the currency filters?

- A - Currency filter formats text in a currency format.
- B - Currency filter is a function that takes text as input.
- C - Both of the above.
- D - None of the above.

Q 5 - Model available in \$rootScope can be overridden by its all child scopes.

- A - true
- B - false

Q 6 - Which components can be injected as a dependency in AngularJS?

- A - value
- B - factory
- C - service
- D - All of the above.

Q 7 - constants are used to pass values at the config phase.

- A - true
- B - false

Q 8 - AngularJS applications can run on all major browsers and smartphones including Android and iOS-based phones/tablets.

- A - true
- B - false

Q 9 - lowercase filter is applied to an expression using a pipe character.

- A - false
- B - true


Q 10 - AngularJS bootstraps itself during the config phase.

- A - true

Karthyā.V
E18CA1322

19

20


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B - false

Q 11- What is a Model in MVC?

- A - Model represents server-side data.
- B - Model represents data stored in a database.
- C - Model is the lowest level of the pattern responsible for maintaining data.
- D - None of the above.

Q 12- Use novalidate with a form declaration to disable any browser specific validation.

- A - true
- B - false

Q13 - Is AngularJS open source?

- A - true
- B - false

Q14 - \$rootScope is the parent of all of the scope variables.

- A - true
- B - false

Q15 - Services are singleton objects which are instantiated only once in-app.

- A - false
- B - true

Q16 - What is data binding in AngularJS?

- A - Data binding is the technique to save HTML data in the database.
- B - Data binding is the technique to bind database data to HTML control.
- C - Data binding is the automatic synchronization of data between model and view components.
- D - Data binding is the automatic synchronization of data between model and controller components.

Q17 - How angular.module works?

- A - angular.module is used to create AngularJS modules along with its dependent modules.
- B - angular.module is primarily used to create application modules.
- C - Both of the above.
- D - None of the above.

Q18 - Which of the following is true about filter filters?

- A - filterfilter is a function that takes text as input.
- B - filterfilter is used to filter the array to a subset of it based on provided criteria.
- C - Both of the above.
- D - None of the above.

Q19 - With AngularJS, the developer writes less code and gets more functionality.

- A - false
- B - true

Q20 - On which of the following types of components can we create a custom directive?

- A - Element directives
- B - Attribute
- C - CSS
- D - All of the above.


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DEPARTMENT OF COMPUTE R APPLICATIONS

VALUE ADDED COURSE ON ANGULAR JS VS REACT JS

ACADEMIC YEAR-2019-2020, II MCA STUDENTS III SEM BATCH (2018-2021)

S.NO	REGISTER NO	STUDENT NAME	TEST MARK
1	E18CAR001	Aravinda V	25
2	E18CAR002	Bruntha R	24
3	E18CAR003	Elamparvathi E	25
4	E18CAR004	Geetha S	24
5	E18CAR005	Jafrin J	23
6	E18CAR006	Janisha M	21
7	E18CAR007	Lakshmi Bharathi T	25
8	E18CAR008	Nandhini L	25
9	E18CAR009	Nivegeetha E	24
10	E18CAR010	Saranraj M	20
11	E18CAR011	Sathiyapriya A	25
12	E18CAR012	Seetha S	24
13	E18CAR013	Sivasakthivel R	25
14	E18CAR014	Suvathika M	24
15	E18CAL301	Adithya V	23
16	E18CAL302	Aiswarya T	20
17	E18CAL303	Akalya P	24
18	E18CAL304	Aravindhana V	24
19	E18CAL305	Atchaya G	25
20	E18CAL306	Bharathi R	25
21	E18CAL307	Bhuvaneswari M	24
22	E18CAL308	Buvana M	24
23	E18CAL309	Deepa V	25
24	E18CAL310	Dhivagar G	25
25	E18CAL311	Dhivya R	24
26	E18CAL312	Divakar D	25
27	E18CAL313	Divya A	25
28	E18CAL314	Durgadevi M	24
29	E18CAL315	Gayathri J	25
30	E18CAL316	Gowri R	25
31	E18CAL317	Harini S	25
32	E18CAL318	Iswarya K	24
33	E18CAL319	Janani P	23
34	E18CAL320	Karishma R	25
35	E18CAL321	Kavimalar M	25
36	E18CAL322	Kaviya V	25
37	E18CAL323	Keerthana K	25
38	E18CAL324	Keerthi Priya M	25
39	E18CAL325	Lavanya K	19
40	E18CAL326	Mamtha S	24


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41	E18CAL327	Manisha S	25
42	E18CAL328	Mohamed Naina Maricar M J	23
43	E18CAL329	Monisha T	20
44	E18CAL330	Mukesh Priya M	22
45	E18CAL331	Nanthini K	25
46	E18CAL332	Narmadha S	23
47	E18CAL333	Pavithra E	25
48	E18CAL334	Puvanitha P	24
49	E18CAL335	Raja R	22
50	E18CAL336	Rajeshwari V	25
51	E18CAL337	Ramya V	25
52	E18CAL338	Sandhiya V	20
53	E18CAL339	Sathesh R	25
54	E18CAL340	Selvanila P	25
55	E18CAL341	Siva Shangari A	25
56	E18CAL342	Sivaraj R	25
57	E18CAL343	Sivaranjani S B	25
58	E18CAL344	Sowmiya V	25
59	E18CAL345	Subalakshmi C	23
60	E18CAL346	Sujatha S	24
61	E18CAL347	Sujitha S	24
62	E18CAL348	Vaishali S	23

CO-Ordinator Signature

HOD/MCA

A. HEMA

Assistant Professor
Department of MCA

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

D. J. VANITHA, MCA., M.PHIL., Ph.D.,
Professor / HOD
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VALUE ADDED COURSE ON" ANGULAR JS VS REACT JS"

CO-PO –PSO MAPPING

- i. Clearly understand the platform design choices that led to Node.js choosing an event loop and what this means for applications built on that foundation.
- ii. Understand the unique trade-offs present in event-driven programming.
- iii. Create Node.js modules and express code modularity in an application.
- iv. Understand the core flow control patterns in Node.js and know when it is appropriate to use callbacks, event emitters or streams.

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11	PO12	PSO 1	PSO 2
CO1	2	-	3	3	-	-	-	3	-	2	3	2	-	2
CO2	2	-	3	3	-	-	-	3	-	2	3	2	-	2
CO3	2	-	3	3	-	-	-	3	-	2	3	2	-	2
CO4	2	-	3	3	-	-	-	3	-	2	3	2	-	2
Average	2	-	3	3	-	-	-	3	-	2	3	2	-	2

1. Slight (Low) 2. Moderate (Medium) 3. Substantial (High) “-“No Correlation


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Name of the Participant: Valghale, S

Date: 09.10.2019 to 14.10.2019

Organization: MCA

	Excellent	Good	Average
1. How was the course	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. How about practical session.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. In way the faculty delivers their speech	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Over all how do you rate this function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Most helpful information and activity (about workshop) Very useful	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>


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Name of the Participant: *Raja.R*
Organization: EGSPEC

Date: 09.10.2019 to 14.10.2019

	Excellent	Good	Average
1. How was the course	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. How about practical session.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. In way the faculty delivers their speech .	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Over all how do you rate this function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Most helpful information and activity (about workshop) Very useful	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Dr. S. RAJAN

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Dr. J. VANITHA

PROFESSOR/HOD/MCA

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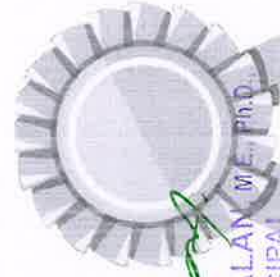
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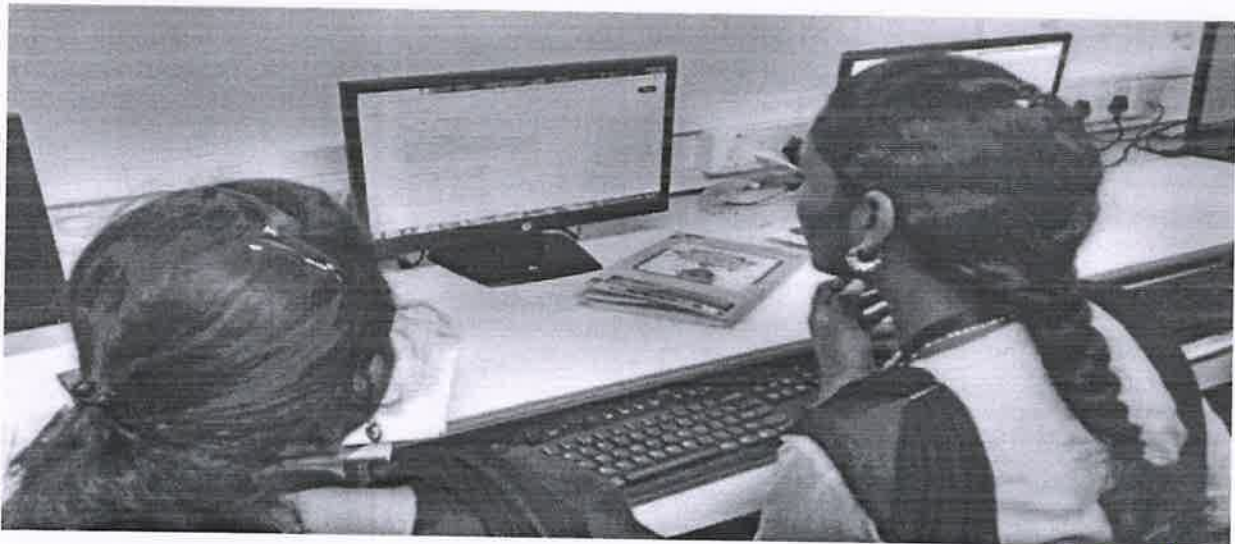
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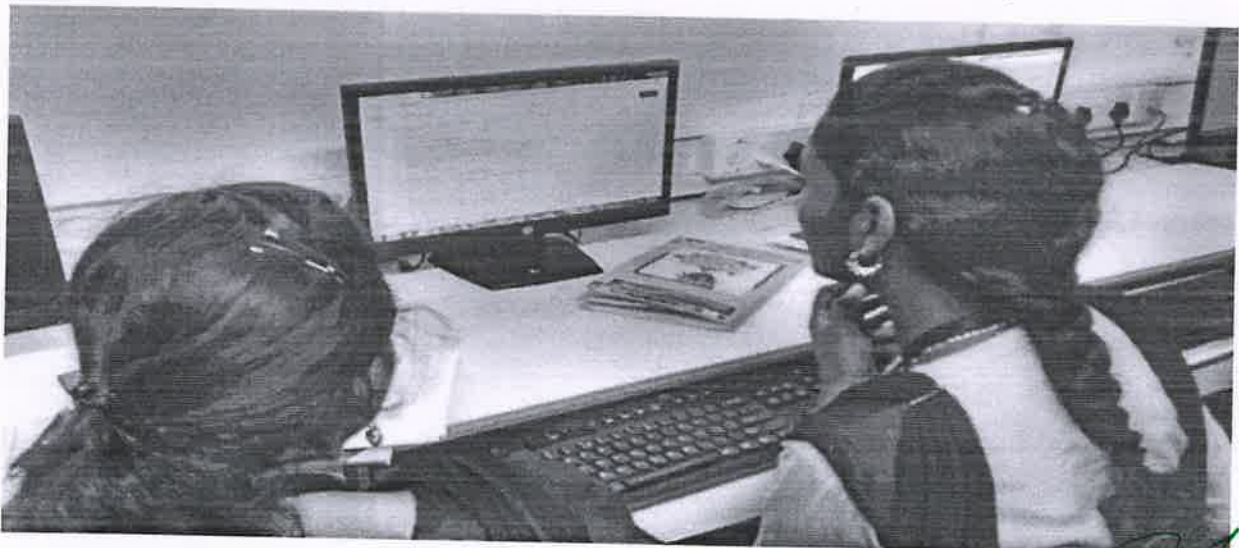
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SAMPLE PHOTO



Prof.
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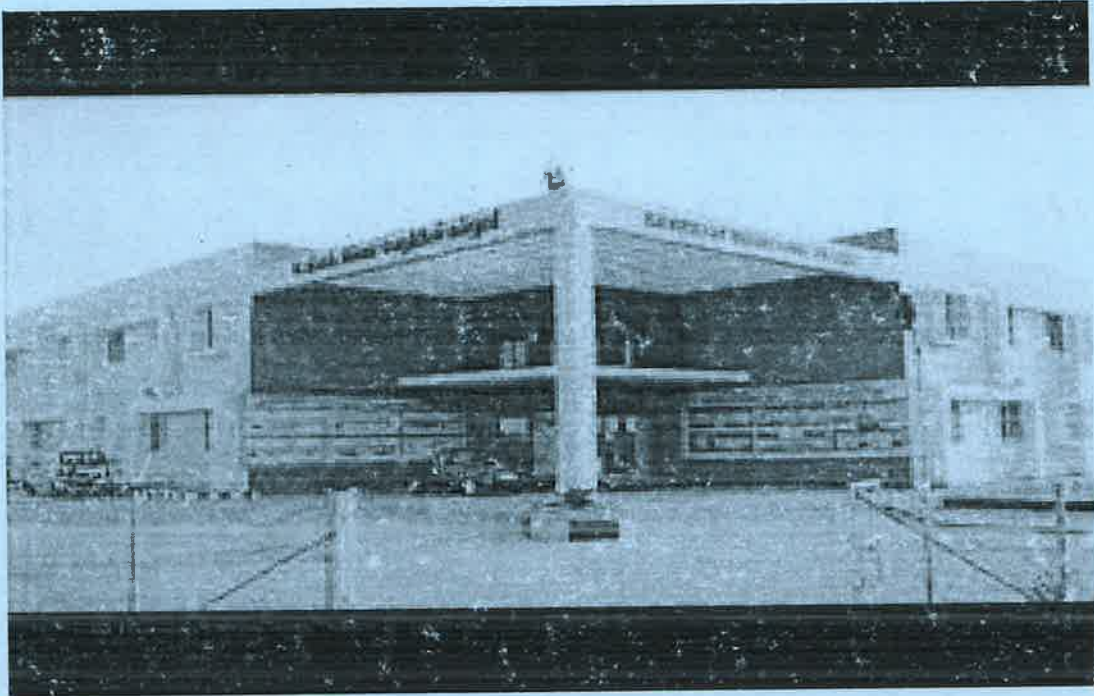
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Date: 10.02.2020 to 15.02.2020

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Coordinator Convener

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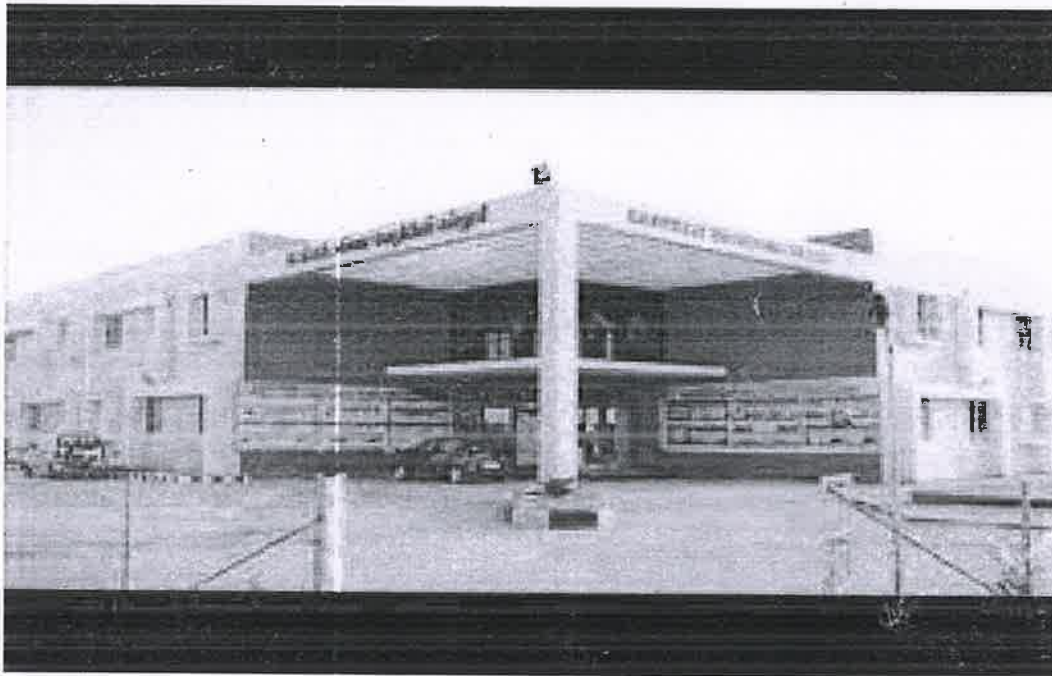
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VALUE ADDED COURSE ON "1704CA511- LINUX"



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From

Mrs. C.MALLIKA Assoc Prof/MCA
Department of MCA,
E.G.S Pillay Engineering College,
Nagapattinam.

To

The HOD,
Department of MCA,
E.G.S Pillay Engineering College,
Nagapattinam

Respected Mam

Sub: Valued Added Course -Reg

We are happy to inform you that we planned to organize one week value added course title on "1704CA511 - LINUX" for III Year Students from 10/02/2020 to 15/02/2020. Herewith we enclose name list, Session details. Kindly give permission for conducting value added course.


Thanking you

Yours truly



[Mrs.C.MALLIKA]

Dr.C. MALLIKA
Associate Professor
Department of MCA
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Nagapattinam - 611 002.



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One Week Valued Course on "Linux"

10.02.2020 to 15.02.2020

(Venue: SOFT VIEW LAB)

Time: 09.00 A.M to 5.00PM

Organized by
Department of MCA
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ABOUT THE INSTITUTION

E G S Pillay Engineering College is one of the pioneering non - grant engineering Colleges in the State. It was established by the E G S Pillay & Sons Educational & Charitable Trust, Nagapattinam in the year 1995 with the sanction of the Government of Tamilnadu, approval of the All India Council for Technical Education, New Delhi and affiliation to Bharathidasan University, Tiruchirappalli. Its courses are affiliated to Anna University, Chennai from 2002 and the degrees are awarded by Anna University, as per the Government Orders. The College has earned the reputation of being one of the most preferred colleges by the students and parents all these years. Known for its excellent infrastructure and facilities for learning, the outstanding non - grant engineering college has registered impressive performance consistently. A gate-way to success, the college has now set on long-range planning to enlarge and enrich its programs and activities to empower the youth who aspire to become successful Engineers, Scientists and Managers. The College has earned the reputation of being one of the most preferred colleges by the students and parents all these years. Known for its excellent infrastructure and facilities for learning, the outstanding non-grant engineering college has registered impressive performance consistently. A gate-way to success, the college has now set on long-range planning; to enlarge and enrich its programs and activities to empower the youth who aspire to become successful Engineers, Scientists and Managers. The college approved by AICTE-New Delhi, affiliated to Anna University-Chennai, recognized by UGC Act 2(f) & 12(B) and accredited by NAAC with 'A' Grade and NBA for three Departments (B.E-CSE/EEE/MECH).

DEPARTMENT PROFIL.F

department of computer applications focuses on making industry ready IT professionals by imparting quality computer education along with excellent interpersonal skills. It offers 3 years Full time MCA course to the students. Started in the year of 2001, the course was approved by Bharathidasan University, Tiruchirappalli. In 2003, Anna University, Chennai recognized and approved the course. The current intake of students is 60 per academic year.

OBJECTIVES

The Value Added Education Courses aim to provide additional learner centric graded skill oriented technical training, with the primary objective of improving the employability skills of students. The main objectives of the program are: To provide students an understanding of the expectations of industry.

OUTCOMES

Understand the basic commands of linux operating system and can write shell scripts.
Create file systems and directories and operate those using programs.
Understand the processes background and fore ground by process and signals system calls.
: Create shared memory segments, pipes, message queues and can exercise inter process communication.
Create sockets and semaphores to interact between process of different system.

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Chairman.

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CO-ORDINATOR

1. Mrs.C.Mallika

MCA.,MBA.,M.Phil.,(Ph.D.,)

2. Dr. P.Arunkumar MCA Ph.,D

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DEPARTMENT OF MCA

CIRCULAR

Date 09.02.2020

It is proposed to conduct a value added course on "linux" from 10.02.2020 to 15.02.2020 for second year students. There is no registration fee. Certificates will be provided for those who attend the course.



Coordinator

Dr.C.MALLIKA
Associate Professor
Department of MCA
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HOD/MCA

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Principal



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**E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)
DEPARTMENT OF COMPUTER APPLICATIONS
VALUE ADDED COURSE ON-"LINUX"
PROGRAM SCHEDULE
VENUE: SOFT VIEW LAB**

Date :10.01.2020 to 15.02.2020

Date/ Session	I Session 9.00 A.M. to 11.00 A.M	II Session 11.15 A.M. to 01.00 P.M	III Session 02.00 P.M. to 03.00 P.M.	IV Session 3.00 P.M. to 5.00 P.M.
14.01.2019	Intro to course a little UNIX and Linux background and history;	Getting started using UNIX and Linux commands	UNIX/Linux basics fundamentals	Lab session
15.01.2019	Files and operations on files	Data manipulation using filters	intro to bash shell programming	Lab session
16.01.2019	Continuing with bash shell programming -	More on UNIX, Linux utilities -	Intro to vi and EMACS	Lab session
17.01.2019	UNIX and IP networking	communication - Anatomy of UNIX	Linux processes - UNIX	Linux internals and services
18.01.2019	UNIX commands	Linux system administration	Lab session	Lab session
19.01.2019	Lab Activity	Lab Activity	Lab session	Lab session



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HOD/MCA

Dr. J. VANITHA
Head of the Department
Department of MCA
E.G.S. Pillay Engineering College
Nagapattinam - 611 002.

E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)
DEPARTMENT OF MCA
REPORT

Department of Computer Applications organized a 40 hrs value added course on "Linux" for MCA V semester students from 10.02.2020 to 15.02.2020, Timing 9.00Am to 5.0PM in MCA (Soft view Lab). A total of 57 students attended the course. The topics were delivered and demonstrated by course instructors Mr. P.Arunkumar from E.G.S. Pillay Engineering College ,Nagapattinam.Linux is an operating system with a series of programs that let one to interact with his computer and run other programs. An operating system consists of various fundamental programs which are needed by the computer so that it can communicate and receive instructions from users; read and write data to hard disks, tapes, and printers; control the use of memory; and run other software. The most important part of an operating system is the kernel. In a GNU/Linux system, Linux is the kernel component. The rest of the system consists of other programs, many of which were written by or for the GNU Project. Because the Linux kernel alone does not form a working operating system, we prefer to use the term "GNU/Linux".Linux is modelled on the Unix operating system. From the start, Linux was designed to be a multi-tasking, multi-user system. In contrast to other operating systems, nobody owns Linux. Much of its development is done by unpaid volunteers.




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VALUE ADDED COURSE ON "1704CA511- LINUX"


SYLLABUS

1704CA511 LINUX"

Course Ourcomes

- I. Explain some of the different distribution of Linux and the reason for open source.
- II. Use Linux commands to manage files and file systems.
- III. Create and execute BASH scripts.
- IV. Explain the structure of the Linux operating system.
- V. Establish user accounts and permissions.
- VI. Configure basic Linux network services.

SYLLABUS	Hours (40)
Intro to course; a little UNIX and Linux background and history; getting started using UNIX and Linux commands - UNIX/Linux basics - fundamentals	8 Hrs
Files and operations on files - Data manipulation using filters - intro to bash shell programming	8 Hrs
Continuing with bash shell programming - More on UNIX/Linux utilities - Intro to vi and EMACS	8 Hrs
UNIX and IP networking/communication - Anatomy of UNIX/Linux processes - UNIX/Linux internals and services	8 Hrs
UNIX/Linux system administration	8 Hrs


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

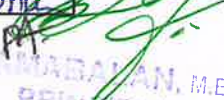
NAGAPATTINAM

DEPARTMENT OF MCA

VALUE ADDED COURSE ON " Linux"

ACADEMIC YEAR-2019-2020, III MCA STUDENTS BATCH (2016-2018)

S.NO	REGISTER NO	STUDENT NAME	10.2.20	11.2.20	12.2.20	13.2.20	14.2.20	14.2.20	15.2.20
1	820816621001	M.ISWARYA	Isuay	Isuag	Isuaw	Isuay	Isuay	Isuay	Isuay
2	820816621002	N.MEGANATHAN	He	He	He	He	He	He	He
3	820816621004	R.SWATHI	Swathi	Swathi	Swathi	Swathi	Swathi	Swathi	Swathi
4	820816621301	AISHWARYA. U	Ashu	Ashu	Ashu	Ashu	Ashu	Ashu	Ashu
5	820816621302	ANBUMANI P	Anbu	Anbu	Anbu	Anbu	Anbu	Anbu	Anbu
6	820816621303	ARAVINDAN R	Arav	Arav	Arav	Arav	Arav	Arav	Arav
7	820816621304	ARCHANA. D	Arch	Arch	Arch	Arch	Arch	Arch	Arch
8	820816621305	ARCHANA. N	Arch	Arch	Arch	Arch	Arch	Arch	Arch
9	820816621306	ATHITHYA.R	Athy	Athy	Athy	Athy	Athy	Athy	Athy
10	820816621307	CHANDRU. G	Chand	Chand	Chand	Chand	Chand	Chand	Chand
11	820816621308	DEVARAJ M	Deva	Deva	Deva	Deva	Deva	Deva	Deva
12	820816621309	ELAVARASI.M	Elav	Elav	Elav	Elav	Elav	Elav	Elav
13	820816621310	GOMATHI. G	Gomath	Gomath	Gomath	Gomath	Gomath	Gomath	Gomath
14	820816621311	GUNAVATHI R	Gunav	Gunav	Gunav	Gunav	Gunav	Gunav	Gunav
15	820816621312	HARIPRIYA. R	Harip	Harip	Harip	Harip	Harip	Harip	Harip
16	820816621313	INDUMATHI G	Indum	A	Indum	Indum	Indum	Indum	Indum
17	820816621314	JANCE JOHN. J	Jance	Jance	Jance	Jance	Jance	Jance	Jance
18	820816621315	JAYAPRIYA. N	Jayap	Jayap	Jayap	Jayap	Jayap	Jayap	Jayap
19	820816621316	KANMANI. KC	Kanma	Kanma	Kanma	Kanma	Kanma	Kanma	Kanma
20	820816621317	KARTHIGA L	Karth	Karth	Karth	Karth	Karth	Karth	Karth
21	820816621318	KATHIRAVAN U	Kathir	Kathir	Kathir	Kathir	Kathir	Kathir	Kathir
22	820816621319	KEERTHANA. K	Keerth	A	Keerth	Keerth	Keerth	Keerth	Keerth
23	820816621320	KIRUTHIKA. S	Kiruth	Kiruth	Kiruth	Kiruth	Kiruth	Kiruth	Kiruth
24	820816621321	LAKSHMMI MONICCA. S	Laksh	Laksh	Laksh	Laksh	Laksh	Laksh	Laksh
25	820816621322	MAHESHWARAN K	Mahesh	Mahesh	A	Mahesh	Mahesh	Mahesh	Mahesh
26	820816621323	MANIKANDAN. K	Manika	Manika	Manika	Manika	Manika	Manika	Manika
27	820816621324	MARIO CARO JANUVARIS H	Mario	Mario	Mario	A	Mario	Mario	Mario
28	820816621326	MEENA. N	Meena	Meena	Meena	Meena	Meena	Meena	Meena
29	820816621327	MOHAMED IRSHATH. N	Mohame	A	Mohame	Mohame	Mohame	Mohame	Mohame
30	820816621328	MONICA M	Monica	Monica	Monica	Monica	Monica	Monica	Monica
31	820816621329	MUTHU S M	Muthu	Muthu	Muthu	Muthu	Muthu	Muthu	Muthu
32	820816621330	MUTHU SOWMIYA. V	Muthu	A	Muthu	Muthu	Muthu	Muthu	Muthu
33	820816621331	NANDHINI. S	Nandh	Nandh	Nandh	Nandh	Nandh	Nandh	Nandh
34	820816621333	PARAMESHWARI S	Param	A	Param	Param	Param	Param	Param
35	820816621334	PAVITHRA. M	Pavith	Pavith	Pavith	Pavith	Pavith	Pavith	Pavith
36	820816621335	PAVITHRA. S	Pavith	Pavith	Pavith	Pavith	Pavith	Pavith	Pavith
37	820816621336	PRIYANGA S	Priyan	A	Priyan	Priyan	Priyan	Priyan	Priyan


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Linux Directory Commands

1. pwd Command

The pwd command is used to display the location of the current working directory.

Syntax:

1. pwd

Output:

2. mkdir Command

The mkdir command is used to create a new directory under any directory.

Syntax:

1. mkdir <directory name>

Output:

```
javatpoint@javatpoint-Inspiron-3542:~$ mkdir new_directory
javatpoint@javatpoint-Inspiron-3542:~$
```

3. rmdir Command

The rmdir command is used to delete a directory.

Syntax:

1. rmdir <directory name>

Output:

```
javatpoint@javatpoint-Inspiron-3542:~$ rmdir new_directory
javatpoint@javatpoint-Inspiron-3542:~$
```

4. ls Command

The ls command is used to display a list of content of a directory.

Syntax:

1. ls

Output:

```
javatpoint@javatpoint-Inspiron-3542:~$ ls
a           Desktop      examples.desktop  Music       sample
Akash      Directory    hello.c           pico        snap
a.out      Documents    hello.i           Pictures     Templates
composer.phar Downloads    hello.o           project     Test.txt
Demo.sh    eclipse      hello.s           Public      Videos
Demo.txt   eclipse-installer index.html        Python
Demo.txt~  eclipse-workspace mail              Python-3.8.0
```

5. cd Command

The cd command is used to change the current directory.

Syntax:

1. cd <directory name>

Output:

```
javatpoint@javatpoint-Inspiron-3542:~$ cd Desktop
javatpoint@javatpoint-Inspiron-3542:~/Desktop$
```

Linux File commands

6. touch Command


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Output:

```
javatpoint@javatpoint-Inspiron-3542:~$ tail Demo.txt
2
3
4
5
6
7
8
9
10
11
```

14. tac Command

The tac command is the reverse of cat command, as its name specified. It displays the file content in reverse order (from the last line).

Syntax:

1. tac <file name>

Output:

```
javatpoint@javatpoint-Inspiron-3542:~$ tac Demo.txt
11
10
9
8
7
6
5
4
3
2
1
```

15. more command

The more command is quite similar to the cat command, as it is used to display the file content in the same way that the cat command does. The only difference between both commands is that, in case of larger files, the more command displays screenful output at a time.

In more command, the following keys are used to scroll the page:

ENTER key: To scroll down page by line.

Space bar: To move to the next page.


b key: To move to the previous page.

/ key: To search the string.

Syntax:

1. more <file name>

Output:


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```

;;; gyp.el - font-lock-mode support for gyp files.

;; Copyright (c) 2012 Google Inc. All rights reserved.
;; Use of this source code is governed by a BSD-style license that can be
;; found in the LICENSE file.

;; Put this somewhere in your load-path and
;; (require 'gyp)

(require 'python)
(require 'cl)

(when (string-match "python-mode.el" (symbol-file 'python-mode 'defun))
  (error (concat "python-mode must be loaded from python.el (bundled with "
                "recent emacs), not from the older and less maintained "
                "python-mode.el")))

(defadvice python-indent-calculate-levels (after gyp-outdent-closing-parens
                                             activate)
  "De-indent closing parens, braces, and brackets in gyp-mode."
  (when (and (eq major-mode 'gyp-mode)
             (string-match "^ *([)])([.,])" *$)
            (buffer-substring-no-properties

```

--More--(7%)

16. less Command

The less command is similar to the more command. It also includes some extra features such as 'adjustment in width and height of the terminal.' Comparatively, the more command cuts the output in the width of the terminal.

Syntax:

1. less <file name>

Output:


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

principal@egspec.org | enquiries@egspec.org

Counselling Code: 3806



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Nile Engineering Ranking Top 200 in India

Old Nagore Road, Thethi, Nagapattinam - 611002, Tamil Nadu

VALUE ADDED COURSE ON "1704CA511 LINUX"

Test total Mark - 20

- The dmesg command
 - Shows user login logoff attempts
 - Shows the syslog file for info messages
 - kernel log messages
 - Shows the daemon log messages
- The command "mknodmyfifo b 4 16"
 - Will create a block device if user is root
 - Will create a block device for all users
 - Will create a FIFO if user is not root
 - None of the mentioned
- Which command is used to set terminal IO characteristic?
 - tty
 - ctty
 - ptty
 - stty
- Which command is used to display the operating system name
 - os
 - unix
 - kernel
 - uname
- Which command is used to display the unix version
 - uname -r
 - uname -n
 - uname -t
 - kernel
- Which command is used to print a file
 - print
 - ptr
 - lpr
 - none of the mentioned
- Using which command you find resource limits to the session?
 - rlimit


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820816624305
R. Athithya

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VALUE ADDED COURSE ON "1704CA511 LINUX"

Test total Mark -20

- The dmesg command
a) Shows user login logoff attempts
b) Shows the syslog file for info messages
c) kernel log messages
d) Shows the daemon log messages
- The command "mknodmyfifo b 4 16"
a) Will create a block device if user is root
b) Will create a block device for all users
c) Will create a FIFO if user is not root
d) None of the mentioned
- Which command is used to set terminal IO characteristic?
a) tty
b) ctty
c) pty
d) stty
- Which command is used to display the operating system name
a) os
b) unix
c) kernel
d) uname
- Which command is used to display the unix version
a) uname -r
b) uname -n
c) ~~uname -t~~
d) kernel
- Which command is used to print a file
a) print
b) ~~ptr~~
c) lpr
d) none of the mentioned
- Using which command you find resource limits to the session?
a) rlimit

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NAGAPATTINAM

DEPARTMENT OF MCA

VALUE ADDED COURSE ON " Linux"

ACADEMIC YEAR-2019-2020, III MCA STUDENTS BATCH (2016-2018)

S.NO	REGISTER NO	STUDENT NAME	Test 1	Test 2
1	820816621001	M.ISWARYA	20	20
2	820816621002	N.MEGANATHAN	19	20
3	820816621004	R.SWATHI	20	20
4	820816621301	AISHWARYA. U	20	20
5	820816621302	ANBUMANI P	20	17
6	820816621303	ARAVINDAN R	19	20
7	820816621304	ARCHANA. D	20	20
8	820816621305	ARCHANA. N	20	20
9	820816621306	ATHITHYA.R	20	17
10	820816621307	CHANDRU. G	20	20
11	820816621308	DEVARAJ M	20	20
12	820816621309	ELAVARASI.M	17	20
13	820816621310	GOMATHI. G	20	20
14	820816621311	GUNAVATHI R	20	20
15	820816621312	HARIPRIYA. R	20	20
16	820816621313	INDUMATHI G	20	18
17	820816621314	JANCE JOHN. J	20	20
18	820816621315	JAYAPRIYA. N	20	20
19	820816621316	KANMANI. KC	18	20
20	820816621317	KARTHIGA L	20	20
21	820816621318	KATHIRAVAN U	20	20
22	820816621319	KEERTHANA. K	20	20
23	820816621320	KIRUTHIKA. S	20	16
24	820816621321	LAKSHMMI MONICCA. S	20	20
25	820816621322	MAHESHWARAN K	20	20
26	820816621323	MANIKANDAN. K	19	20
27	820816621324	MARIO CARO JANUVARIS H	20	20
28	820816621326	MEENA. N	20	19
29	820816621327	MOHAMED IRSHATH. N	20	20
30	820816621328	MONICA M	20	20
31	820816621329	MUTHU S M	20	20
32	820816621330	MUTHU SOWMIYA. V	20	20
33	820816621331	NANDHINI. S	19	20
34	820816621333	PARAMESHWARI S	20	20
35	820816621334	PAVITHRA. M	20	20
36	820816621335	PAVITHRA. S	20	20
37	820816621336	PRIYANGA S	20	20

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Thathi, Nagore - 611 002.

Nagapattinam (Dt) Tamil Nadu.

VALUE ADDED COURSE ON "1704CA511- LINUX"

"


CO-PO –PSO MAPPING

Course Ourcomes

- I. Explain some of the different distribution of Linux and the reason for open source.
- II. Use Linux commands to manage files and file systems.
- III. Create and execute BASH scripts.
- IV. Explain the structure of the Linux operating system.
- V. Establish user accounts and permissions.
- VI. Configuré basic Linux network services.

Course Outcomes	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P011	P012	PSO 1	PSO 2
C01	-	-	3	3	3-	-	-	-	-	2	-	2	3	-
C02	-	-	3	3	3-	-	-	-	-	2	-	2	3	-
C03	-	-	3	3	3-	-	-	-	-	2	-	2	3	-
C04	-	-	3	3	3-	-	-	-	-	2	-	2	3	-
C05	-	-	3	3	3-	-	-	-	-	2	-	2	3	-
C06	-	-	3	3	3-	-	-	-	-	2	-	2	3	-
C07	-	-	3	3	3-	-	-	-	-	2	-	2	3	-
Average	-	-	3	3	3-	-	-	-	-	2	-	2	3	-

1. Slight (Low) 2. Moderate (Medium) 3. Substantial (High) "-No Correlation


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 Nagapattinam (D.) Tanj.

E.G.S.PILLAY ENGINEERING COLLEGE(AUTONOMOUS)
STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of MCA

Nandhini.S

Academic year: ~~2019~~ & 2020

Name and code number of the value added course offered: Linux

Semester: Vth

Batch No: -

Period of Batch: 2016

Staff Co ordinator: C. Malika


Staff Handling:

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S.No	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation		✓			
4	Regularity and punctuality of teacher	✓				
5	Coverage of syllabus	✓				
6	Interaction		✓			
7	Individual attention	✓				
8	Outcome	✓				
9	Other suggestions		✓			


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E.G.S.PILLAY ENGINEERING COLLEGE(AUTONOMOUS)
STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of MCA

Pavithra.S

Academic year: 2019 & 2020

Name and code number of the value added course offered: Linux

Semester: 5th

Batch No: -

Period of Batch: 2016

Staff Co ordinator: C. Mallika

Staff Handling:

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S.No	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation	✓				
4	Regularity and punctuality of teacher		✓			
5	Coverage of syllabus	✓				
6	Interaction	✓				
7	Individual attention	✓				
8	Outcome	✓				
9	Other suggestions	✓				


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Nagapattinam (Dt) Tamil Nadu

E.G.S.PILLAY ENGINEERING COLLEGE(AUTONOMOUS)
STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Yamuna A.

Department of ME

Academic year: 20¹⁹&20²⁰

Name and code number of the value added course offered: 1704CA511 - Linux

Semester: V

Batch No: -

Period of Batch: 2016

Staff Co ordinator: e. mallika

Staff Handling: .

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S.No	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation		✓			
4	Regularity and punctuality of teacher		✓			
5	Coverage of syllabus	✓				
6	Interaction	✓				
7	Individual attention		✓			
8	Outcome	✓				
9	Other suggestions		✓			


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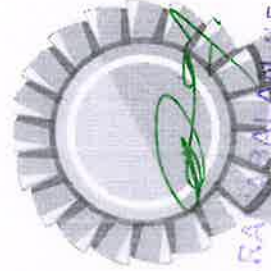
DEPARTMENT OF MCA VALUE ADDED COURSE ON "LINUX"

Certificate

This is certify that **Mr/Ms VEERA RAJ N 820816621356** of III MCA has Attended Value Added Course on "LINUX" from 10.2.2020 to 15.02.2020 and completed the course successfully.

Mrs. C.MALLIKA Assoc prof/MCA

Mrs. C. Mallika



U.S. RAJALAKSHMI, M.E., Ph.D.
PRINCIPAL
E.G.S. Pillay Engineering College
Thethi, Nagore - 611002,
Nagapattinam (Dt) Tamil Nadu

Dr. J. Vanitha

DR.J.VANITHA
PROFESSOR/HOD/MCA
CONVENER

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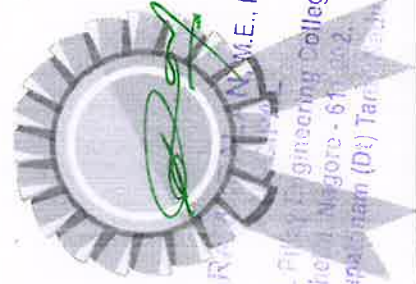
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Certificate

This is certify that **Mr/Ms ARCHANA. D 820816621304** of III MCA has Attended Value Added Course on "LINUX" from 10.2.2020 to 15.02.2020 and completed the course successfully.

Archana

Mrs. C.MALLIKA Assoc prof/MCA



D. J. R. ... M.E., Ph.D.,
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Nagapattinam (Dt) Tamil Nadu

Dr. J. Vanitha

Dr. J. VANITHA
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DEPARTMENT OF MCA VALUE ADDED COURSE ON "LINUX"

Certificate

This is certify that **Mr/Ms M.ISWARYA 820816621001** of III MCA has Attended Value Added Course on "LINUX" from 10.2.2020 to 15.02.2020 and completed the course successfully.


Mrs. C.MALLIKA Assoc prof/MCA

Dr. S. J. 
M.E., P.O.D.

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

Dr.J.VANITHA
PROFESSOR/HOD/MCA
CONVENER

SAMPLE PHOTO




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DEPARTMENT OF MCA

VALUE ADDED COURSE ON "1704CA211-PHOTOSHOP"



DATE: 21.01.2019 to 26.01.2019

VENUE: SOFTVIEW LAB

Coordinator

1. Mrs. C.MALLIKA Assoc Prof /MCA
2. Mrs. S.VISALATCHY AP/MCA

Convener

Dr.J.Vanitha
Professor/HOD/MCA


Dr. S. RAMABALAN, M.E., Ph.D.,
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[Signature]
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DEPARTMENT OF MCA
VALUE ADDED COURSE ON "1704CA211-PHOTOSHOP"

S.No	Content	Page No
1.	Requisition letter	1
2.	Brochure	2
3.	Circular	3
4.	Program Schedule	4
5.	Syllabus	5
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10.	Sample Test Paper & Mark Statement	15-17
11.	CO's & PO Mapping	18
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13.	Sample Certificate	23-24
14	Sample Photo	25


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Nagapattinam (Dt) Tamil Nadu.

From

Mrs. C.Mallika
Department of MCA,
E.G.S Pillay Engineering College,
Nagapattinam.

To

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

Through

The HOD
Department of MCA,
E.G.S Pillay Engineering College,
Nagapattinam.

Respected Sir

Sub: Valued Added Course -Reg


We are happy to inform you that we planned to organize one week value added course title on "1704CA211-Photoshop" for I Year Students II sem from 21/01/2019 to 26/01/2019. Herewith we enclose name list, Session details. Kindly give permission for conducting value added course.

Thanking you

Yours truly


[Mrs. C.MALLIKA]




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Dr.C. MALLIKA
Associate Professor
Department of MCA
E.G.S. Pillay Engineering College
Nagapattinam - 611 002.

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

DEPARTMENT OF MCA

CIRCULAR

Date 19.01.2019

It is proposed to conduct a value added course on "1704CA211-Photoshop" from 21/01/2019 to 26/01/2019. for First year students. There is no registration fee. Certificates will be provided for those who attend the course.


Coordinator

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Head of the Department
Department of MCA
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Nagapattinam - 611 002.

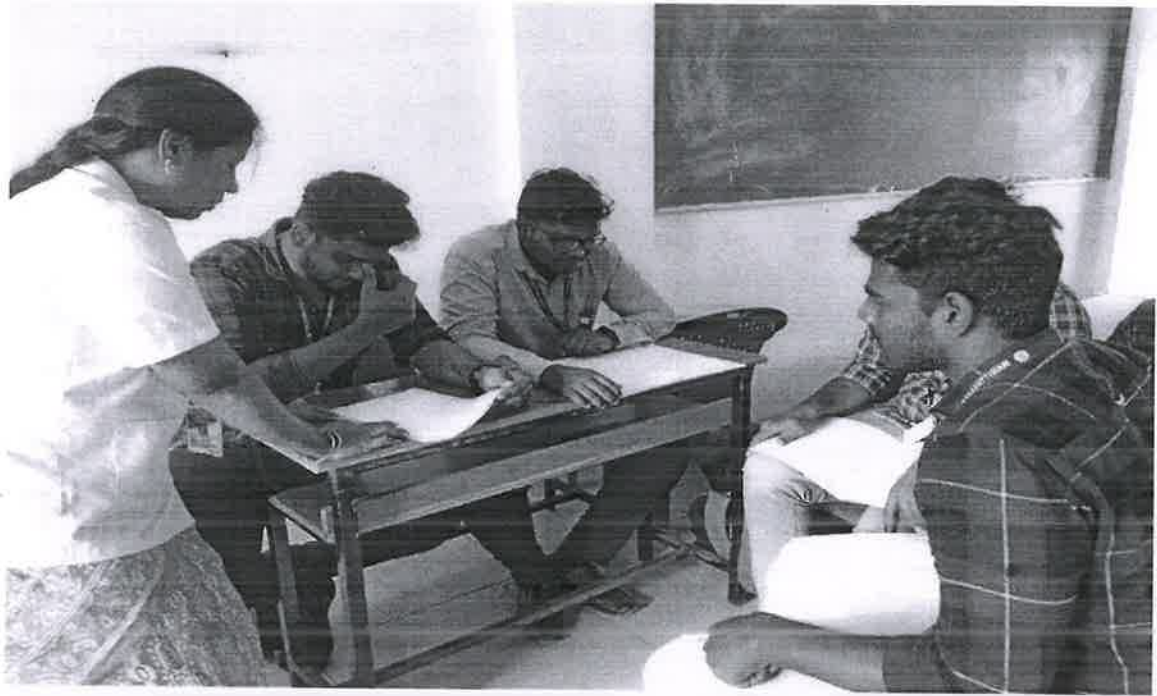

Principal


Dr. S.RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.


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REPORT

Department of Computer Applications organized a 40hrs value added course on "1704CA211-Photoshop" for MCA 2nd semester students from 21.01.2018 to 26.01.2018 Timing 9.00Am to 5.00Am in MCA (Soft view Lab). A total of 8 students attended the course. The topics were delivered and demonstrated by course instructors Mrs .C,MALLIKA from E.G.S. Pillay Engineering College , Nagapattinam.




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

DEPARTMENT OF MCA

VALUE ADDED COURSE ON "1704CA211- PHOTOSHOP"

- I. Understand the basic principles of graphic design using Photoshop including typography, compositing, color, and composition
- II. Design better pages and documents using design-thinking principles
- III. Create learning materials including infographics and visual content to fortify learning objectives
- IV. Understand how to create better layouts using grids and guides using Photoshop
- V. Understand how to use layers, effects, gradients, scaling, cloning, levels, and layer masks in Photoshop

SYLLABUS

S.No	SYLLABUS	Hours (40)
Day I	Introduction of PhotoShop - Creating a New File - Color Mode - Foreground & background	8 Hrs
Day II	Using Brushes - Rubber Stamp Options - Using the Editing Tool	8 Hrs
Day III	Selection Tools - Introduction of layers - Creating Layer Mask	8 Hrs
Day IV	Working With the Pen Tool - Applying Filters	8 Hrs
Day V	Creating Special Effects - Exporting Your Work	8 Hrs


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do 6. 2020

E.G.S. PILLAY ENGINEERING COLLEGE(AUTONOMOUS)											
NAGAPATTINAM											
DEPARTMENT OF MCA											
VALUE ADDED COURSE ON "1704CA211- PHOTOSHOP"											
ACADEMIC YEAR-2019-2020, I MCA STUDENTS II SEM BATCH (2019-2022)											
S.NO	REGISTER NO	STUDENT NAME	21.01.2019	22.01.2019	23.01.2019	24.01.2019	25.01.2019	26.01.2019			
1	E19CAR002	Gayathri K	Ojaythri	Ueenytri	Ueenytri	Ueenytri	Ueenytri	Ueenytri			
2	E19CAR003	Kalaiselvi T	Kalaiselvi Navaneeth	Kalaiselvi Navaneeth	Kalaiselvi Navaneeth	Kalaiselvi Navaneeth	Kalaiselvi Navaneeth	Kalaiselvi Navaneeth			
3	E19CAR004	Navaneethkrishnan R	Kalaiselvi Navaneeth	Kalaiselvi Navaneeth	Kalaiselvi Navaneeth	Kalaiselvi Navaneeth	Kalaiselvi Navaneeth	Kalaiselvi Navaneeth			
4	E19CAR005	Raguvaran R	Rajith	Rajith	A B	Rajith	Rajith	Rajith			
5	E19CAR006	Ranjithkumar R	Ranjithkumar	Ranjithkumar	Ranjithkumar	Ranjithkumar	Ranjithkumar	Ranjithkumar			
6	E19CAR007	Sanakaradevi R	R. Santh	R. Santh	R. Santh	R. Santh	R. Santh	R. Santh			
7	E19CAR008	Sasikumar D	R. Santh	R. Santh	R. Santh	R. Santh	R. Santh	R. Santh			
8	E19CAR009	Sasireha S	S. Sasireha	S. Sasireha	S. Sasireha	S. Sasireha	S. Sasireha	S. Sasireha			


Coordinator Signature

Dr. C. MALLIKA
Associate Professor
Department of MCA
E.G.S. Pillay Engineering College
Nagapattinam - 611 002.



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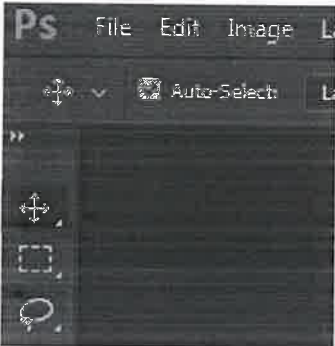
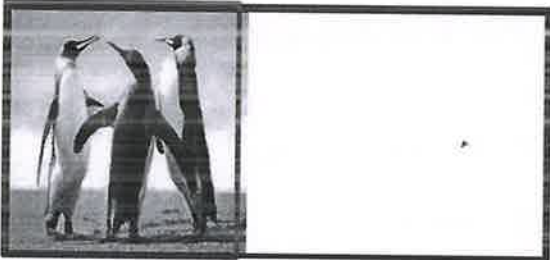

HOD/MCA

Dr. J. VANITHA
Head of the Department
Department of MCA
E.G.S. Pillay Engineering College
Nagapattinam - 611 002.



Photoshop Quick Reference Guide

How to Use the Move Tool

Steps	What You See
<p>The move tool allows the user to simply move things on your canvas.</p>	
<p>Locating the Move Tool</p> <p>Locate the tool palette</p> <p>Note: The tool palette column is located along the left side of the screen</p> <p>Note: The move tool is the first icon on the tool palette and this icon appears as a mouse cursor.</p>	
<p>Using the Move Tool</p> <p>Click: on an object with your mouse and drag it to the desired location</p> <p>Release: the mouse button when you have reached your desired location</p>	


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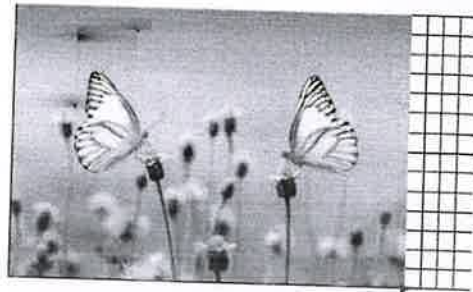
Single Pixel Movement

Select: The move tool in the tool palette

Select: The image you want to move from your layer palette

Use: The arrow keys to move the selection in 1-pixel increments

Note: The right arrow key moves the image 1 pixel at a time to the right



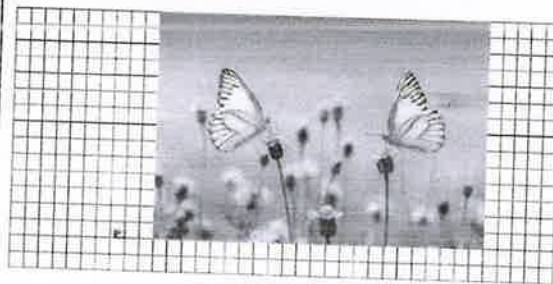
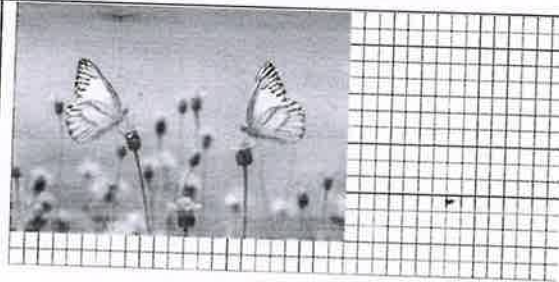
Multi-Pixel Movement

Select: The move tool in the tool palette

Select: The image you want to move from your layer palette

Hold: the Shift key and use the arrow keys to perform Multi-Pixel movements

Note: This moves the selection in 10-pixel increments


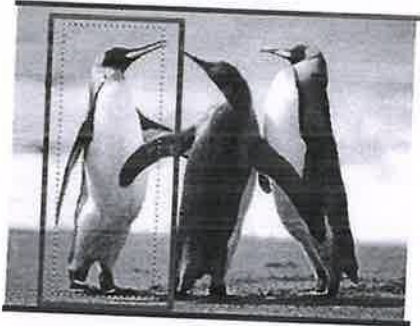



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Photoshop Quick Reference Guide

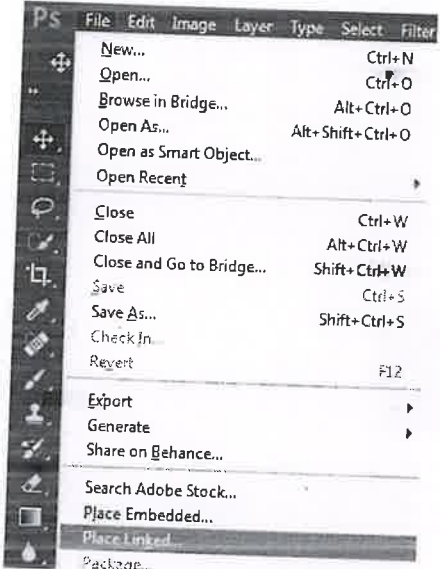

How to Use the Marquee Tool


Steps	What You See
<p>The marquee tool is a selection tool which allows the user to copy or delete sections of a layer.</p>	
<p>Locating the Marquee Tool</p> <p>Locate the tool palette</p> <p>Note: The tool palette column is located along the left side of the screen</p> <p>Select: The Marquee Tool</p> <p>Note: The Marquee Tool appears as a dotted line in the shape of a rectangle</p>	
<p>Using the Marquee Tool</p> <p>Click: On an object with your mouse and drag the Marquee tool around the object you want selected</p> <p>Release: the mouse button when you are done making your selection</p>	



Photoshop Quick Reference Guide

How to Insert an Image

Steps	What You See
<p>Inserting an image option allows the user to place an image on the canvas for manipulation</p>	
<p>Inserting the Image</p> <p>Click: The file tab</p> <p>Select: Place Linked</p>	
<p>Selecting the Image</p> <p>Select: the image you are placing on the canvas</p> <p>Click: Place when you are finished with your selection</p>	


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Selecting the Layer

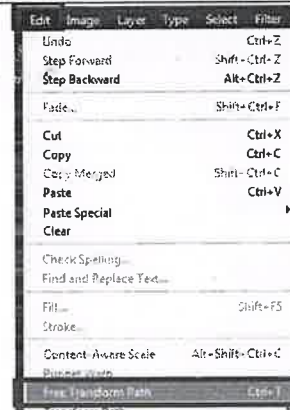
Select: the layer that has the image



Selecting Free Transform

Go: to the Edit drop menu along the menu bar on top of the screen

Select: Free Transform

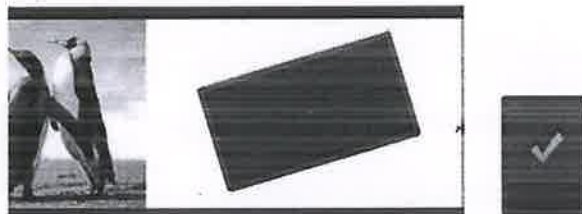


Free Transform Image

Select: The corner on the bounded box around the image

Drag: The corner to reshape the image

Click: The check mark above the canvas to finish



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DEPARTMENT OF MCA
VALUE ADDED COURSE ON" 1704CA211- Photoshop"
TEST QUESTION
TOTAL MARK -20

1. All of the following filters are located in the Filter Gallery except....
 - A. Artistic
 - B. Sketch
 - C. Render
 - D. Texture
2. Which of the following Image Adjustments involves *offset* and *gamma correction* settings?
 - A. Threshold
 - B. Exposure
 - C. Curves
 - D. Levels
3. Which term is associated with 3d text and/or imaging?
 - A. Modify
 - B. Extrusion
 - C. Selection
 - D. Transformation
4. A psd file is a psd file because....
 - A. It has layers
 - B. It can only be open with the photoshop app.
 - C. It can be saved as other file formats
 - D. All of the above are true.
5. The _____ tool is used as a separator design element and it's thickness is measured in _____.
 - A. Line, pixels
 - B. Line, centimeters
 - C. Shape, pixels
 - D. Line, inches
6. What two keystroke shortcut allows you to create a layer group?
 - A. Control + Shift + G
 - B. Control + Alt + G
 - C. Control + Shift + Alt + G
 - D. Control + G
7. _____ keystroke will set my default colors and _____ keystroke will flip (swap) them.
 - A. X, D
 - B. C, X
 - C. D, X
 - D. A, B
8. You know Alt+Control+Z will undo multiple steps backwards by stepping backward. What 3 stroke shortcut is used in stepping forward?
 - A. Shift+Control+F
 - B. Alt+Shift+F
 - C. Alt+Control+F
 - D. Shift+Control+Z
9. What type of selection is made so that the previously unselected part of the image is selected ?
 - A. Modified
 - B. Inversed
 - C. Selected
 - D. Inverted
10. The _____ command (Control+I) converts a color image to grayscale values.
 - A. Modified
 - B. Invert
 - C. Diverse
 - D. Desaturate
11. By definition, a _____ is the combining of two images together to create a third.
 - A. Layering
 - B. Merging
 - C. Flattening
 - D. Composition
12. All of the following are locations where you can change Blending Modes except....
 - A. Layer styles
 - B. Image adjustments
 - C. Brushes
 - D. Adjustments panel


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7M (20/20) + 05 = total mark - 25
2019-2020

E. G. S. Pillay
K. Gayathri

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S. Sasireha

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 - B. Invert
 - C. Diverse
 - D. Desaturate
- 11. By definition, a _____ is the combining of two images together to create a third.
 - A. Layering
 - B. Merging
 - C. Flattening
 - D. Composition
- 12. All of the following are locations where you can change Blending Modes except...
 - A. Layer styles
 - B. Image adjustments
 - C. Brushes
 - D. Adjustments panel

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 MCA

VALUE ADDED COURSE ON "1704CA211- PHOTOSHOP"

ACADEMIC YEAR-2019-2020, I MCA STUDENTS II SEM BATCH (2019-2022)

S.NO	REGISTER NO	STUDENT NAME	Test1 Mark	Test2 Mark	Final Marks
1	E19CAR002	Gayathri K	25	25	50
2	E19CAR003	Kalaiselvi T	25	25	50
3	E19CAR004	Navaneethkrishnan R	25	25	50
4	E19CAR005	Raguvaran R	25	25	50
5	E19CAR006	Ranjithkumar R	24	24	48
6	E19CAR007	Sanakaradevi R	25	25	50
7	E19CAR008	Sasikumar D	24	25	49
8	E19CAR009	Sasireha S	25	25	50

CO-Ordinator Signature


Dr. C. MALLIKA

Associate Professor

Department of MCA

E.G.S. Pillay Engineering College

Nagapattinam - 611 002.


HOD/MCA


Dr. J. VANITHA

Head of the Department

Department of MCA

E.G.S. Pillay Engineering College

Nagapattinam - 611 002.


Dr. S. RAMADALAN, M.E., Ph.D.
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E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

VALUE ADDED COURSE ON "1704CA211- PHOTOSHOP"

CO-PO -PSO MAPPING

- I. Use advanced functions and productivity tools to assist in developing worksheets
- II. Manipulate data lists using Outline, Auto filter and PivotTables
- III. Use Consolidation to summaries and report results from multiple worksheets
- IV. Record repetitive tasks by creating Macros
- V. Use Hyperlinks to move around worksheets.

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11	PO12	PSO 1	PSO 2
C01	-	-	3	3	3	-	-	-	-	2	-	2	2	2
C02	-	-	3	3	3	-	-	-	-	2	-	2	2	2
C03	-	-	3	3	3	-	-	-	-	2	-	2	2	2
C04	-	-	3	3	3	-	-	-	-	2	-	2	2	2
C05	-	-	3	3	3	-	-	-	-	2	-	2	2	2
Average	-	-	3	3	3	-	-	-	-	2	-	2	2	2

1. Slight (Low) 2. Moderate (Medium) 3. Substantial (High) "-No Correlation


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+91-4365-251112 | +91-4365-251114

Course Code: 3806

Old Nagore Road, Thethi, Nagapattinam - 611002, Tamil Nadu NIR Engineering Ranking Top 200 in India

Name of the Participant

Date: 21.01.2018 to 26.01.2018

FEEDBACK FORM

VALUE ADDED COURSE ON "1704CA211-PHOTOSHOP"

EgCAR003 - T. Kalaiselvi

S.No	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation	✓				
4	Regularity and punctuality of teacher	✓				
5	Coverage of syllabus	✓				
6	Interaction	✓				
7	Individual attention	✓				
8	Outcome	✓				
9	Other suggestions	<i>V.G.</i>				


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Counselling Code : 3806

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Name of the Participant

Date: 21.01.2018 to 26.01.2018

FEEDBACK FORM

VALUE ADDED COURSE ON "1704CA211-PHOTOSHOP"

Elgcaroo5 - Raguvaran

S.No	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation	✓				
4	Regularity and punctuality of teacher			✓		
5	Coverage of syllabus	✓				
6	Interaction		✓			
7	Individual attention	✓				
8	Outcome	✓				
9	Other suggestions	✓				

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

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Name of the Participant


Date: 21.01.2018 to 26.01.2018

FEEDBACK FORM

VALUE ADDED COURSE ON "1704CA211-PHOTOSHOP"

EI9CAR009 - Sasireha.

S.No	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content		✓	✓		
2	Skill development		✓	✓		
3	Motivation		✓	✓		
4	Regularity and punctuality of teacher	✓				
5	Coverage of syllabus	✓				
6	Interaction		✓			
7	Individual attention	✓				
8	Outcome		✓			
9	Other suggestions		✓			


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Name of the Participant

Date: 21.01.2018 to 26.01.2018

FEEDBACK FORM

VALUE ADDED COURSE ON "1704CA211-PHOTOSHOP"

Egca 2002 - K. Gayathri

S.No	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content		✓			
2	Skill development		✓			
3	Motivation		✓			
4	Regularity and punctuality of teacher		✓			
5	Coverage of syllabus		✓			
6	Interaction		✓			
7	Individual attention		✓			
8	Outcome		✓			
9	Other suggestions		✓			


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Old Nagore Road, Theithi, Nagapattinam - 611002, Tamil Nadu near Engineering Parking Top 200 m in

DEPARTMENT OF MCA

VALUE ADDED COURSE ON "1704CA211-PHOTOSHOP"

CERTIFICATE

This is certify Ms. KALAISELVI T(E19CAR003) OF I MCA has Attended Value Added Course on "1704CA211-PHOTOSHOP" from 21.01.2019 to 26.01.2019 and completed the course successfully

Mrs. C.MALLIKA AP/MCA
Coordinator



Mrs. J.VANITHA
Assoc Prof/HOD/MCA
CONVENER

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Counseling Code: 3806

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DEPARTMENT OF MCA

VALUE ADDED COURSE ON "1704CA211-PHOTOSHOP"

CERTIFICATE

This is certify Mr. RANJITHKUMAR R(E19CAR006) OF IMCA has Attended Value Added Course on "1704CA211-PHOTOSHOP" from 21.01.2019 to 26.01.2019 and completed the course successfully

(Signature)

Mrs. C.MALLIKA AP/MCA
Coordinator

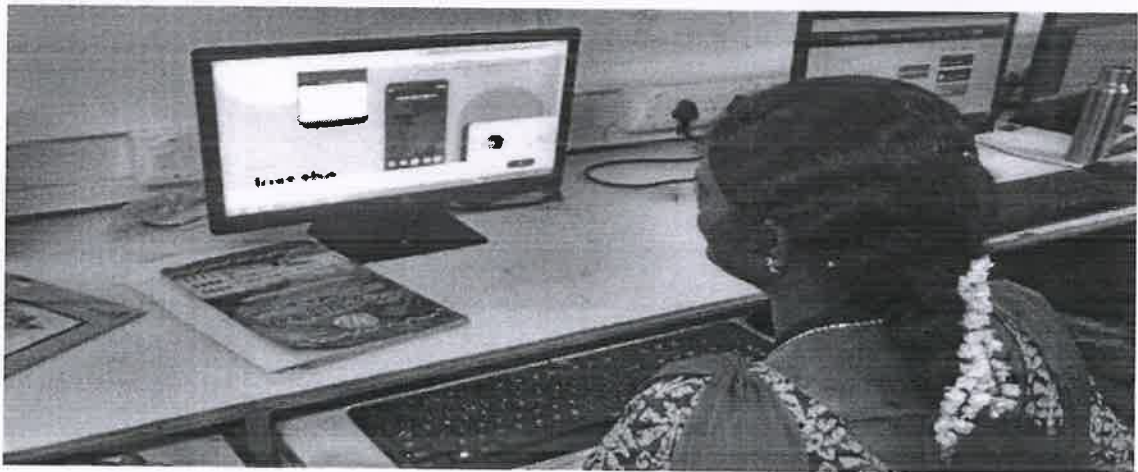


(Signature)

Mrs. J.VANITHA
Assoc Prof/HOD/MCA
CONVENER

VALUE ADDED COURSE ON "1704CA211- Photoshop"

SAMPLE PHOTO




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101 4265 2611191 101 4265 261114

DEPARTMENT OF MCA

VALUE ADDED COURSE ON "PHP WITH MY BOOTSTRAP"



Date : 06.07.2020 to 11.07.2020

Core PHP  PHP Framework




Coordinator

1. Mrs. C.Mallika Assoc., Prof/MCA
2. Mrs. S.Visalatchy Assistant Pro/MCA

Convener

Dr. J.Vanitha
Prof/MCA


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DEPARTMENT OF MCA

VALUE ADDED COURSE ON "PHP WITH MY BOOTSTRAP"



Date : 06.07.2020 to 11.07.2020



Coordinator

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2. Mrs. S.Visalatchy Assistant Pro/MCA

Convener

Dr. J.Vanitha
Prof/MCA

Dr. S. RAJAGALAN, M.E., Ph.D.,
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E.G.S. PILLAY ENGINEERING COLLEGE(AUTONOMOUS)

DEPARTMENT OF COMPUTER APPLICATIONS

VALUE ADDED COURSE ON "PHP with My Bootstrap"

S.No	Content	Page No
1.	Requisition letter	1
2.	Brochure	2
3.	Circular	3
4.	Program Schedule	4
5.	Report	5
6.	Syllabus	6
7.	Student Attendance	7
8.	Material	9
9.	Test Questions	10
10.	Sample Test Paper	11
11.	Mark Statement	13
12.	CO's & PO Mapping	15
13.	Feedback	16
14.	Sample Certificate	17
15.	Sample Photo	19


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

From

Mrs. C.MALLIKA
Associate Professor/MCA
Department of MCA,
E.G.S Pillay Engineering College,
Nagapattinam.

To

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

Through

The HOD,
Department of MCA,
E.G.S Pillay Engineering College,
Nagapattinam.



Respected Sir


Sub: Valued Added Course -Reg

We are happy to inform you that we planned to organize one week value added course title on "PHP with My Bootstrap" for III year Students from 06.07.2020 to 11.07.2020. Herewith we enclose name list, Session details. Kindly give permission for conducting value added course.

Thanking you

Yours truly


[Mrs.C.MALLIKA]


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Institution

NAGAPATTINAM - 611002 TAMIL NADU INDIA

Ph: 04365-251112 / 251114 | E-mail: enquires@egspeg.org | Website:

www.egspeg.org

One Week Valued Course on
"PHP with My Bootstrap"

06.07.2020 to 11.07.2020

(Venue: **SOFT VIEW LAB**)

Time: **09.00 A.M to 5.00PM**

Organized by

Department of MCA

E.G.S. Pillay Engineering College,

Nagapattinam- 611002

www.egspeg.org



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

ABOUT THE INSTITUTION

E G S Pillay Engineering College is one of the pioneering non - grant engineering Colleges in the State. It was established by the E G S Pillay & Sons Educational & Charitable Trust, Nagapattinam in the year 1995 with the sanction of the Government of Tamilnadu approval of the All India Council for Technical Education, New Delhi and affiliation to Bharathidasan University, Tiruchirapalli. Its courses are affiliated to Anna University, Chennai from 2002 and the degrees are awarded by Anna University, as per the Government Orders. The College has earned the reputation of being one of the most preferred colleges by the students and parents all these years. Known for its excellent infrastructure and facilities for learning, the outstanding non - grant engineering college has registered impressive performance consistently. A gate-way to success, the college has now set on long-range planning to enlarge and enrich its programs and activities to empower the youth who aspire to become successful Engineers, Scientists and Managers. The College has earned the reputation of being one of the most preferred colleges by the students and parents all these years. Known for its excellent infrastructure and facilities for learning, the outstanding non-grant engineering college has registered impressive performance consistently. A gate-way to success, the college has now set on long-range planning to enlarge and enrich its programs and activities to become successful Engineers, Scientists and Managers. The college approved by AICTE-New Delhi, affiliated to Anna University-Chennai, recognized by UGC Act 2(f) &12(B) and accredited by NAAC with 'A' Grade and NBA for three Departments (B.E-CSE/EEE/MECH).

DEPARTMENT PROFILE

The department of computer applications focuses on making industry ready IT professionals by imparting quality computer education along with excellent interpersonal skills. It offers 3 years Full time MCA course to the students. Started in the year of 2001, the course was approved by Bharathidasan University, Tiruchirapalli. In 2003, Anna University, Chennai recognized and approved the course. The current intake of students is 60 per academic year.

OBJECTIVES

The value added course aim to provide additional learner centric graded skill oriented technical training with the primary objectives of improving the employability skills of students. The main objectives of the program are to provide students an understanding of the expectations of industry

OUTCOMES

- Analyze PHP scripts and determine their behavior.
- Construct PHP scripts to create dynamic web content.
- Create PHP scripts capable of inserting and modifying data in a MySQL database
- Design web pages with the ability to retrieve and present data from a MySQL database.

CHIEF PATRONS

Mrs.Jothimani G.S. Pillay,
Chairman.

Shri.S.Paramesvaran,M.Com.,
FCCA(London), Secretary.

PATRONS

Dr. S. Ramabalan, M.E., Ph.D.,
Principal.

Dr.M.Chinnadurai,M.E.,Ph.D
Professor/CSE

CONVENER

Mrs.J.Vanitha, MCA,M.Phil.,(Ph.D)
Associate Professor/MCA

CO-ORDINATOR

1. Mrs C Mallika
MCA,MBA,M.Phil.,(Ph.D.,)
2. Mrs.S.Visalathcy MCA.

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

DEPARTMENT OF MCA

CIRCULAR

Date : .04.07 .2020

It is proposed to conduct a value added course on " PHP with My Bootstrap"
"from 06.07.2020 to 11.07.2020 for MCA students. There is no registration fee.
Certificates will be provided for those who attend the course.



Coordinator

Dr.C.MALLIKA

Associate Professor
Department of MCA

E.G.S. Pillay Engineering College
Nagapattinam - 611 002:



HOD/MCA

Dr. J. VANITHA, MCA.,M.Phil.,Ph.D.,

Professor / HOD

Department of MCA

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



Principal



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. PILLAR ENGINEERING COLLEGE(AUTONOMOUS)
DEPARTMENT OF COMPUTER APPLICATIONS
VALUE ADDED COURSE ON" PHP WITH MY BOOTSTRAP "2019-2020
PROGRAM SCHEDULE
VENUE: SOFT VIEW LAB**

Date: 15.10.2018 to 21.10.2018

Date/ Session	I Session 10.00 A.M. to 11.00 A.M	II Session 11.15 A.M. to 01.00 P.M	III Session 02.00 P.M. to 03.00 P.M.	IV Session 3.00 P.M. to 5.00 P.M.
06.07.2020	Inaugural Function	Introduction PHP, Fundamentals, PHP Arrays, PHP Functions,	PHP Framework	Hand session
07.07.2020	PHP Forms, PHP Cookies & PHP Sessions	PHP Strings Handling - Mongo DB-Service Handling,	Bootstrap,JavaScript,	Hand session
08.07.2020	AJAX-Regular Expression Assessments	SQL Joins,WritingProcedures, Queries	Error Handling	Hand session
09.07.2020	Exporting CSV data	Advanced MySQL Joins	Hand session	Hand session
10.07.2020	CASE STUDY	CASE STUDY	Hand session	Hand session
11.07.2020	Developing Project	Developing Project	Developing Project	Certificate Distribution


COORDINATOR

Dr. C. MALLIKA
Associate Professor
Department of MCA
E.G.S. Pillay Engineering College
Nagapattinam - 611 002.


Professor / HOD
Department of MCA
E.G.S. Pillay Engineering College,
Nagapattinam (Dt) Tamil Nadu.



HOD/MCA

Dr. J. VANITHA, MCA., M.Phil., Ph.D.,
Professor / HOD
Department of MCA
E.G.S. Pillay Engineering College, (Autonomous)
Nagapattinam.

**E.G.S. PILLAY ENGINEERING COLLEGE(AUTONOMOUS)
DEPARTMENT OF MCA
VALUE ADDED COURSE ON" PHP WITH MY BOOTSTRAP"
Report**

Department of Computer Applications organized a 4 Ohrs value added course on " PHP with My Bootstrap" for MCA 5th semester students from 06.07.2020 to 11.07.2020 , Timing 9.00 Am to 5.00 Pm in MCA (Soft view Lab). A total of 57 students attended the course.. The topics were delivered and demonstrated by course instructors Mr. Senthil Trichyl , NIIT center. students MCA attended the workshop and they learnt about Basic PHP Programming, My SQL Database, PHP, HTML and My SQL Connectivity. At last Students were introduced with an e-Commerce project and its features. Resource persons explained the code of functionalities of the project; Students also do hands on practice of some web development framework. Students were given necessary course material and a participation certificate in association NIIT. The workshop was a great success




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

**DEPARTMENT OF MCA
VALUE ADDED COURSE ON "PHP WITH MYSQL"**

SYLLABUS

PHP with My Bootstrap

COURSE OBJECTIVES:

1. To train the students to develop the application using server side programming on the web.

DAY I	PHP FUNDAMENTALS	08 Hours
Introduction - PHP Fundamentals - PHP Arrays - PHP Functions- PHP Framework		
DAY II	PHP COOKIES	08 Hours
PHP Forms - PHP Cookies & PHP Sessions - PHP Strings Handling - Mongo DB-Service Handling, Bootstrap, JavaScript, AJAX- Regular Expression Assessments		
DAY III	SQL QUERIES	08 Hours
Basic MySQL, Simple SQL queries - Advanced SQL query building - SQL Functions-SQL Joins, Writing Procedures, Queries - Error Handling		
DAY IV	FUNCTIONS	08 Hours
Importing , Exporting CSV data - Advanced MySQL Joins , Full Text Search		
DAY V	CASE STUDY	08 Hours
Projects		

TOTAL: 40 HOURS

1. Analyze PHP scripts and determine their behavior.
2. Construct PHP scripts to create dynamic web content.
3. Create PHP scripts capable of inserting and modifying data in a MySQL database.
4. Design web pages with the ability to retrieve and present data from a MySQL database.


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

NAGAPATTINAM

DEPARTMENT OF COMPUTE R APPLICATIONS

VALUE ADDED COURSE ON ANGULAR JS VS REACT JS

ACADEMIC YEAR-2019-2020, II MCA STUDENTS III SEM BATCH (2018-2021)

S.NO	REGISTER NO	STUDENT NAME						
			06.07.20	07.07.20	08.07.20	09.07.20	10.07.20	11.7.20
1	E18CAR001	Aravinda V	Aravinda	Aravinda	Aravinda	Aravinda	Aravinda	A
2	E18CAR002	Brundha R	Brundha	Brundha	Brundha	Brundha	Brundha	Brundha
3	E18CAR003	Elamparvathi E	Elamp	A	Elamp	Elamp	Elamp	Elamp
4	E18CAR004	Geetha S	Geetha	Geetha	Geetha	Geetha	Geetha	Geetha
5	E18CAR005	Jafrin J	Jafrin	Jafrin	Jafrin	Jafrin	Jafrin	Jafrin
6	E18CAR006	Janisha M	Janisha	Janisha	Janisha	Janisha	Janisha	A
7	E18CAR007	Lakshmi Bharathi T	A	Lakshmi	Lakshmi	Lakshmi	Lakshmi	Lakshmi
8	E18CAR008	Nandhini L	Nandhini	Nandhini	Nandhini	Nandhini	Nandhini	Nandhini
9	E18CAR009	Nivegeetha E	Nivegeetha	Nivegeetha	Nivegeetha	Nivegeetha	Nivegeetha	Nivegeetha
10	E18CAR010	Saranraj M	Saranraj	Saranraj	Saranraj	Saranraj	Saranraj	Saranraj
11	E18CAR011	Sathiyapriya A	Sathiyapriya	A	Sathiyapriya	Sathiyapriya	Sathiyapriya	Sathiyapriya
12	E18CAR012	Seetha S	Seetha	Seetha	Seetha	Seetha	Seetha	Seetha
13	E18CAR013	Sivasakthivel R	Sivasakthivel	Sivasakthivel	Sivasakthivel	Sivasakthivel	Sivasakthivel	Sivasakthivel
14	E18CAR014	Suvathika M	Suvathika	Suvathika	Suvathika	Suvathika	Suvathika	Suvathika
15	E18CAL301	Adithya V	Adithya	Adithya	Adithya	Adithya	Adithya	Adithya
16	E18CAL302	Aiswarya T	Aiswarya	Aiswarya	A	Aiswarya	Aiswarya	Aiswarya
17	E18CAL303	Akalya P	Akalya	Akalya	Akalya	Akalya	Akalya	Akalya
18	E18CAL304	Aravindhan V	Aravindhan	Aravindhan	Aravindhan	Aravindhan	Aravindhan	Aravindhan
19	E18CAL305	Atchaya G	Atchaya	Atchaya	Atchaya	Atchaya	Atchaya	Atchaya
20	E18CAL306	Bharathi R	Bharathi	Bharathi	Bharathi	Bharathi	Bharathi	Bharathi
21	E18CAL307	Bhuvaneshwari M	Bhuvaneshwari	Bhuvaneshwari	Bhuvaneshwari	Bhuvaneshwari	Bhuvaneshwari	Bhuvaneshwari
22	E18CAL308	Buvana M	Buvana	Buvana	Buvana	Buvana	Buvana	Buvana
23	E18CAL309	Deepa V	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa
24	E18CAL310	Dhivagar G	Dhivagar	Dhivagar	Dhivagar	Dhivagar	Dhivagar	Dhivagar
25	E18CAL311	Dhivya R	Dhivya	Dhivya	Dhivya	Dhivya	Dhivya	Dhivya
26	E18CAL312	Divakar D	Divakar	Divakar	Divakar	Divakar	Divakar	Divakar
27	E18CAL313	Divya A	Divya	Divya	Divya	Divya	Divya	Divya
28	E18CAL314	Durgadevi M	Durgadevi	Durgadevi	Durgadevi	Durgadevi	Durgadevi	Durgadevi
29	E18CAL315	Gayathri J	Gayathri	Gayathri	Gayathri	Gayathri	Gayathri	Gayathri
30	E18CAL316	Gowri R	Gowri	Gowri	Gowri	Gowri	Gowri	Gowri
31	E18CAL317	Harini S	Harini	Harini	Harini	Harini	Harini	Harini
32	E18CAL318	Iswarya K	Iswarya	Iswarya	A	Iswarya	Iswarya	Iswarya
33	E18CAL319	Janani P	Janani	Janani	Janani	Janani	Janani	Janani
34	E18CAL320	Karishma R	Karishma	Karishma	Karishma	Karishma	Karishma	Karishma
35	E18CAL321	Kavimalar M	Kavimalar	Kavimalar	Kavimalar	Kavimalar	Kavimalar	Kavimalar
36	E18CAL322	Kaviya V	Kaviya	Kaviya	Kaviya	Kaviya	Kaviya	Kaviya
37	E18CAL323	Keerthana K	Keerthana	Keerthana	Keerthana	A	Keerthana	Keerthana
38	E18CAL324	Keerthi Priya M	A	Keerthi Priya	Keerthi Priya	Keerthi Priya	Keerthi Priya	Keerthi Priya
39	E18CAL325	Lavanya K	Lavanya	A	Lavanya	Lavanya	Lavanya	Lavanya
40	E18CAL326	Mamtha S	Mamtha	Mamtha	Mamtha	Mamtha	A	Mamtha

Handwritten signatures and initials in blue ink across the bottom of the table.

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41	E18CAL327	Manisha S	manisha	manisha	manisha	manisha	manisha	manisha
42	E18CAL328	Mohamed Naina Maricar M J	M.J.mij	M.J.mij	M.J.mij	A	M.J.mij	M.J.mij
43	E18CAL329	Monisha T	monisha	monisha	monisha	monisha	monisha	monisha
44	E18CAL330	Mukesh Priya M	mupriya	mupriya	mupriya	mupriya	mupriya	mupriya
45	E18CAL331	Nanthini K	Nanthini	Nanthini	Nanthini	Nanthini	Nanthini	Nanthini
46	E18CAL332	Narmadha S	Narmadha	Narmadha	Narmadha	Narmadha	Narmadha	Narmadha
47	E18CAL333	Pavithra E	pavi	pavi	pavi	pavi	pavi	pavi
48	E18CAL334	Puvanitha P	Puvanitha	Puvanitha	Puvanitha	Puvanitha	A	Puvanitha
49	E18CAL335	Raja R	Raja	Raja	Raja	Raja	Raja	Raja
50	E18CAL336	Rajeshwari V	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari
51	E18CAL337	Ramya V	Ramya	Ramya	Ramya	Ramya	Ramya	Ramya
52	E18CAL338	Sandhya V	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya
53	E18CAL339	Sathesh R	Sathesh	Sathesh	Sathesh	Sathesh	Sathesh	Sathesh
54	E18CAL340	Selvanila P	Selva	Selva	Selva	Selva	Selva	Selva
55	E18CAL341	Siva Shangari A	Sivashangari	Sivashangari	A	Sivashangari	Sivashangari	Sivashangari
56	E18CAL342	Sivaraj R	Sivaraj	Sivaraj	Sivaraj	Sivaraj	Sivaraj	Sivaraj
57	E18CAL343	Sivaranjani S B	Sivaranjani	Sivaranjani	Sivaranjani	A	Sivaranjani	Sivaranjani
58	E18CAL344	Sowmiya V	Sowmiya	Sowmiya	Sowmiya	Sowmiya	Sowmiya	Sowmiya
59	E18CAL345	Subalakshmi C	Suba	Suba	Suba	Suba	Suba	Suba
60	E18CAL346	Sujatha S	Sujatha	Sujatha	Sujatha	Sujatha	Sujatha	Sujatha
61	E18CAL347	Sujitha S	Sujitha	Sujitha	Sujitha	Sujitha	Sujitha	Sujitha
62	E18CAL348	Vaishali S	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali

CO-Ordinator Signature

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```
<div class="col-*-*"></div>
<div class="col-*-*"></div>
</div>
<div class="row">
  ...</div>
```

First, create a row (<div class="row">). Then, add the desired number of columns (tags with appropriate .col-*-* classes). Note that numbers in .col-*-* should always add up to 12 for each row.

Below we have collected some examples of basic Bootstrap grid layouts.

Three Equal Columns

```
.col-sm-4
.col-sm-4
.col-sm-4
```

The following example shows how to get a three equal-width columns starting at tablets and scaling to large desktops. On mobile phones or screens that are less than 768px wide, the columns will automatically stack:

Example

```
<div class="row">
  <div class="col-sm-4">.col-sm-4</div>
  <div class="col-sm-4">.col-sm-4</div>
  <div class="col-sm-4">.col-sm-4</div>
</div>
```

Two Unequal Columns

```
.col-sm-4
.col-sm-8
```

The following example shows how to get two various-width columns starting at tablets and scaling to large desktops:

Example

```
<div class="row">
  <div class="col-sm-4">.col-sm-4</div>
  <div class="col-sm-8">.col-sm-8</div>
</div>
```


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E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)
DEPARTMENT OF MCA
TEST QUESTION

1. PHP is an acronym for ____.

- A. Prefix Hypertext Preprocessor
- B. Prototype Hypertext Preprocessor
- C. Hypertext Preprocessor
- D. PHP: Hypertext Preprocessor

What is the extension of a PHP file?

- A. .php
- B. .ph
- C. .phpfile
- D. All of the above

4. Who developed PHP?

- A. Guido van Rossum
- B. RasmusLerdorf
- C. Jesse James Garrett
- D. Douglas Crockford

5. In which year PHP was developed?

- A. 1993
- B. 1994
- C. 1995
- D. 1996

6. A PHP script starts with ____ and ends with ____.


- A. <?php and ?>
- B. <php> and </php>
- C. <?php and /?php>
- D. </php and />

7. PHP keywords are case-sensitive?

- A. Yes
- B. No

8. Single line comments can be placed in PHP script by using which symbol?

- A. //
- B. #


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C. \$

D. Both A. and B.

9. Multi-line comments can be written within the ____.

A. // and //

B. ## and ##

C. /* and */

D. /// and ///

10. PHP statements end with a ____.

A. semicolon (;)

B. colon (:)

C. dot (.)

D. comma (,)

11. Write a PHP program to perform a factorial of given number?(5 Marks)

12. Write a Fibonacci series to perform a given number?(5 Marks)

u) Fibonacci Series:-

```
<?php
```

```
$ num = 0;
```

```
$ n1 = 0;
```

```
$ n2 = 0;
```

```
echo <h3> Fibonacci series for first 12 numbers! </h3>;
```

```
echo "\n";
```

```
while ($ num < 10) {
```

```
$ n3 = $ n2 + $ n1;
```

```
echo $ n3 ' ';
```

```
$ n1 = $ n2;
```

```
$ n2 = $ n3;
```

```
$ num = $ num + 1;
```

```
?>
```


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NAGAPATTINAM

DEPARTMENT OF COMPUTE R APPLICATIONS

VALUE ADDED COURSE ON PHP with My Bootstrap

ACADEMIC YEAR-2019-2020, II MCA STUDENTS IV SEM BATCH (2018-2021)

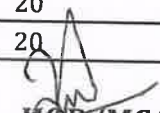
S.NO	REGISTER NO	STUDENT NAME	TEST MARK
1	E18CAR001	Aravinda V	19
2	E18CAR002	Brundha R	20
3	E18CAR003	Elamparvathi E	18
4	E18CAR004	Geetha S	18
5	E18CAR005	Jafrin J	20
6	E18CAR006	Janisha M	19
7	E18CAR007	Lakshmi Bharathi T	20
8	E18CAR008	Nandhini L	20
9	E18CAR009	Nivegeetha E	19
10	E18CAR010	Saranraj M	20
11	E18CAR011	Sathiyapriya A	20
12	E18CAR012	Seetha S	19
13	E18CAR013	Sivasakthivel R	20
14	E18CAR014	Suvathika M	20
15	E18CAL301	Adithya V	20
16	E18CAL302	Aiswarya T	19
17	E18CAL303	Akalya P	20
18	E18CAL304	Aravindhan V	18
19	E18CAL305	Atchaya G	20
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22	E18CAL308	Buvana M	20
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25	E18CAL311	Dhivya R	20
26	E18CAL312	Divakar D	18
27	E18CAL313	Divya A	20
28	E18CAL314	Durgadevi M	20
29	E18CAL315	Gayathri J	18
30	E18CAL316	Gowri R	20
31	E18CAL317	Harini S	20
32	E18CAL318	Iswarya K	20
33	E18CAL319	Janani P	20
34	E18CAL320	Karishma R	20
35	E18CAL321	Kavimalar M	20
36	E18CAL322	Kaviya V	20
37	E18CAL323	Keerthana K	20
38	E18CAL324	Keerthi Priya M	20
39	E18CAL325	Lavanya K	17
40	E18CAL326	Mamtha S	20


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62	E18CAL348	Vaishali S	20


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E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)
DEPARTMENT OF MCA
VALUE ADDED COURSE ON “PHP with My Bootstrap”

- i. Analyze PHP scripts and determine their behavior.
- ii. Construct PHP scripts to create dynamic web content.
- iii. Create PHP scripts capable of inserting and modifying data in a MySQL database
- iv. . Design web pages with the ability to retrieve and present data from a MySQL database.

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11	PO12	PSO 1	PSO 2
C01	2	3	3		3	-	-	-	-	-	-	-	2	2
C02	2	3	3		3	-	-	-	-	-	-	-	2	2
C03	2	3	3		3	-	-	-	-	-	-	-	2	2
C04	2	3	3		3	-	-	-	-	-	-	-	2	2
Average	2	3	3		3	-	-	-	-	-	-	-	2	2

1. Slight (Low) 2. Moderate (Medium) 3. Substantial (High) “-“No Correlation


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 Kanyakumari (D.) Tamil Nadu.

E.G.S.PILLAY ENGINEERING COLLEGE(AUTONOMOUS)
STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES


Kavimalai. M
EISCAL321

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S.No	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development		✓			
3	Motivation		✓			
4	Regularity and punctuality of teacher	✓				
5	Coverage of syllabus		✓			
6	Interaction		✓			
7	Individual attention		✓			
8	Outcome	✓				
9	Other suggestions		✓			


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STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Nandhini L
EBCAR008

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S.No	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content		✓			
2	Skill development	✓				
3	Motivation	✓				
4	Regularity and punctuality of teacher		✓			
5	Coverage of syllabus		✓			
6	Interaction	✓				
7	Individual attention		✓			
8	Outcome		✓			
9	Other suggestions		✓			


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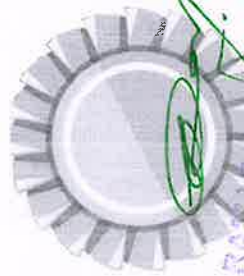
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DEPARTMENT OF MCA VALUE ADDED COURSE ON "LINUX"

Certificate

This is certify that **Mr/Ms Raja R E18CAL335** of **II MCA** has Attended Value Added Course on "PHP with My Bootstrap " from **06.07.2020** to **11.07.2020** and completed the course successfully.

Mrs.C.MALLIKA AP/MCA



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PROFESSOR/HOD/MCA
CONVENER

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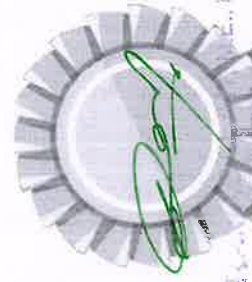
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Certificate

This is certify that **Mr/Ms Lavanya K E18CAL325** of **II MCA** has Attended Value Added Course on "PHP with My Bootstrap " from **06.07.2020** to **11.07.2020** and completed the course successfully.

Mrs.C.MALLIKA AP/MCA

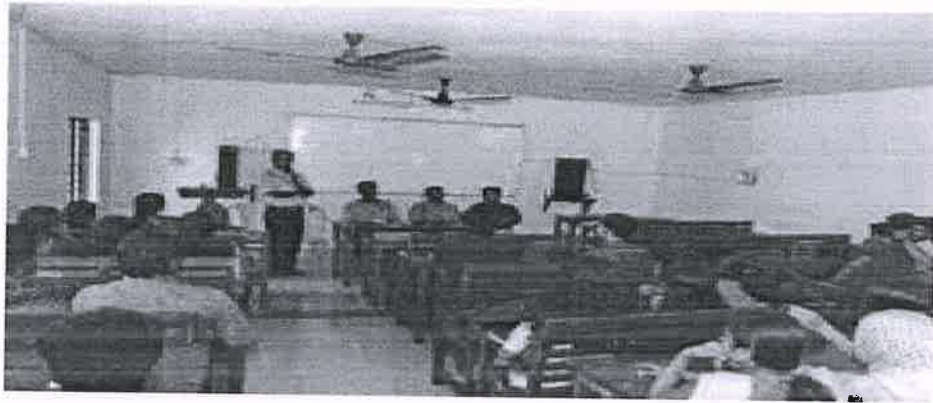


Dr. S. J. ...

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SAMPLE PHOTO



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DEPARTMENT OF MCA

VALUE ADDED COURSE ON “.NET Frame Work”



DATE: 20.07.2020 TO 25.07.2020

Coordinator

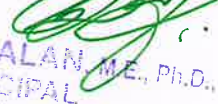
1. Mr. P.ARUNKUMAR AP/MCA

2. Mr. SELAVAGANPATHY AP/MCA

Convener

Dr.J.VANITHA

Professor/MCA/HOD


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DEPARTMENT OF MCA VALUE ADDED COURSE ON "ASP.NET"

S.No	Content	Page No
1.	Requisition letter	1
2.	Brochure	2
3.	Circular	3
4.	Program Schedule	4
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13	Sample Certificate	15
14	Sample Photo	17


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From

Mr.P.Arunkumar
Assistant Professor/MCA
Department of MCA,
E.G.S Pillay Engineering College,
Nagapattinam.

To

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

Through

The HOD,
Department of MCA,
E.G.S Pillay Engineering College,
Nagapattinam.


18/7/20

Respected Sir

Sub: Valued Added Course –Reg

We are happy to inform you that we planned to organize one week value added course title on “ASP.NET” for II Year Students from 20.07.2020 TO 25.07.2020. Herewith we enclose name list, Session details. Kindly give permission for conducting value added course.

Thanking you

Yours truly


[Mr. P. ARUNKUMAR]


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

DEPARTMENT OF MCA

CIRCULAR

Date : .19.07.2020

It is proposed to conduct a value added course on "ASP.NET" "from **20.07.2020 TO 25.07.2020** for II year students. There is no registration fee. Certificates will be provided for those who attend the course.


Coordinator


HOD/MCA


Principal

S. SELVAGANAPATHY
Assistant Professor
Department of MCA
E.G.S. Pillay Engineering
Nagapattinam - 611 002.

Dr. J. VANITHA, MCA., M.Phil., Ph.D.,
Professor / HOD
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**DEPARTMENT OF COMPUTER APPLICATIONS
VALUE ADDED COURSE ON ".NET Frame work"
PROGRAM SCHEDULE
DEPARTMENT OF MCA
DEPARTMENT OF COMPUTER APPLICATIONS**

Date/ Session	I Session 9.00 A.M. to 11.00 A.M	II Session 11.15 A.M. to 01.00 P.M	III Session 02.00 P.M. to 03.00 P.M.	IV Session 3.00 P.M. to 5.00 P.M.
20.7.2020	Inaugural Fundamentals	OOPS, SQL Queries, Basics of Designing TOPS Technologies	OOPS , SQL Queries , Basics of Designing TOPS Technologies	Asp.net course - .NET FRAMEWORK
21.7.2020	Client And Server Standards , Programs in .Net	.Net Framework, 3 tier Architecture	CLR , .Net Core TOPS Technologies Asp.net course	JavaScript , Ajax TOPS Technologies Asp.net course
22.7.2020	ASP.NET , Standard Controls ,Data Controls	Input Validations , Input Validations	Master Pages , State Management	Hand on session
23.7.2020	ADO.Net Architecture	ADO.Net Disconnected Classes, Data table Object	Dataset Object, Using db Command Object, Connection classes	Hand on session
24.7.2020	Using the Execute nonquery Method, Using the Db Data Reader Object	Using Db Data adapter Object, Working with Data Source and Data Bound Controls	List Box ADO.Net Data Binding, TOPS Technologies Asp.net course	Hand on session
25.7.2020	Controls, Choosing Methods to Navigate Pages	Troubleshooting and Debugging Page and Application Exception Handling	State Management, Chart • C# • Connection String	Hand on session

[Signature]

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[Signature]
Coordinators

[Signature]

HOD/MCA

REPORT

Department of Computer Applications organized a 40hrs value added course on ".NET Frame Work" for MCA IV semester students from, 20.07.2020 TO 25.07.2020 Timing 9.00Am to 5.00Am in MCA (Soft view Lab). A total of 57 students attended the course. The topics were delivered and demonstrated by course instructors Mr. P.Arunkumar from E.G.S. Pillay Engineering College ,Nagapattinam.




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DEPARTMENT OF MCA
SYLLABUS
VALUE ADDED COURSE ON” .NET Frame Work”

S.No	SYLLABUS	Hours (40)
Day I	FUNDAMENTALS • OOPS • SQL Queries • Basics of Designing TOPSTechnologiesAsp.netcourse - .NET FRAMEWORK • Client And Server Standards • Programs in .Net • .Net Framework • 3 tier Architecture • CLR • .Net Core TOPSTechnologiesAsp.netcourse	8 Hrs
Day II	ASP.NET • Standard Controls • Data Controls • Input Validations • Input Validations • Master Pages • State Management • JavaScript • Ajax TOPSTechnologiesAsp.netcourse	8 Hrs
Day III	DATABASE CONNECTIVITY • ADO.Net Architecture • ADO.Net Disconnected Classes • Data table Object • Dataset Object • Using dbCommand Object • Connection classes • Using the Executenonquery Method • Using the DbDataReader Object • Using DbDataAdapter Object • Working with Data Source and Data Bound Controls • ListBox ADO.Net Data Binding -TOPSTechnologiesAsp.netcourse	8 Hrs
Day IV	APPLICABILITY TO INDUSTRY • Controls • Choosing Methods to Navigate Pages • Troubleshooting and Debugging Page and Application Exception Handling • State Management • Chart • C# • Connection String • Linq • Expressions • Web Services • Jquery • XML TOPSTechnologiesAsp.netcourse	8 Hrs
Day V	ADVANCED FEATURES • WPF • Silverlight • Crystal Reporting TOPSTechnologiesAsp.netcourse	8 Hrs


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NAGAPATTINAM

DEPARTMENT OF COMPUTE R APPLICATIONS

VALUE ADDED COURSE ON ".NET Frame Work

ACADEMIC YEAR-2019-2020, BATCH (2017-2019)

S.NO	REGISTER NO	STUDENT NAME	20.7.20	21.7.20	22.7.20	23.07.20	24.07.20	25.07.20
1	E17CAR001	Abirami.S	/	/	/	/	/	/
2	E17CAR005	Dhanushiya.R	/	/	/	/	/	/
3	E17CAR007	Gayathri.M	/	/	/	/	/	/
4	E17CAR008	Gunasekaran.S	/	/	/	/	/	/
5	E17CAR010	Joseph Arul Selvam.A	A	/	/	/	/	/
6	E17CAR011	Karpagam.A	/	/	/	/	/	/
7	E17CAR012	Kowsalya Devi.R	/	/	/	/	/	/
8	E17CAR013	Maheswari.P	/	/	/	/	/	/
9	E17CAR014	Mathubala.K	/	/	/	A	/	/
10	E17CAR016	Pavithra.A	/	/	/	/	/	/
11	E17CAR018	Priyadharshini.G	/	/	/	/	/	/
12	E17CAR021	Ranjith.J	/	/	A	/	/	/
13	E17CAR025	Sathish.H	/	/	/	/	/	/
14	E17CAR027	Soundharya.B	/	/	/	/	/	/
15	E17CAL301	Aarthi P	A	/	/	/	/	/
16	E17CAL302	Abarna S	/	/	/	/	/	/
17	E17CAL303	Agathiyan B	/	/	/	/	/	/
18	E17CAL304	Amirthameena S	/	A	A	/	/	/
19	E17CAL305	Anusha M	/	/	/	/	/	/
20	E17CAL306	Balamugunthan S	/	/	/	/	/	/
21	E17CAL307	Buvaneshwari S	/	/	/	/	/	/
22	E17CAL308	Daniyal .S	/	/	/	/	/	/
23	E17CAL309	Devibala M	/	/	/	/	/	/
24	E17CAL310	Durgabharathi S	/	/	/	/	/	/
25	E17CAL311	Eswari A	/	/	/	/	/	/
26	E17CAL312	Eswari G	/	/	/	/	/	/
27	E17CAL313	Gnanagayathiri S	/	/	/	/	/	/
28	E17CAL314	Gowsalya R	/	/	/	/	/	/
29	E17CAL315	Gurunilani S	/	/	/	/	A	/
30	E17CAL316	Hariharan S	A	/	/	/	/	/
31	E17CAL317	Hemasundari K	/	/	/	/	/	/
32	E17CAL318	Iswarya S	/	A	/	/	/	/
33	E17CAL319	Janane V S	/	/	/	/	/	/
34	E17CAL320	Jawahar B	/	/	/	/	/	/
35	E17CAL321	Kalaimathi V	/	/	/	A	/	/
36	E17CAL322	Karpagam S	/	/	/	/	/	/
37	E17CAL323	Keerthana	/	/	/	/	/	/
38	E17CAL324	Kowsalya G	/	/	A	/	/	/
39	E17CAL325	Madhubala M	/	/	/	/	/	/
40	E17CAL326	Mariyammal N	/	/	/	/	/	/
41	E17CAL327	Mathew John .S	/	/	/	/	/	A

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 PA E.G.S. PILLAY ENGINEERING COLLEGE,
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42	E17CAL328	Mohamed Ameerul Ashikeen S	/	/	/	/	/	/
43	E17CAL329	Mohamed Kowdal Azarudeen S	/	/	A	/	/	/
44	E17CAL330	Mohamed Mustafa T A	/	/	/	/	A	/
45	E17CAL331	Mohana sundharam A	/	/	/	/	/	/
46	E17CAL332	Muthukrishnan K	/	/	A	/	/	/
47	E17CAL333	Nandhini N	/	/	/	/	/	/
48	E17CAL334	Nivetha S	/	/	/	/	/	/
49	E17CAL335	Pavithra J	/	/	/	/	/	/
50	E17CAL336	Philip Farnardess	/	/	/	/	/	/
51	E17CAL337	Priya M	/	/	/	A	/	/
52	E17CAL338	Radhika S	/	/	/	/	/	/
53	E17CAL339	Ragupathi V	/	/	/	/	/	/
54	E17CAL340	Robika S	/	/	/	/	/	/
55	E17CAL341	Sanjana S	/	/	/	/	A	/
56	E17CAL342	Saranya R	/	/	/	/	/	/
57	E17CAL343	Sarumathi G	/	/	/	/	/	/
58	E17CAL344	Sathya T	/	A	/	/	/	A
59	E17CAL345	Suganthi L	/	/	/	/	/	/
60	E17CAL346	Sundharesan S	/	/	/	/	/	/
61	E17CAL347	Suthi D	/	/	/	/	/	/
62	E17CAL348	Swathi	/	/	A	/	/	/
63	E17CAL349	Tamil selvi S	/	/	/	A	/	/
64	E17CAL350	Uvasri R	/	/	/	/	/	/
65	E17CAL351	uvasridevi R	/	A	/	/	A	A
66	E17CAL352	Vinodhini G	/	/	/	/	/	/
67	E17CAL353	Vinothini K	/	/	/	/	/	/
68	E17CAL354	Yogeswari S	/	/	/	/	/	/

CO-Ordinator Signature

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Assistant Professor
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**DEPARTMENT OF MCA
VALUE ADDED COURSE ON ".NET Frame Work"
TEST QUESTIONS**

S Abarna
EI7CAL302

24

25

1. CLR is the .NET equivalent of ___.
(a) Java Virtual Machine
(b) Common Language Runtime ✓
(c) Common Type System
(d) Common Language Specification
2. The CLR is physically represented by an assembly named ___.
(a) Mscoree.dll
(b) Mcoree.dll
(c) Msoree.dll ✓
(d) Mscor.dll
3. SOAP stands for ___.
(a) Simple Object Access Program
(b) Simple Object Access Protocol ✓
(c) Simple Object Application Protocol
(d) Simple Object Account Protocol
4. The ___ language allows more than one method in a single class
(a) C# ✓
(b) J#
(c) C++
(d) C
5. In C#, a subroutine is called a ___.
(a) Function
(b) Metadata ✓
(c) Method
(d) Managed code
6. Boxing converts a value type on the stack to a ___ on the heap.
(a) Bool type
(b) Instance type ✓
(c) Class type
(d) Object type
7. UDDI stands for-
(a) Universal data description & integration ✓
(b) Universal datagram description implementations
(c) Universal description discover and integration
(d) Universal description data & integration
8. In C#, all binary operators are ___.
(a) Center-associative ✓
(b) Right-associative


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(c) Left-associative

(d) Top-associative

9. An ___ is a symbol that tells the computer to perform certain mathematical or logical manipulations.

(a) Operator

(b) Expression

(c) Condition

(d) Logic

10. A ___ is any valid C# variable ending with a colon.

(a) go to

(b) Label

(c) Logical

(d) Bitwise

11. C# has ___ operator, useful for making two-way decisions.

(a) Looping

(b) Functional

(c) Exponential

(d) Conditional

12. ___ causes the loop to continue with the next iteration after skipping any statements in between.

(a) Loop

(b) Exit

(c) Break

(d) Continue

13. An ___ is a group of contiguous or related data items that share a common name.

(a) Operator

(b) Integer

(c) Exponential

(d) Array

14. Arrays in C# are ___ objects

(a) Reference

(b) Logical

(c) Value

(d) Arithmetic

15. Multidimensional arrays are sometimes called ___ Arrays.

(a) Square

(b) Triangular

(c) Rectangular

(d) Cube

16. The formal parameter list is always enclosed in ___.

(a) Square


(b) Semicolon

(c) Parenthesis

(d) Colon

17. ___ variables are visible only in the block they are declared.

(a) System


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(b) Global

(c) Local

(d) Console

18.C# does not support __ constructors.

(a) Parameterized

(b) Parameter-less

(c) Class

(d) Method

19.A structure in C# provides a unique way of packing together data of __ types.

(a) Different

(b) Same

(c) Invoking

(d) Calling

20.Struct's data members are __ by default.

(a) Protected

(b) Public

(c) Private

(d) Default

21.A __ creates an object by copying variables from another object.

(a) Copy constructor

(b) Default constructor

(c) Invoking constructor

(d) Calling constructor

22.The methods that have the same name, but different parameter lists and different definitions is called__.

(a) Method Overloading

(b) Method Overriding

(c) Method Overwriting

(d) Method Overreading

23.The C# provides special methods known as __ methods to provide access to data members.

(a) Loop

(b) Functions

(c) Methods

(d) Accessor

24. When an instance method declaration includes the abstract modifier, the method is said to be an __.

(a) Abstract method

(b) Instance method

(c) Sealed method

(d) Expression method

25. The theory of __ implies that users can control access to a class, method, or variable.

(a) Data hiding

(b) Encapsulation

(c) Information Hiding

(d) Polymorphism


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FEEDBACK FORM

Name of the Participant: **Edwar. A**

Organization: **EMSPEC**

Date: **20.07.2020** TO **25.07.2020**

	Excellent	Good	Average
1. How was the course	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. How about practical session.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. In way the faculty delivers their speech .	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Over all how do you rate this function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Most helpful information and activity (about workshop) Very useful	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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FEEDBACK FORM

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Date: 20.07.2020 TO 25.07.2020

Organization: egspec

- | | Excellent | Good | Average |
|--|-------------------------------------|-------------------------------------|--------------------------|
| 1. How was the course | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. How about practical session. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. In way the faculty delivers their speech? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Over all how do you rate this function? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Most helpful information and activity (about workshop)
Very useful | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

R.P.V
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E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)
DEPARTMENT OF MCA
VALUE ADDED COURSE ON ".NET Frame Work"
CO-PO -PSO MAPPING

At the end of this Lab course students will be able to:

1. Create user interactive web pages using ASP.Net.
2. Create simple data binding applications using ADO.Net connectivity.
3. Performing Database operations for Windows Form and web applications.

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
CO1	2	2	-	-	2	-	-	3	-	-	2	-	2	2
CO2	2	2	-	-	2	-	-	3	-	-	2	-	2	2
CO3	2	2	-	-	2	-	-	3	-	-	2	-	2	2
Average	2	2	-	-	2	-	-	3	-	-	2	-	2	2

1. Slight (Low) 2. Moderate (Medium) 3. Substantial (High) “-“No Correlation


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SAMPLE PHOTO




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Mr. P. Arunkumar AP/MCA

COORDINATORS



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Dr. J. VANITHA

PROFESSOR/HOD/MCA

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