

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

Accredited by NBA(B.E-CSE,ECE,EEE,Mech,Civil/B.Tech-II)
Affiliated to Anna University, Chennai | Approved by AICTE, New Delhi



Accredited by NAAC with Grade 'A'
An ISO 9001:2015 Certified Institution | Recognised by UGC 2(f) & 12(B)

DEPARTMENT OF MCA

VALUE ADDED COURSE ON "BASICS PHP"



Date : 05.02.2018 to 11.02.2018



Coordinator

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

Convener

Mrs. J.Vanitha
Prof/MCA

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

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

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

DEPARTMENT OF COMPUTER APPLICATIONS

VALUE ADDED COURSE ON "BASICS PHP"

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NAGAPATTINAM - 611 002.

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 "BASICS PHP" for III year Students from 05/02/2018 to 11/02/2018. Herewith we enclose name list, Session details. Kindly give permission for conducting value added course.

Thanking you

Yours truly



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[Mrs. C.MALLIKA]

Dr. C. MALLIKA
Associate Professor
Department of MCA
E.G.S. Pillay Engineering College
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E.G.S. Pillay Engineering College
[Autonomous]

Nagapattinam- 611002

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Chennai
Accredited by NAAC with 'A' Grade | An ISO 5001 : 2008 Certified
Institution

Ph. 04355-251112 / 251114 | E-mail:enquiries@egspec.org | Website :
www.egspec.org

One Week Valued Course on
"BASICS-PHP"

05.02.2018 to 11.02.2018

(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.egspec.org



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 PROFILE

The department of computer applications focuses on making industry ready IT professionals by imparting quality computer education along with excellent in-personal 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 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.Visalathiy MCA

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

DEPARTMENT OF MCA

CIRCULAR

Date :01.02.2018

It is proposed to conduct a value added course on "BASICS PHP "from 05.02.2018 to 11.02.2018 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
E.G.S. Pillay Engineering College
Nagapattinam - 611 002.


HOD/MCA

Dr. J. VANITHA
Head of the Department
Department of 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" BASICS PHP "2017-2018
PROGRAM SCHEDULE
VENUE: SOFT VIEW LAB**

Date: 05.02.2018 to 11.02.2018

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.
05.02.2018	Inaugural Function	Introduction PHP, Fundamentals , PHP Arrays , PHP Functions,	PHP Framework	Hand session
06.02.2018	PHP Forms , PHP Cookies & PHP Sessions	PHP Strings Handling - Mongo DB-Service Handling,	Bootstrap,JavaScript,	Hand session
07.02.2018	AJAX-Regular Expression Assessments	SQL Joins,WritingProcedures, Queries	Error Handling	Hand session
08.02.2018	Exporting CSV data	Advanced MySQL Joins	Hand session	Hand session
09.02.2018	CASE STUDY	CASE STUDY	Hand session	Hand session
10.02.2018	Developing Project	Developing Project	Developing Project	Developing Project
11.02.2018	Developing Project	Developing Project	Developing Project	Certificate Distribution

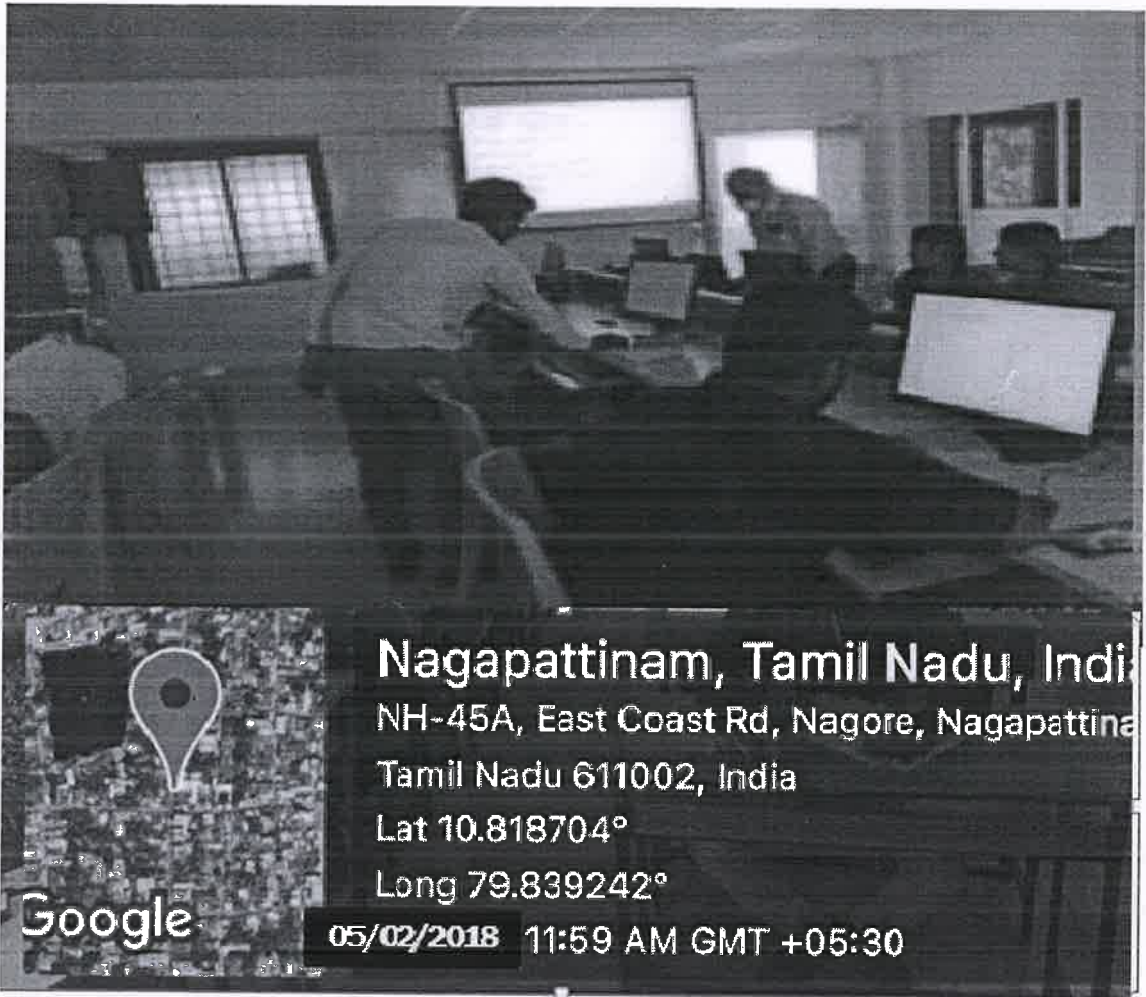


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**E.G.S. PILLAY ENGINEERING COLLEGE(AUTONOMOUS)
DEPARTMENT OF MCA
VALUE ADDED COURSE ON" Basics PHP"
Report**

Department of Computer Applications organized a 40hrs value added course on "**Basics PHP**" for MCA 5th semester students from 05th February 2018 to 11th February, Timing 9.00Am to 5.00Am in MCA (Soft view Lab). A total of 71 students attended the course.. The topics were delivered and demonstrated by course instructors Mr. K KALYAN KUMAR, and Mr.GANESH from NIIT center in Nagapattinam




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E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)
DEPARTMENT OF MCA
VALUE ADDED COURSE ON" Basics PHP"

SYLLABUS

Basics PHP

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,WritingProcedures,Queries – Error Handling		
DAY IV	FUNCTIONS	08Hours
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 "PHP"

ACADEMIC YEAR-2017-2018, III MCA STUDENTS V SEM BATCH (2015-2017)

S.NO	REGISTER NO	STUDENT NAME	5.2.2018	6.2.2018	7.2.2018	8.2.2018	9.2.2018	10.2.2018	11.2.2018
1	820815621001	J.BHUVANESWARI	P	P	P	P	P	P	P
2	820815621003	R.KARTHIKEYAN	P	P	P	P	P	P	P
3	820815621004	S.MAHA VEER	P	P	P	P	P	P	P
4	820815621005	P.PRABHAKARAN	P	P	P	P	P	P	P
5	820815621006	R.REKHA	P	P	P	P	P	P	P
6	820815621007	V.VEERAPANDIYAN	P	P	P	P	P	P	P
7	820815621301	ABIRAMI K	P	P	P	P	P	P	P
8	820815621302	AISWARYA S	P	P	P	P	P	P	P
9	820815621303	AKSHAYA C	P	P	P	P	P	P	P
10	820815621304	ANANDHI C	P	P	P	P	P	P	P
11	820815621305	ANUSIYA V	P	P	P	P	P	P	P
12	820815621306	ARAVINDAN J	P	P	P	P	P	P	P
13	820815621307	ASHIFA A	P	P	P	P	P	P	P
14	820815621308	BHUVANESWARAN P	P	P	P	P	P	P	P
15	820815621309	BHUVANESWARI P	P	P	P	P	P	P	P
16	820815621310	BUVANESWARI K	P	P	P	P	P	P	P
17	820815621311	CHITRA R	P	P	P	P	P	P	P
18	820815621312	DEVENDIRAN K	P	P	P	P	P	P	P
19	820815621313	DHARANI M	P	P	P	P	P	P	P
20	820815621314	DIVYA R	P	P	P	P	P	P	P
21	820815621315	DIVYA DHARSHINI R	P	P	P	P	P	P	P
22	820815621316	GAYATHRI C	P	P	P	P	P	P	P
23	820815621317	GOMATHI A	P	P	P	P	P	P	P
24	820815621318	HEMALATHA R	P	P	P	P	P	P	P
25	820815621319	JAYABHARATHI S	P	P	P	P	P	P	P
26	820815621320	JAYASURYA A	P	P	P	P	P	P	P
27	820815621321	JAYASURYA B	P	P	P	P	P	P	P
28	820815621322	JAYA SWEETA	P	P	P	P	P	P	P
29	820815621323	J JESSY MADONA A	P	P	P	P	P	P	P
30	820815621324	KALAIYARASAN M	P	P	P	P	P	P	P
31	820815621325	KAVITHA J	P	P	P	P	P	P	P
32	820815621326	LOHESWARI M	P	P	P	P	P	P	P
33	820815621327	MADHI M	P	P	P	P	P	P	P
34	820815621328	MALAISAMY K	P	P	P	P	P	P	P
35	820815621329	MANJULA V	P	P	P	P	P	P	P
36	820815621330	MANO R	P	P	P	P	P	P	P
37	820815621331	MOHAMEED MUJAMIL	P	P	P	P	P	P	P
38	820815621332	NITHYA A	P	P	P	P	P	P	P
39	820815621333	PAVITHA V	P	P	P	P	P	P	P
40	820815621334	PRAKASH K	P	P	P	P	P	P	P

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<http://www.explainth.at>
Color key on Page 4

Code Structure

```
<?php
$site = 'ExplainThat';
```

```
function sayHello(){
    $s = 'Hello from ';
    echo $s;
    //single line comment
}
```

```
function sayHelloEx(){
    $s = 'Hello from ';
    global $site;
    echo $s.$site;
    /*Comment spanning
    two or more lines */
}
```

```
sayHello();
print $site;
?>
```

Reusing Code

The include, require, include_once and require_once keywords facilitate the reuse of PHP code. For instance include 'mycode.php'; would cause the contents of mycode.php to be merged into the current file. Failure to find mycode.php results in a warning. require behaves similarly but throws a fatal error. The #_once versions prevent function redefinition.

Nomenclature Rules

All labels¹ in PHP bear the form \$name. name can consist of upper & lowercase letters a-z, extended ASCII characters from 0x7F to 0xFF, the underscore character, _ and numbers. The first character cannot be a number. Names are case sensitive. \$this is a predefined read only variable used to refer to the current object context. There are no limits on name length. Names are case sensitive.

¹ Strings used to identify constants, functions, variables & Heredoc

Visibility & Scope

Variables in PHP generally have a single scope – i.e. they are always visible. However, user defined functions have their own local scoping context – i.e. do not have access to variables defined outside the function. A reference to \$site in sayHello would merely create a new empty local variable called \$site. To access such variables do one of the following

- Use the global keyword as in sayHelloEx above.
- Use the \$GLOBALS array - \$GLOBALS['site']

Data Types

PHP supports four scalar data types

- boolean - takes the values TRUE & FALSE
- integer - decimal, hexadecimal or octal. e.g. 32, 0x20, 040. The constants PHP_INT_MAX and PHP_INT_SIZE provide platform-dependent information. Integer overflow causes silent transformation of the variable into a float.
- float - Typically IEEE 64 bit with 14 decimal digits.

string - single byte character sequence. See below.
Variables that have not been assigned a value or have been unset contain the special value NULL. A NULL assignment to an object variable destroys the object.
Explicit typecasts are rarely needed in PHP. If required use the code

\$x = (#)\$y; - where # is one of bool, float, int or string.

Operators

Operator	Example	Result
+ «+»	3 + 2	5
.	'Explain'. 'That!'	'ExplainThat!'
/ «*/»	3/2	1.5
%	7%4	3
=	\$i = 2	\$i set to 2
\$i = 2;		
+= «+=»	\$i+=1;	3
s = 'Explain';		
.	s.= 'That!'	'ExplainThat!'
==1	3=='3' 3==3 3==2	true true false
===2	3=='3' 3==3 3==2	false true false
!= or <>	'php'!='PHP' 3!=3	true false
!==	3!=='3'	true
< «<»	2 < 3	true
<= «<=»	2 <= 3	true
\$i = 2; \$j = 5;		
&	\$i & \$j	2
	\$i \$j	7
^	\$i ^ \$j	5
-	-\$i	-3
<< «<<»	\$i << 1	4
++ «++»	\$i++ ³ ; ++\$i ⁴	3
\$i = 2; \$j = 5		
&&	(\$i <= 2) && (\$j < 7)	true
	(\$i%2 > 0) (\$j%2 == 0)	false
!	!(\$i==2) && !(\$j%2 == 0)	true

¹ called loose comparison; ² called strict comparison
³ evaluates after use ⁴ evaluates before use

Constants

define(\$name,\$value,[\$ci])
is used to define a constant named \$name with the scalar value \$value. Case insensitive if \$ci = TRUE.
constant references do not start with a \$
constants cannot be altered
constants are globally accessible
References to undefined constants are treated as string literals. PHP defines five magic constants whose value depends on where they are used

Name	Description
__LINE__	Current line number
__FILE__	Current file name with path

__DIR__	Path to current file
__CLASS__	Current class name
__METHOD__	Method name as class:methodName

Magic constants in included files are evaluated prior to inclusion.

Variable Management

Function	Purpose	Return Value
empty	Check if empty?	boolean
floatval	Convert to float	float
get_defined_vars	List all variables	array
gettype	Verify data type	string ¹
intval	Convert to int	integer
is_# ²	Verify data type	boolean
serialize	Stringify for storage	string
settype ³	Set data type	boolean
strval	Convert to string	string
unserialize	Regenerate from string	boolean, integer etc
unset ⁴	Destroy the var	-

¹ array, boolean, integer, double, string or object
² # is one of array, bool, float, int, null, object, scalar, string
³ second parameter is a string. See note 1 above
⁴ behavior inside a function depends on nature of variable being unset

Arrays

Arrays are used to store sequences of related values in a tabular format. PHP has 5 ways of defining an array

```
$lamp = array();
$lamp[]='LINUX';$lamp[]='Apache';
$lamp[]='MySQL';$lamp[]='PHP';

$lamp = array('L'=>'LINUX','A'=>'Apache',
'M'=>'MySQL','P'=>'PHP');
$lamp = array('LINUX','Apache',
'MySQL','PHP');
$lamp = array();
$lamp[1]='LINUX';$lamp[2]='Apache';
$lamp[3]='MySQL';$lamp[4]='PHP';1
```

```
$lamp = array();
$lamp['L']='LINUX';$lamp['A']='Apache';
$lamp['M']='MySQL';$lamp['P']='PHP';
```

PHP arrays can be associations – i.e. a unique key, (e.g. 'L' above) is associated with each value in the array. For multiple dimensions use arrays within arrays.

Array Manipulation

Function	Description
array_change_key_case	Guess!
array_chunk(\$arr,\$size,[\$f])	Returns an array of arrays containing \$size elements each from \$arr. TRUE for \$f preserves keys.
arra_fill_keys(\$keys,\$values)	Create an associative array using \$keys, and \$values..
array_fill(\$start,\$num,\$value)	Create an array with \$num elements from index \$start filled with \$value
array_flip(\$arr)	Flip values and keys in \$arr
array_key_exists	Check for \$key in \$arr

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```
switch ($var){
  case Value1:Code;
    break;
  [case Value2:Code;
    break;
  ...]
  [default:Code;]
}
```

→ \$var can be a boolean, an integer or a string.
 → Note the break after each case statement.
 → If default is not the last option provide a break.
 → To execute the same action(s) for a range of cases

switch (\$var){
 case Value1:
 case Value2:
 case Value3:Code;
 break;
 ...}

case comparisons are loose. Beware of switch blocks that use mixed values in individual case. The block may terminate prematurely because of a partial case match.

Exception Handling

```
<?php
function inverse($a){
  if ($x == 0) throw new Exception("Zero divide");
  return 1/$a;
  //not executed if exception is thrown
```

```
function whenExcept($e){
  echo $e->getMessage().<br>;}

set_exception_handler('whenExcept');
//default exception handler
try{
  echo inverse(5);
  echo inverse(0); //throws exception
} catch (Exception $e) {
  echo 'Error '.$e->getMessage().<br>;}
echo 'Hello world!';
//executed since exception was caught
throw new Exception('Oops');
echo 'Moien!'; //not executed
?>
```

Looping

```
function whileLoop($num){
  while ($num > 0)
  {echo($num).<br>;
  $num--;}
}
```

```
function doLoop($num){
  do{
    echo($num).<br>;
    $num--;}
  while ($num > 0);
}
```

```
function forLoop($num){
  for ($i=0;$i<$num;$i++){
    echo $i.<br>;
  }
}
```

break causes immediate termination of the loop. Loop statements after continue are skipped and the next execution of the loop is performed.

```
function foreachLoopA(){
  foreach($GLOBALS as $key => $value){
    echo $key.'='.$value.<br>;
  }
}
```

```
function foreachLoopB(){
  foreach($_SERVER as $value) echo $value.<br>;
}
```

foreach offers a neat way of iterating over an array.

User Functions

```
function calcArea($x,$y,$isRect = true){
  return ($isRect)?$x*$y:0.5*$x*$y;
  //assume triangle if $isRect is false
}
```

Scalar function arguments can be given a default value – e.g. \$isRect = true as above. Parameters are passed by value. To pass them by reference precede the parameter name in the function declaration with an ampersand, e.g. &\$y.

return causes immediate termination of the PHP function. If no value is returned, or if return is missing the function return type is NULL.

exit(\$status) - die - causes immediate termination of the current script. If \$status is a string it will be printed. If it is an integer it will be the exit status.

Superglobals

Superglobals are arrays containing variables from the web server (when applicable), the environment and user input. They are always visible.

Variable	Contents
\$GLOBALS	All below in a one array
\$_SERVER	Server information
\$_GET	HTTP GET variables
\$_POST	HTTP POST variables
\$_FILES	HTTP file upload variables
\$_SESSION	Session variables
\$_ENV	Environment variables
\$_COOKIE	HTTP cookies

There can be minor, server-dependent, variations in the information returned in variables such as \$GLOBALS, \$_SERVER etc. To check just what is available use the script below to dump these variables to your browser.

```
<?php
function dumpThis($sg){
  foreach($sg as $key => $value){
    echo $key.'='.$value.<br>;
  }
}
```

```
dumpThis($_SERVER);
?>
```

Miscellanea

Warning – thoughtless use of the features described here could seriously damage your server installation.

The prepend operator, @, can be used with constants, variables, function calls, eval and include to suppress error messages.

The backticks operator ` returns the results of running a shell command. For instance, `ls` - dir on Windows – would return a directory listing. This can be assigned to a variable or echoed to standard output. Typing 96 while holding down the ALT key is a keyboard layout independent way of entering the ` operator.

eval(\$expr) evaluates the PHP code provided in the string \$expr. The string must be valid PHP code – inclusive of terminating semicolons. Errors in \$expr may cause the parser to die. Code in \$expr forms part of the parent script so variable assignments in \$expr are retained.

PHP in HTML

The safest way to embed PHP code in HTML is to delimit it using the <?php...?> tag pair. Other syntax exist but are not accepted by all web servers. The resulting file should be saved with the extension .PHP.

To call a PHP script via SSI use

```
<!--#include virtual="/path/scriptname.php"-->
```

If the same script is called from includes in different HTML files you can access the identity of the parent HTML file using \$_SERVER['REQUEST_URI'].

Notes

Color Key

- while – PHP keyword
- funcName – user function
- echo – language construct
- \$var – variable 'string'
- 3.142 – number
- true – case insensitive
- xxx – similarly x
- [option]
- //comment
- constant

Using value == \$var rather than \$var == value. when doing comparisons against a value avoids bugs arising from typing = in place of ==.

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PHP Introduction


PHP is a recursive acronym for "PHP: Hypertext Preprocessor" -- It is a widely-used open source general-purpose scripting language that is especially suited for web development and can be embedded into HTML.

PHP Introduction

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
  <head>
    <title>Example</title>
  </head>
  <body>
    <?php
      echo "Hi. I'm a PHP script!";
    ?>
  </body>
</html>
```

PHP Introduction

- > PHP is a server-side scripting language
- > PHP scripts are executed on the server
- > PHP supports many databases (MySQL, Informix, Oracle, Sybase, Solid, PostgreSQL, Generic ODBC, etc.)
- > PHP is open source software
- > PHP is free to download and use


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Department of Computer Applications Value Added course on "Basics PHP "

Test Questions

Total Marks 30

Date: 05/02/2018 to 11/02/2018

1. What is PHP?

- a) PHP is an open-source programming language
- b) PHP is used to develop dynamic and interactive websites
- c) PHP is a server-side scripting language
- d) All of the mentioned

2. Who is the father of PHP?

- a) Rasmus Lerdorf
- b) Rasmus Lerdorf
- c) Willam Makepiece
- d) List Barely

3. What does PHP stand for?

- a) PHP stands for Preprocessor Home Page
- b) PHP stands for Pretext Hypertext Processor
- c) PHP stands for Hypertext Preprocessor
- d) PHP stands for Personal Hyper Processor

4. Which of the following is the correct syntax to write a PHP code?

- a) <?php ?>
- b) <php>
- c) < ? php ?>
- d) <? ?>

5. Which of the following is the correct way to add a comment in PHP code?

- a) #
- b) //
- c) /* */
- d) All of the mentioned

6. Which of the following is the default file extension of PHP files?

- a) .php
- b) .ph
- c) .xml
- d) .html

7. How to define a function in PHP?

- a) functionName(parameters) {function body}
- b) function {function body}
- c) function functionName(parameters) {function body}
- d) data type functionName(parameters) {function body}


8. What will be the output of the following PHP code?

```
<?php  
$x=10;  
$y=20;  
if($x>$y&&1||1)  
print"1000 PHP MCQ";  
else  
print"Welcome to Sanfoundry";  
?>
```

- a) no output
- b) Welcome to Sanfoundry
- c) 1000 PHP MCQ
- d) error

9. Which is the right way of declaring a variable in PHP?

- a) \$3hello
- b) \$_hello
- c) \$this
- d) \$5_Hello


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DEPARTMENT OF MCA

VALUE ADDED COURSE ON Basics PHP

TEST QUESTION

TOTAL MARK 20

1. PHP is an acronym for ____.

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

2. What is the extension of a PHP file?

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

3. Who developed PHP?

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

4. In which year PHP was developed?

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

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

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

6. PHP keywords are case-sensitive?

- A. Yes
- B. No

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

- A. //
- B. #
- C. \$
- D. Both A. and B.

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

- A. // and //
- B. ## and ##
- C. /* and */
- D. /// and ///


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DEPARTMENT OF MCA
VALUE ADDED COURSE ON Basics PHP
TEST QUESTION
TOTAL MARK 20

1. PHP is an acronym for ____.

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

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- C. /* and */
- D. /// and ///


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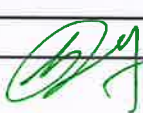
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VALUE ADDED COURSE ON "Basics PHP"

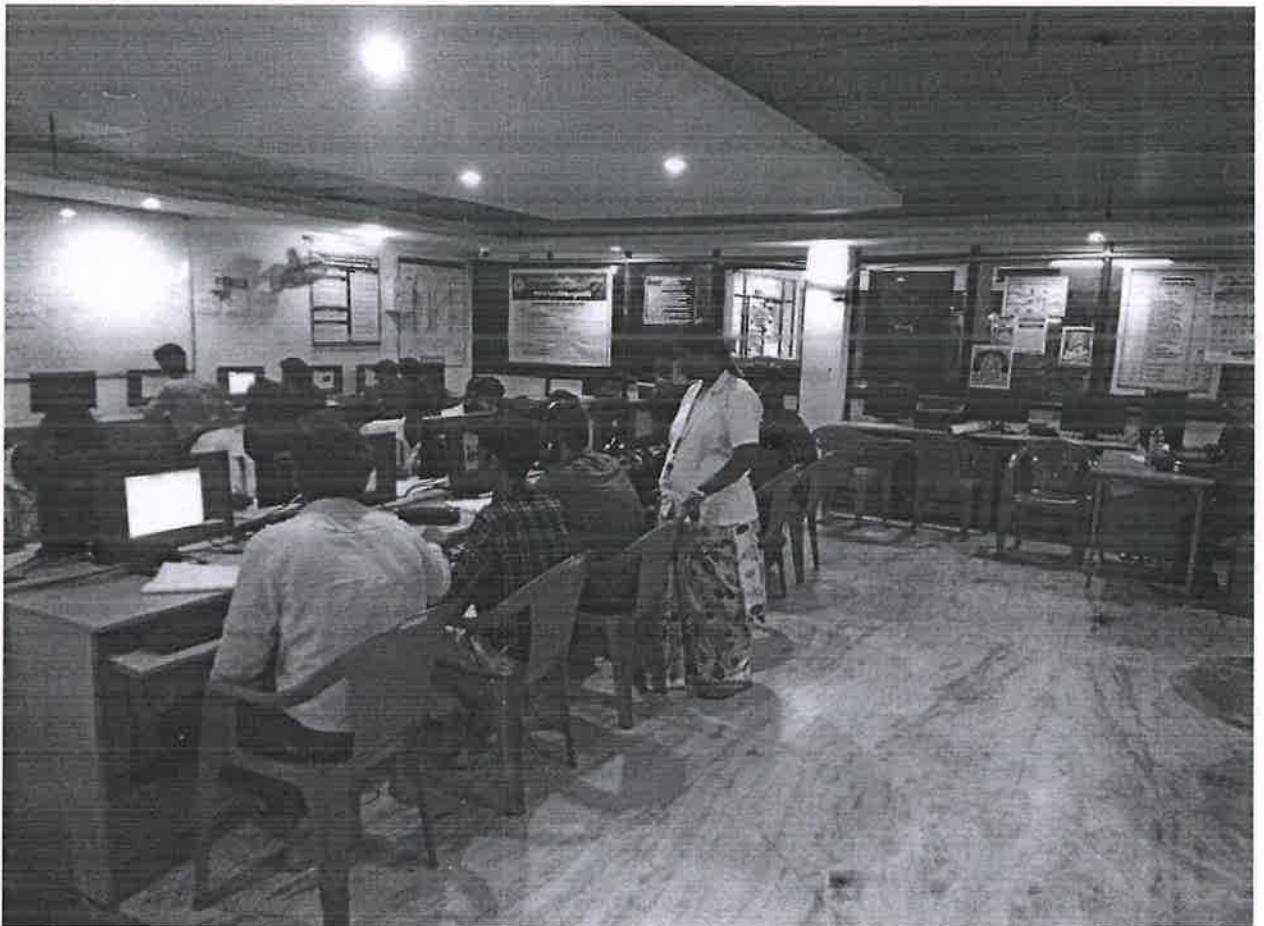
ACADEMIC YEAR-2017-2018,


III MCA STUDENTS V SEM BATCH (2015-2017)

S.NO	REGISTER NO	STUDENT NAME	MARK
1	820815621001	J.BHUVANESWARI	20
2	820815621003	R.KARTHIKEYAN	20
3	820815621004	S.MAHA VEER	17
4	820815621005	P.PRABHAKARAN	15
5	820815621006	R.REKHA	20
6	820815621007	V.VEERAPANDIYAN	20
7	820815621301	ABIRAMI K	18
8	820815621302	AISWARYA S	20
9	820815621303	AKSHAYA C	20
10	820815621304	ANANDHI C	20
11	820815621305	ANUSIYA V	20
12	820815621306	ARAVINDAN J	17
13	820815621307	ASHIFA A	18
14	820815621308	BHUVANESWARAN P	20
15	820815621309	BHUVANESWARI P	20
16	820815621310	BUVANESWARI K	20
17	820815621311	CHITRA R	20
18	820815621312	DEVENDIRAN K	20
19	820815621313	DHARANI M	20
20	820815621314	DIVYA R	20
21	820815621315	DIVYA DHARSHINI R	20
22	820815621316	GAYATHRI C	20
23	820815621317	GOMATHI A	20
24	820815621318	HEMALATHA R	20
25	820815621319	JAYABHARATHI S	20
26	820815621320	JAYASURYA A	20
27	820815621321	JAYASURYA B	20
28	820815621322	JAYA SWEETA	18
29	820815621323	J JESSY MADONA A	18
30	820815621324	KALAIYARASAN M	20
31	820815621325	KAVITHA J	19
32	820815621326	LOHESWARI M	20
33	820815621327	MADHI M	20
34	820815621328	MALAISAMY K	15
35	820815621329	MANJULA V	20
36	820815621330	MANO R	19
37	820815621331	MOHAMEED MUJAMIL	17
38	820815621332	NITHYA A	20
39	820815621333	PAVITHA V	18
40	820815621334	PRAKASH K	20


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SAMPLE PHOTO




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VALUE ADDED COURSE ON "PHP"

Date: 05.02.2018 to 11.02.2018

Name of the Participant: J. Bhuvaneshwari

Organization: MUALTEGSPERC

	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)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Very useful	<u>Good</u>		

[Signature]
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VALUE ADDED COURSE ON "PHP"

Name of the Participant: R-chitra Date: 05.02.2018 to 11.02.2018

Organization: MCAI Egspet

	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"/>

Good Return


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VALUE ADDED COURSE ON 'Basics PHP'

Name of the Participant: K. Abraham Date: 05.02.2018 to 11.02.2018

Organization: EGSPEC/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 <u>NIL</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Signature: K. Abraham



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VALUE ADDED COURSE ON Basics PHP

Date: 05.02.2018 to 11.02.2018

Name of the Participant: S. Mahaveer

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 checked="" type="checkbox"/>
5. Most helpful information and activity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

P. S. RAMABALAN, M.E., Ph.D.,
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VALUE ADDED COURSE ON BASICS PHP

Date: 05.02.2018 to 11.02.2018

Name of the Participant: A. Ashifa

Organization: EGSpec/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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Ashifa

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VALUE ADDED COURSE ON Basics PHP

Name of the Participant: A GOMATHI Date: 05.02.2018 to 11.02.2018

Organization: MCA

Organization: Egpc

	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 checked="" 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)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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AL

A GOMATHI

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DEPARTMENT OF MCA
VALUE ADDED COURSE ON "Basics PHP"

- 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	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P011	P012	PSO 1	PSO 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
Average	2	3	3	-	3	-	-	-	-	-	-	-	2	2

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

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TEST SESSION

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DEPARTMENT OF MCA

VALUE ADDED COURSE ON BSICS PHP

CERTIFICATE

This is certify JAYASURYA B 820815621321 OF III MCA has Attended Value Added Course on "BASICS PHP" from 5.2.2018 to 11.02.2018 and completed the course

successfully

[Signature]

Mrs. C.MALLIKA AP/MCA

Coordinator



[Signature]

Mrs. J.VANITHA
Assoc Prof/HOD/MCA

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CERTIFICATE

This is certify DIVYA R 820815621314 OF III MCA has Attended Value Added Course in "BASICS PHP" from 5.2.2018 to 11.02.2018 and completed the course successfully

Duba

Mrs. C.MALLIKA AP/MCA
Coordinator



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

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VALUE ADDED COURSE ON "ASP.NET CORE"



Date :19.03.2018 to 26.03.2018

Convener

Mrs.J.Vanitha Associate professor /HOD/MCA

Coordinator

1. Mr.PArunkumar AP/MCA
2. Ms. N.Ilakkiya AP/MCA

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Date :19.03.2018 to 26.03.2018

Convener

Mrs.J.Vanitha Associate professor /HOD/MCA


Coordinator

1. Mr.PArunkumar AP/MCA
2. Ms. N.Ilakkiya AP/MCA

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S.No	Content	Page No
1.	Requisition letter	1
2.	Brochure	2-3
3.	Circular	4
4.	Program Schedule	5
5.	Report	6
6.	Syllabus	7
7.	Student Attendance	8-9
8.	Material	10-13
9.	Question	14-15
10.	CO's and PO Mapping	16
11.	Feedback	17-21
12.	Sample Test Paper and Mark	22-27
13.	Sample Photo	28
14.	Sample Certificate	


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NAGAPATTINAM - 611 002

From

P.Arunkumar
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 **"ASP.NET CORE"** for II year Students from **19.03.2018 to 26.03.2018**. Herewith we enclose name list, Session details. Kindly give permission for conducting value added course.

Thanking you

Yours truly


[P.Arunkumar]


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

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

Accredited by NBA/ABE/ECET/FEEMech/CAIB (schol)
Approved by AICTE, New Delhi
Approved by AACSB with Grade 'A'
An ISO 9001:2015 Certified Institution | Recognized by UGC 20 & 12
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Online Code: 3806
Online Code: 3806
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DEPARTMENT OF MCA

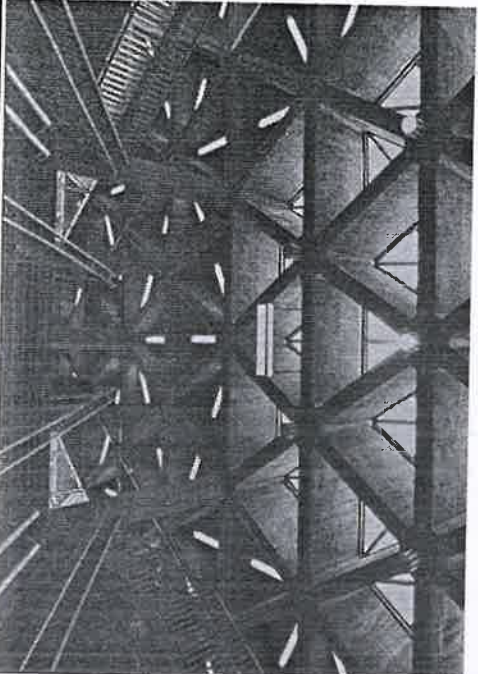
**ORGANIZE A VALUE ADDED
COURSE ON**

“ASP.NET CORE”

DATE 19.03.2018 to 26.03.2018

VENUE :SOFTVIEW LAB

Time : 9.30 AM to 5.00 PM

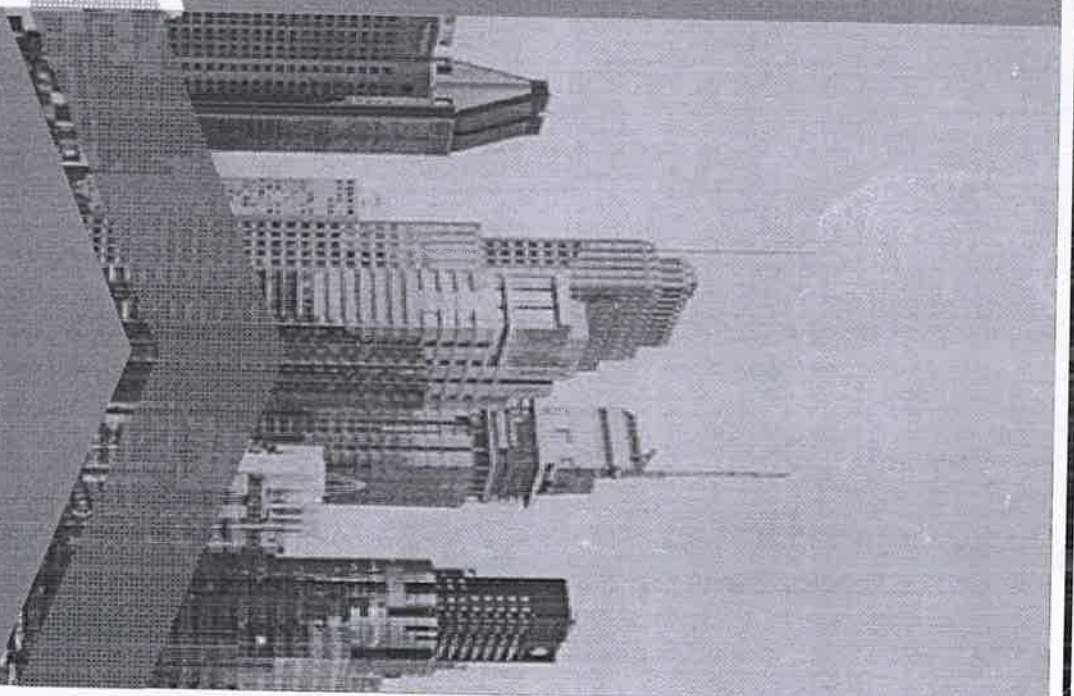


**RESOURCE
PERSON**

Mr. VETRISSELVAN
Programmer

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

CONVENER *Dr. S. RAMABALAN, M.E., Ph.D.*
Principal
DR.J.VANITHA, S. PILLAY ENGINEERING COLLEGE
PROFESSOR/HOD/MCA NAGAPATTINAM - 611 002.
COORDINATORS
Mrs. P.ARUNKUMAR AP/MCA
Mr.N ILLAKKIYA AP/MCA



OBJECTIVES

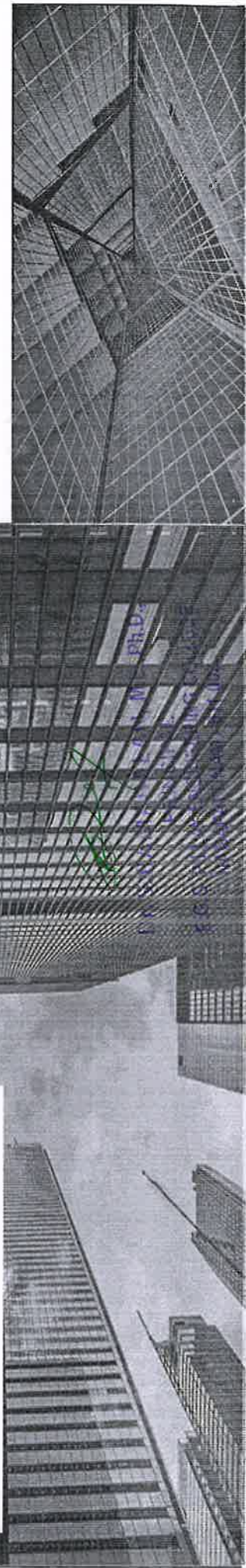
- Microsoft framework architecture
- Development of console application
- Building windows application
- OOPs using C#.NET
- Learn data access mechanism provided .net
- Create and consume libraries
- Create a web application using .net
- Its integration with asp.net
- Developing the website & application
- Application security

OUTCOMES

- ‡ Learners will be able to design web applications using ASP.NET
- ‡ Learners will be able to use ASP.NET controls in web applications
- ‡ Learners will be able to create database driven ASP.NET web applications and web services

TOPIC

- Net Framework
- ASP.NET , Standard Controls ,Data Controls
- JavaScript , Ajax TOPS Technologies
- Web Services using ASP.NET
- Web Application with security
- Database
- C#
- ADO.Net Architecture
- Crystal Reporting



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CIRCULAR

Date :16.03.2018

It is proposed to conduct a value added course on " ASP.NET CORE " from 19.03.2018 to 26.03.2018 for second year students. There is no registration fee. Certificates will be provided for those who attend the course.

P. Ananthanarayanan
N. Ilakkuvan
Coordinator


HOD/MCA
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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DEPARTMENT OF MCA
VALUE ADDED COURSE ON ASP.NET CORE
PROGRAM SCHEDULE

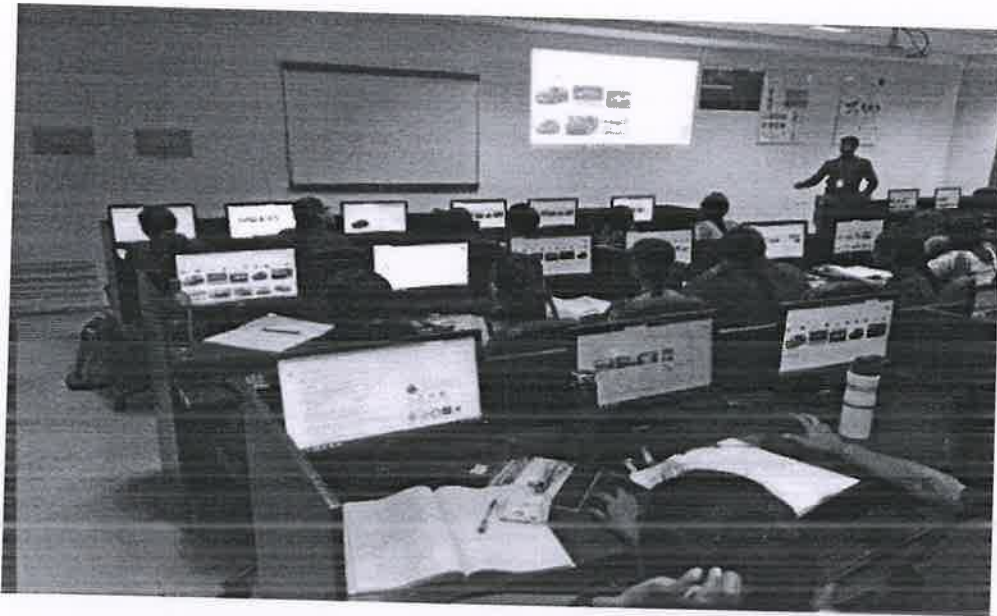
Date/ Session	I Session 9.00 A.M. to 11.00 A.M	II Session 11.15 A.M. to 01.00 P.M	III Session 02.00 P.M. to 03.00 P.M.	IV Session 3.00 P.M. to 5.00 P.M.
19.03.2018	Inaugural Fundamentals	OOPS, SQL Queries, Basics of Designing TOPS Technologies	OOPS, SQL Queries, Basics of Designing TOPS Technologies	Asp.net course - .NET FRAMEWORK
20.03.2018	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
21.03.2018	ASP.NET, Standard Controls, Data Controls	Input Validations, Input Validations	Master Pages, State Management	Hand on session
22.03.2018	ADO.Net Architecture	ADO.Net Disconnected Classes, Data table Object	Dataset Object, Using db Command Object, Connection classes	Hand on session
23.03.2018	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
24.03.2018	Controls, Choosing Methods to Navigate Pages	Troubleshooting and Debugging Page and Application Exception Handling	State Management, Chart • C# • Connection String	Hand on session
25.03.2018	Linq, Expressions, Web Services •	Jquery, XML TOPS Technologies Asp.net course	WPF • Silverlight	Hand on session
26.03.2018	Crystal Reporting	TOPS Technologies Asp.net course	Hand on session	Certificate Distribution


(Signature)
Dr. S. RAMABALAN, M.E., Ph.D.,
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM - 611 002. 4

(Signature)
 9/13/19

REPROT

Department of Computer Applications organized a 40hrs value added course on " ASP.NET CORE" for MCA second Year students from 19.03.2018 to 26.03.2018, 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 Mr.GANESH from CSC Computer Education in Nagapattinam





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DEPARTMENT OF MCA

VALUE ADDED COURSE ON "ASP.NET CORE"

SYLLABUS

DAYS	SYLLABUS	Hours (40)
Day I	FUNDAMENTALS • OOPS • SQL Queries • Basics of Designing TOPS Technologies Asp.net course - .NET FRAMEWORK • Client And Server Standards • Programs in .Net • .Net Framework • 3 tier Architecture • CLR • .Net Core TOPS Technologies Asp.net course	8 Hrs
Day II	ASP.NET • Standard Controls • Data Controls • Input Validations • Input Validations • Master Pages • State Management • JavaScript • Ajax TOPS Technologies Asp.net course	8 Hrs
Day III	DATABASE CONNECTIVITY • ADO.Net Architecture • ADO.Net Disconnected Classes • Data table Object • Dataset Object • Using db Command Object • Connection classes • 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	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 TOPS Technologies Asp.net course	8 Hrs
Day V	ADVANCED FEATURES • WPF • Silverlight • Crystal Reporting TOPS Technologies Asp.net course	8 Hrs


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NAGAPATTINAM

DEPARTMENT OF MCA

VALUE ADDED COURSE ON ASP.NET CORE

ACADEMIC YEAR-2017-2018, II MCA STUDENTS III SEM BATCH (2016-2018)

S.NO	REGISTER NO	STUDENT NAME	19.03.2018	20.03.2018	21.03.2018	22.03.2018	23.03.2018	24.03.2018	25.03.2018	26.03.2018
1	820816621001	M.ISWARYA	M.Iswarya	M.Iswarya	M.Iswarya	M.Iswarya	M.Iswarya	M.Iswarya	M.Iswarya	M.Iswarya
2	820816621002	N.MEGANATHAN	N.Meganathan	N.Meganathan	N.Meganathan	N.Meganathan	N.Meganathan	N.Meganathan	N.Meganathan	N.Meganathan
3	820816621004	R.SWATHI	R.Swathi	R.Swathi	R.Swathi	R.Swathi	R.Swathi	R.Swathi	R.Swathi	R.Swathi
4	820816621301	AISHWARYA. U	Aishwarya U	Aishwarya U	Aishwarya U	Aishwarya U	Aishwarya U	Aishwarya U	Aishwarya U	Aishwarya U
5	820816621302	ANBUMANI P	Anbumani P	Anbumani P	Anbumani P	Anbumani P	Anbumani P	Anbumani P	Anbumani P	Anbumani P
6	820816621303	ARAVINDAN R	Aravindan R	Aravindan R	Aravindan R	Aravindan R	Aravindan R	Aravindan R	Aravindan R	Aravindan R
7	820816621304	ARCHANA. D	Archana D	Archana D	Archana D	Archana D	Archana D	Archana D	Archana D	Archana D
8	820816621305	ARCHANA. N	Archana N	Archana N	Archana N	Archana N	Archana N	Archana N	Archana N	Archana N
9	820816621306	ATHITHYA.R	Athithya R	Athithya R	AB	Athithya R	Athithya R	Athithya R	Athithya R	Athithya R
10	820816621307	CHANDRU. G	Chandru G	Chandru G	Chandru G	Chandru G	Chandru G	Chandru G	Chandru G	Chandru G
11	820816621308	DEVARAJ M	Devaraj M	Devaraj M	Devaraj M	Devaraj M	Devaraj M	Devaraj M	Devaraj M	Devaraj M
12	820816621309	ELAVARASI.M	Elavarasi M	Elavarasi M	Elavarasi M	Elavarasi M	Elavarasi M	Elavarasi M	Elavarasi M	Elavarasi M
13	820816621310	GOMATHI. G	Gomathi G	Gomathi G	Gomathi G	Gomathi G	Gomathi G	Gomathi G	Gomathi G	Gomathi G
14	820816621311	GUNAVATHI R	Gunavathi R	Gunavathi R	Gunavathi R	Gunavathi R	Gunavathi R	Gunavathi R	Gunavathi R	Gunavathi R
15	820816621312	HARIPRIYA. R	Haripriya R	Haripriya R	Haripriya R	Haripriya R	Haripriya R	Haripriya R	Haripriya R	Haripriya R
16	820816621313	INDUMATHI G	Indumathi G	Indumathi G	Indumathi G	Indumathi G	Indumathi G	Indumathi G	Indumathi G	Indumathi G
17	820816621314	JANCE JOHN. J	Jance John J	Jance John J	Jance John J	Jance John J	Jance John J	Jance John J	Jance John J	Jance John J
18	820816621315	JAYAPRIYA. N	Jayapriya N	Jayapriya N	Jayapriya N	AB	Jayapriya N	Jayapriya N	Jayapriya N	Jayapriya N
19	820816621316	KANMANI. KC	Kanmani KC	Kanmani KC	Kanmani KC	Kanmani KC	Kanmani KC	Kanmani KC	Kanmani KC	Kanmani KC
20	820816621317	KARTHIGA L	Karthiga L	Karthiga L	Karthiga L	Karthiga L	Karthiga L	Karthiga L	Karthiga L	Karthiga L
21	820816621318	KATHIRAVAN U	Kathiravan U	Kathiravan U	Kathiravan U	Kathiravan U	Kathiravan U	Kathiravan U	Kathiravan U	Kathiravan U
22	820816621319	KEERTHANA. K	Keerthana K	Keerthana K	AB	Keerthana K	Keerthana K	Keerthana K	Keerthana K	Keerthana K
23	820816621320	KIRUTHIKA. S	Kiruthika S	Kiruthika S	Kiruthika S	Kiruthika S	Kiruthika S	Kiruthika S	Kiruthika S	Kiruthika S
24	820816621321	LAKSHMMI MONICCA. S	Lakshmi Monicca S	Lakshmi Monicca S	Lakshmi Monicca S	Lakshmi Monicca S	Lakshmi Monicca S	Lakshmi Monicca S	Lakshmi Monicca S	Lakshmi Monicca S
25	820816621322	MAHESHWARAN K	Maheshwaran K	Maheshwaran K	Maheshwaran K	Maheshwaran K	Maheshwaran K	Maheshwaran K	Maheshwaran K	Maheshwaran K
26	820816621323	MANIKANDAN. K	Manikandan K	Manikandan K	Manikandan K	Manikandan K	Manikandan K	Manikandan K	Manikandan K	Manikandan K
27	820816621324	MARIO CARO JANUVARIS H	Mario Caro Januvaris H	Mario Caro Januvaris H	Mario Caro Januvaris H	Mario Caro Januvaris H	Mario Caro Januvaris H	Mario Caro Januvaris H	Mario Caro Januvaris H	Mario Caro Januvaris H
28	820816621326	MEENA. N	Meena N	Meena N	Meena N	Meena N	Meena N	Meena N	Meena N	Meena N
29	820816621327	MOHAMED IRSHATH. N	Mohamed Irshath N	Mohamed Irshath N	Mohamed Irshath N	Mohamed Irshath N	Mohamed Irshath N	Mohamed Irshath N	Mohamed Irshath N	Mohamed Irshath N
30	820816621328	MONICA M	Monica M	Monica M	Monica M	Monica M	Monica M	Monica M	Monica M	Monica M
31	820816621329	MUTHU S M	Muthu S M	Muthu S M	Muthu S M	Muthu S M	Muthu S M	Muthu S M	Muthu S M	Muthu S M
32	820816621330	MUTHU SOWMIYA. V	Muthu Sowmiya V	Muthu Sowmiya V	AB	Muthu Sowmiya V	Muthu Sowmiya V	Muthu Sowmiya V	Muthu Sowmiya V	Muthu Sowmiya V
33	820816621331	NANDHINI. S	Nandhini S	Nandhini S	Nandhini S	Nandhini S	Nandhini S	Nandhini S	Nandhini S	Nandhini S
34	820816621333	PARAMESHWARI S	Parameswari S	Parameswari S	Parameswari S	Parameswari S	Parameswari S	Parameswari S	Parameswari S	Parameswari S
35	820816621334	PAVITHRA. M	Pavithra M	Pavithra M	Pavithra M	Pavithra M	Pavithra M	Pavithra M	Pavithra M	Pavithra M
36	820816621335	PAVITHRA. S	Pavithra S	Pavithra S	Pavithra S	Pavithra S	Pavithra S	Pavithra S	Pavithra S	Pavithra S

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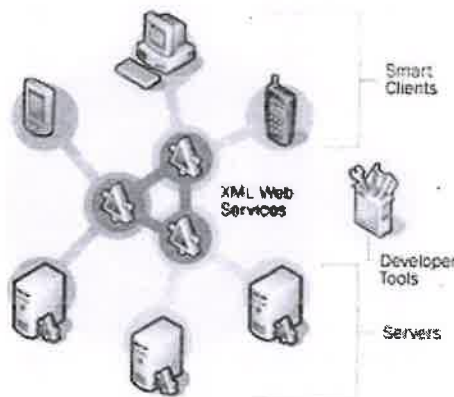
MATERIALS

What is .NET?

- Microsoft® .NET is a set of Microsoft software technologies for connecting information, people, systems, and devices
- It is a device and platform independent distributed computing model based on Web Services (which are in turn based on open XML communication technology), and consists of
 - a software platform for building .NET experiences
 - a programming model and tools to build and integrate XML Web services
 - a set of programmable XML Web services
 - a way to enable users to interact with a broad range of smart devices via the Web, while ensuring that the user, rather than the application, controls the interaction
 - a way to provide a user with applications, services, and devices that are personalized, simple, consistent, and secure
- .NET is all about creation, consumption and delivery of Web Services

What is a Web Service?

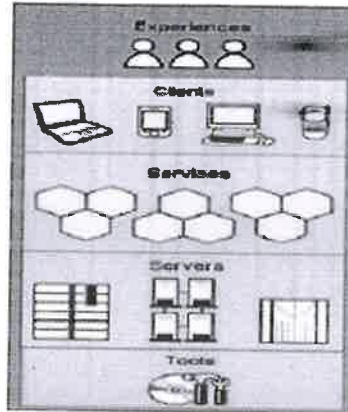
Small, reusable applications written in XML



- Client to Client
 - Clients can use XML Web Services to communicate data
- Client to Server
 - Clients can send data to and receive data from servers.
- Server to Server
 - Servers can share data with each other.
- Service to Service
 - web services can work together.

Prof.
Dr. S. RAMABALAN, M.E., Ph.D.,
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What are the Components of .NET?



NET Framework

.NET is a framework to develop software applications. It is designed and developed by Microsoft and the first beta version released in 2000.

It is used to develop applications for web, Windows, phone. Moreover, it provides a broad range of functionalities and support.


This framework contains a large number of class libraries known as Framework Class Library (FCL). The software programs written in .NET are executed in the execution environment, which is called CLR (Common Language Runtime). These are the core and essential parts of the .NET framework.

This framework provides various services like memory management, networking, security, memory management, and type-safety. The .Net Framework supports more than 60 programming languages such as C#, F#, VB.NET, J#, VC++, JScript.NET, APL, COBOL, Perl, Oberon, ML, Pascal, Eiffel, Smalltalk, Python, Cobra, ADA, etc.

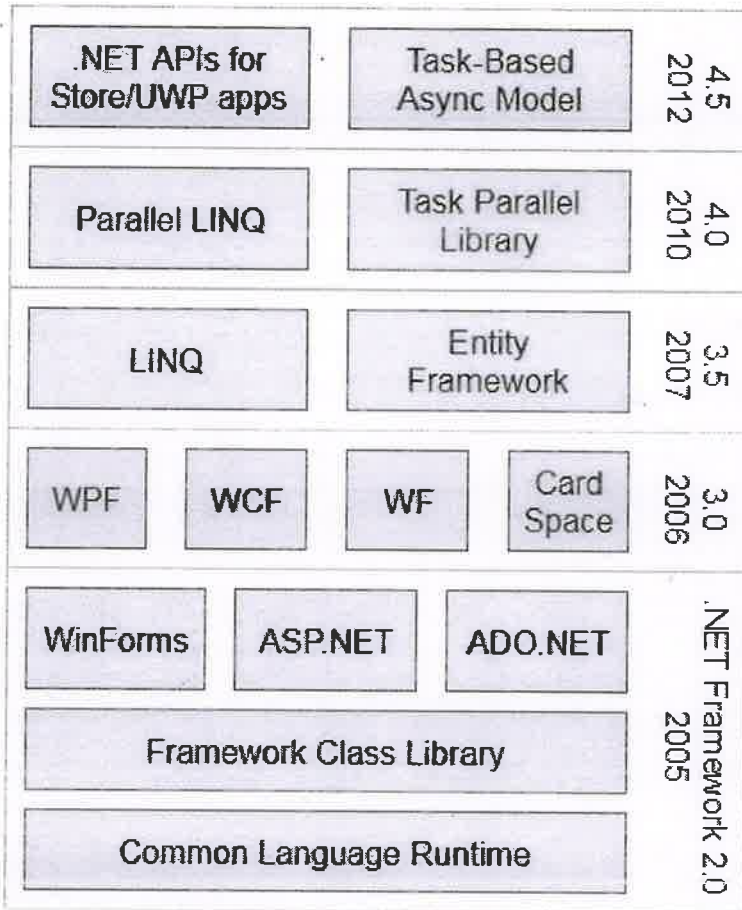
Following is the .NET framework Stack that shows the modules and components of the Framework.

The .NET Framework is composed of four main components:

1. Common Language Runtime (CLR)
2. Framework Class Library (FCL),
3. Core Languages (WinForms, ASP.NET, and ADO.NET), and


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4. Other Modules (WCF, WPF, WF, Card Space, LINQ, Entity Framework, Parallel LINQ, Task Parallel Library, etc.)



CLR (Common Language Runtime)

It is a program execution engine that loads and executes the program. It converts the program into native code. It acts as an interface between the framework and operating system. It does exception handling, memory management, and garbage collection. Moreover, it provides security, type-safety, interoperability, and portability. A list of CLR components are given below:

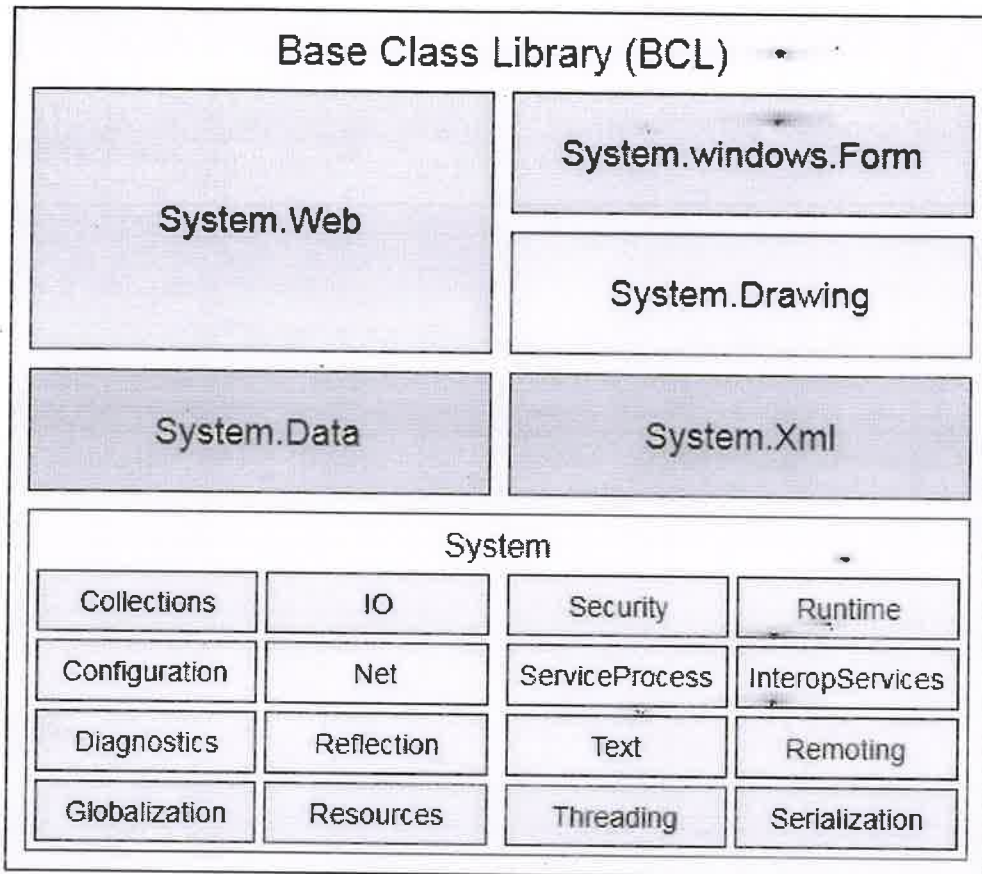
Converting Source Code into Native Code



FCL (Framework Class Library)


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It is a standard library that is a collection of thousands of classes and used to build an application. The BCL (Base Class Library) is the core of the FCL and provides basic functionalities.



WinForms

Windows Forms is a smart client technology for the .NET Framework, a set of managed libraries that simplify common application tasks such as reading and writing to the file system.

ASP.NET

ASP.NET is a web framework designed and developed by Microsoft. It is used to develop websites, web applications, and web services. It provides a fantastic integration of HTML, CSS, and JavaScript. It was first released in January 2002.

ADO.NET

ADO.NET is a module of .Net Framework, which is used to establish a connection between application and data sources. Data sources can be such as SQL Server and XML. ADO .NET consists of classes that can be used to connect, retrieve, insert, and delete data.



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VALUE ADDED COURSE ON ASP.NET CORE

TEST QUESTION
TOTAL MARK -20

1. Which of the following statements are TRUE about the .NET CLR?

It provides a language-neutral development & execution environment.

3. It ensures that an application would not be able to access memory that it is not authorized to access.

It provides services to run "managed" applications.

The resources are garbage collected.

It provides services to run "unmanaged" applications.

- A. Only 1 and 2
- B. Only 1, 2 and 4
- C. 1, 2, 3, 4
- D. Only 4 and 5
- E. Only 3 and 4

2. Which of the following are valid .NET CLR JIT performance counters?

Total memory used for JIT compilation

Average memory used for JIT compilation

Number of methods that failed to compile with the standard JIT

Percentage of processor time spent performing JIT compilation

Percentage of memory currently dedicated for JIT compilation

- A. 1, 5
- B. 3, 4
- C. 1, 2
- D. 4, 5

Which of the following statements is correct about Managed Code?

- A. Managed code is the code that is compiled by the JIT compilers.
- B. Managed code is the code where resources are Garbage Collected.
- C. Managed code is the code that runs on top of Windows.
- D. Managed code is the code that is written to target the services of the CLR.
- E. Managed code is the code that can run on top of Linux.

Which of the following utilities can be used to compile managed assemblies into processor-specific native code?

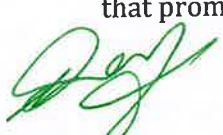
- A. gacutil
- B. ngen
- C. sn
- D. dumpbin
- E. ildasm

Which of the following are NOT true about .NET Framework?

It provides a consistent object-oriented programming environment whether object code is stored and executed locally, executed locally but Internet-distributed, or executed remotely.

It provides a code-execution environment that minimizes software deployment and versioning conflicts.

It provides a code-execution environment that promotes safe execution of code,


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VALUE ADDED COURSE ON" ASP.NET CORE""


CO 'S and PO MAPPING

COURSE OUTCOMES

- i. Understand .NET Framework, its runtime environment and application development IDE of Visual Studio
- ii. Understand the concept of object oriented for making programs.
- iii. Implement C# language constructs in the form of stand-alone console and window form applications.
- iv. Understand database concepts in ADO.NET and apply the knowledge to implement distributed data-driven applications.
- v. Design, document, debug ASP.NET web forms with server and validation controls and implement ASP.NET web services

Course Outcomes	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P011	P012	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
C05	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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FEEDBACK

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Affiliated to Anna University, Chennai | Approved by AICTE, New Delhi
princip@egspsc.ac.in | enquiries@egspsc.ac.in

Counseling Code - 3806

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

VALUE ADDED COURSE ON "ASP.NET CORE"

Date: 19.03.2018 to 23.03.2018

Name of the Participant: G. Ganeshi
Organization: MCA

Excellent Good Average

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

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Ganeshi

FEEDBACK

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principal@ege.ac.in | enquiries@ege.ac.in
Old Nagore Road, Thethi, Nagapattinam - 611002, Tamil Nadu | NIRF Engineering Ranking Top 200 in India
Counseling Code - 3806

VALUE ADDED COURSE ON " ASP.NET CORE "

Date: 19.03.2018 to 23.03.2018

Name of the Participant: M. Parvina
Organization: meq

	Excellent	Good	Average
1. How was the course	<input type="checkbox"/>	<input checked="" 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 (about workshop)
Very useful careful

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PRINCIPAL
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Counselling Code : 3806

VALUE ADDED COURSE ON ".NET"

Date: 19.03.2018 to 23.03.2018

Name of the Participant: N. Archana

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 type="checkbox"/>	<input checked="" 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 <u>very good</u>			

N. Archana

P. Raj.
L.A.N., M.C.E., Ph.D.,
PRINCIPAL

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Counselling Code : 3806

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VALUE ADDED COURSE ON ASP.NET CORE

Date: 19.03.2018 to 23.03.2018

Name of the Participant: R. Karupiya

Organization: EGS PERC

	Excellent	Good	Average
1. How was the course	<input type="checkbox"/>	<input checked="" 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 (about workshop) Very useful <u>NICE</u>			

[Signature]

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principal@egspac.org | enquiry@egspac.org

Counselling Code : 3806

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

DATE: 19.03.2018 TO 23.03.2018

VALUE ADDED COURSE ON ASP.NET CORE

Name of the Participant: N. Archana

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 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 (about workshop) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Very useful Very good

Archana

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DEPARTMENT OF MCA

VALUE ADDED COURSE ON ASP.NET CORE

TEST QUESTION

TOTAL MARK -20

1. Which of the following statements are TRUE about the .NET CLR?

It provides a language-neutral development & execution environment.

3. It ensures that an application would not be able to access memory that it is not authorized to access.

It provides services to run "managed" applications.

The resources are garbage collected.

It provides services to run "unmanaged" applications.

- A. Only 1 and 2
B. Only 1, 2 and 4
C. 1, 2, 3, 4
D. Only 4 and 5
E. Only 3 and 4

2. Which of the following are valid .NET CLR JIT performance counters?

Total memory used for JIT compilation

Average memory used for JIT compilation

Number of methods that failed to compile with the standard JIT

Percentage of processor time spent performing JIT compilation

Percentage of memory currently dedicated for JIT compilation

- A. 1, 5
B. 3, 4
C. 1, 2
D. 4, 5

Which of the following statements is correct about Managed Code?

- A. Managed code is the code that is compiled by the JIT compilers.
B. Managed code is the code where resources are Garbage Collected.
C. Managed code is the code that runs on top of Windows.
D. Managed code is the code that is written to target the services of the CLR.
E. Managed code is the code that can run on top of Linux.

Which of the following utilities can be used to compile managed assemblies into processor-specific native code?

- A. gacutil
B. ngen
C. sn
D. dumpbin
E. ildasm

Which of the following are NOT true about .NET Framework?

It provides a consistent object-oriented programming environment whether object code is stored and executed locally, executed locally but Internet-distributed, or executed remotely.

It provides a code-execution environment that minimizes software deployment and versioning conflicts.

It provides a code-execution environment that promotes safe execution of code,

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VALUE ADDED COURSE ON ASP.NET CORE

TEST QUESTION

TOTAL MARK -20

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B. Only 1, 2 and 4

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B. 3, 4

C. 1, 2

D. 4, 5

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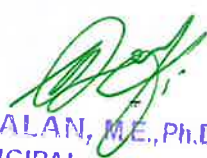
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DEPARTMENT OF MCA

VALUE ADDED COURSE ON "NET"

ACADEMIC YEAR-2017-2018, II MCA STUDENTS III SEM BATCH (2016-2018)

S.NO	REGISTER NO.	STUDENT NAME	Test Mark 20	Test Mark 20	Activity 10
1	820816621001	M.ISWARYA	20	18	9
2	820816621002	N.MEGANATHAN	19	18	10
3	820816621004	R.SWATHI	18	20	10
4	820816621301	AISHWARYA. U	17	19	10
5	820816621302	ANBUMANI P	20	20	10
6	820816621303	ARAVINDAN R	20	20	10
7	820816621304	ARCHANA. D	20	19	10
8	820816621305	ARCHANA. N	20	20	10
9	820816621306	ATHITHYA.R	21	20	10
10	820816621307	CHANDRU. G	18	20	8
11	820816621308	DEVARAJ M	19	18	10
12	820816621309	ELAVARASI.M	20	20	10
13	820816621310	GOMATHI. G	20	20	10
14	820816621311	GUNAVATHI R	20	18	10
15	820816621312	HARIPRIYA. R	20	18	9
16	820816621313	INDUMATHI G	20	20	8
17	820816621314	JANCE JOHN. J	20	20	10
18	820816621315	JAYAPRIYA. N	20	19	10
19	820816621316	KANMANI. KC	20	19	10
20	820816621317	KARTHIGA L	20	20	10
21	820816621318	KATHIRAVAN U	20	20	8
22	820816621319	KEERTHANA. K	20	20	9
23	820816621320	KIRUTHIKA. S	20	20	10
24	820816621321	LAKSHMMI MONICCA. S	20	20	9
25	820816621322	MAHESHWARAN K	20	17	10
26	820816621323	MANIKANDAN. K	20	20	8
27	820816621324	MARIO CARO IANUVARIS H	20	20	10
28	820816621325	MEENA. N	20	19	10
29	820816621327	MOHAMED IRSHATH. N	20	20	10
30	820816621328	MONICA M	20	20	10
31	820816621329	MUTHU S M	20	17	10
32	820816621330	MUTHU SOWMIYA. V	20	20	10
33	820816621331	NANDHINI. S	20	18	10
34	820816621333	PARAMESHWARI S	20	20	10


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 PRINCIPAL
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 NAGAPATTINAM - 611 002.

SAMPLE PHOTO




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DEPARTMENT OF MCA CERTIFICATE

This is certify that Ms.MUTHU S M 820816621329 of MCA has Attended Value Added Course on " ASP.NET CORE" from 19.03.2018 to 26.03.2018 and completed the course successfully.

Mr.P.Arunkumar AP/MCA
COORDINATORS

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NAGAPATTINAM - 611 002.

Dr.J.VANITHA
PROFESSOR/HOD/MCA
CONVENER

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DEPARTMENT OF MCA

CERTIFICATE

This is certify that Ms.SUREKA. R 820816621353 of MCA has Attended Value Added Course on " ASP.NET CORE" from 19.03.2018 to 26.03.2018 and completed the course successfully.

P Arunkumar

Mr.P.Arunkumar AP/MCA
COORDINATORS

Dr. S. Ramabalan

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
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NAGAPATTINAM - 611 002.

Dr. J. Vanitha

Dr.J.VANITHA
PROFESSOR/HOD/MCA
CONVENER

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Counselling Code : **3806**

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DEPARTMENT OF MCA VALUE ADDED COURSE ON "MS Excel With Acces"



Date: **10.09.2017 to 16.09.2017**

Convener

Mrs.J.Vanitha
professor /HOD/MCA


Coordinator

1. Mrs. A.HemaAP/MCA
2. Mr. S.Selvaganapathy AP/MCA

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DEPARTMENT OF MCA

VALUE ADDED COURSE ON "MS EXCEL WITH ACCESS"

S.No	Content	Page No
1.	Requisition letter	1
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3.	Circular	3
4.	Program Schedule	4
5.	Report	5
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7.	Student Attendance	7
8.	Materials	8-16
9.	Question	17-20
10	CO's and PO Mapping	21
11.	Feedback	22-25
12.	Sample Test Paper	26-30
13	Photo	31
14	Certificate	32-34


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
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NAGAPATTINAM - 611 002.

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 "MS Excel With Acces" for III year Students from 10/09/2017 to 16/09/2017. Herewith we enclose name list, Session details. Kindly give permission for conducting value added course.

Thanking you

Yours truly

[Mrs. A.HEMA]

A.HEMA

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


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3

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

Date : 07.09.2017

It is proposed to conduct a value added course on “MS Excel With Access” from 10.09.2017 to 16.09.2017 for first year students. There is no registration fee certificate will be provided for those who attend the course.

Resource Person

1. Mrs. S.Selvaganapathy AP/MCA
2. Mr. M.Rajeshwar
Programmer –EGSPEC



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

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



Dr. S. RAMABALAN, M.E., Ph.D.,
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**DEPARTMENT OF COMPUTER APPLICATIONS
VALUE ADDED COURSE ON " MS EXCEL WITH ACCES" 2017-2018
PROGRAM SCHEDULE**

VENUE :SOFT VIEW LAB

Date : 10.09.2017 to 16.09.2017

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.
10.9.2017	INTRODUCTION	Introduction - Using Excel lists	- Creating a List - Sorting	Hand session
11.9.2017	To perform a Simple Sort - To Sort by Multiple Columns	Data Forms - Adding Data Using the Data Form	Finding Records Using Criteria	Hand session
12.9.2017	Filtering Data	AutoFilter - Advanced Filters	Special Features for Filtered	Hand session
13.9.2017	Lists - Totals and Subtotals Total - Row	-Subtotals	Managing Windows - Multiple	Hand session
14.9.2017	-Freezing Panes	Linking Data	Analysis tool pack	Hand session
15.9.2017	Windows - Splitting Windows	Analysis by goal seek	Analysis by pivot tables	Developing Project
16.9.2017	Sorting	ANOVAs Testing	SPSS TOOL	Certificate Distribution


Coordinator signature



HOD/MCA


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PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.

REPORT

Department of Computer Applications organized a 40hrs value added course on **MS EXCEL WITH ACCESS** for I MCA 1st semester students from 10th October 2017 to 16th October 2017, Timing 9.00Am to 5.00Am in MCA lab (Soft view Lab). A total Number of students 13 attended the course. The topics were delivered and demonstrated by course instructors Mr.M Rajeshwar and Mr.S.Selvaganapathy from E.G.S. Pillay Engineering College, Nagapattinam.




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SYLLABUS

1704CA109- MS Excel With Acces

- 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.

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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NAGAPATTINAM

DEPARTMENT OF MCA

VALUE ADDED COURSE ON "1704CA109- ,MS EXCEL WITH ACCESS
ACADEMIC YEAR-2017-2018, I MCA STUDENTS i SEM BATCH (2017-2019)

S.NO	REGISTER NO	STUDENT NAME	10.09.2017	11.09.2017	12.09.2017	13.09.2017	14.09.2017	15.09.2017	16.09.2017
1	E17CAR001	Abirami.S	Arun	Abin	Abin	Arun	Abin	Abin	Abin
2	E17CAR005	Dhanushiya.R	Dhanu	Dhanu	Dhanu	Dhanu	Dhanu	Dhanu	Dhanu
3	E17CAR008	Gunasekaran.S	Gunase	Gunase	Gunase	Gunase	Gunase	Gunase	Gunase
4	E17CAR010	Joseph Arul Selvam.A	Jose	Jose	Jose	Jose	Jose	Jose	Jose
5	E17CAR011	Karpagam.A	Karaga	Karaga	Karaga	Karaga	Karaga	Karaga	Karaga
6	E17CAR012	Kowsalya Devi.R	Kowsalya	Kowsalya	Kowsalya	Kowsalya	Kowsalya	Kowsalya	Kowsalya
7	E17CAR013	Maheswari.P	Mahes	Mahes	Mahes	Mahes	Mahes	Mahes	Mahes
8	E17CAR014	Mathubala.K	Mathubala	Mathubala	Mathubala	Mathubala	Mathubala	Mathubala	Mathubala
9	E17CAR016	Pavithra.A	Pavithra	Pavithra	Pavithra	Pavithra	Pavithra	Pavithra	Pavithra
10	E17CAR018	Priyadharshimi.G	Priyadhar	Priyadhar	Priyadhar	Priyadhar	Priyadhar	Priyadhar	Priyadhar
11	E17CAR021	Ranjith.J	Ranjith	Ranjith	Ranjith	Ranjith	Ranjith	Ranjith	Ranjith
12	E17CAR025	Sathish.H	Sathish	Sathish	Sathish	Sathish	Sathish	Sathish	Sathish
13	E17CAR027	Soundharya.B	Soundharya	Soundharya	Soundharya	Soundharya	Soundharya	Soundharya	Soundharya

P. Ambem
Coordinator Signature

[Signature]
HOD/MCA

[Signature]
16/9/2017

[Signature]

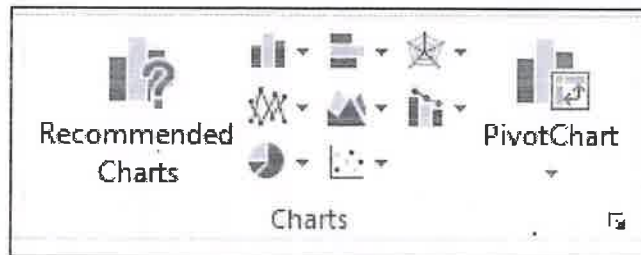
Dr. S. RAMA BALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.

1. EXCEL – CHART RECOMMENDATIONS

8

Change in Charts Group

The Charts Group on the Ribbon in MS Excel 2013 looks as follows:



You can observe that:

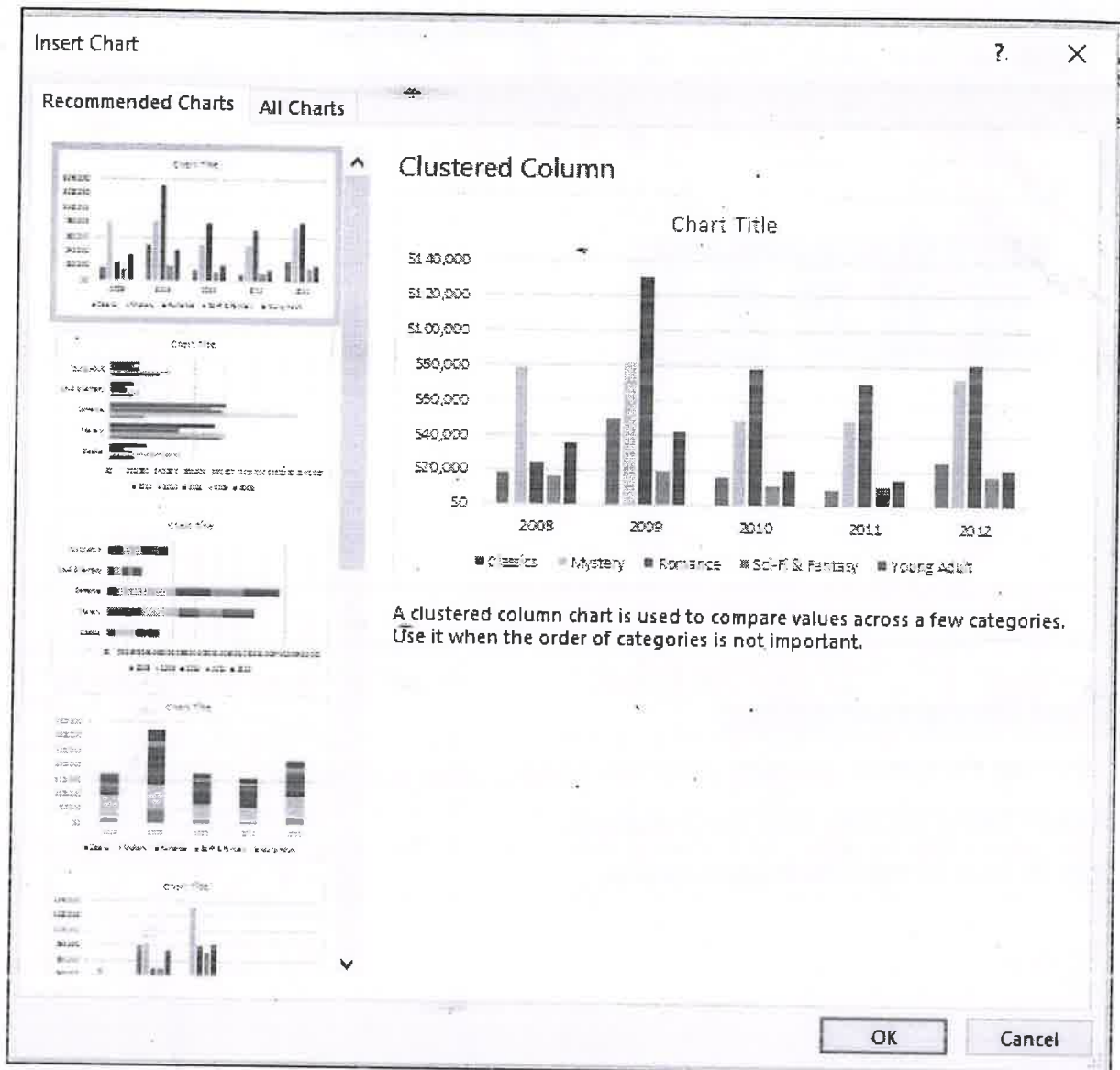
- The subgroups are clubbed together.
- A new option '**Recommended Charts**' is added.

Let us create a chart. Follow the steps given below.

Step 1: Select the data for which you want to create a chart.

Step 2: Click on the **Insert Column Chart** icon as shown below.

7



Step 3: As you browse through the **Recommended Charts**, you will see the preview on the right side.

Step 4: If you find the chart you like, click on it.

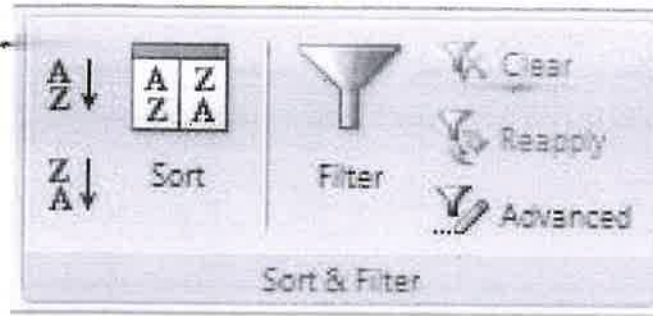
Step 5: Click on the **OK** button. If you do not see a chart you like, click on **All Charts** to see all the available chart types.

Step 6: The chart will be displayed in your worksheet.

Step 7: Give a **Title** to the chart.

Filters

Ribbon Tour



Quick Filtering

The secret to filtering is not to have a space between your titles and your data. In fact, Excel is so smart, that you do not even have your data selected, but may if you prefer.

Select your data and left click on the filter icon in the Sort & Filter Group.

Notice that a chevron appears to the left of each header.


	A	B	C	D	E
1	Vendor Name	JE#	Transaction Descrip	Effectiv	Actu
2	ROBERT K GOOD	EX12-05441	JUL11 MLGE BG-JA	08/17/2011	11.16
3	KENDELL L KILBORN	EX12-08780	AUG11 MLGE KK-JA	09/19/2011	51.63
4	SHANNON I HETZEL	EX12-08782	AUG11 MLGE SH-JA	09/19/2011	13.99
5	ROBERT K GOOD	EX12-08791	AUG11 MLGE BG-JA	09/19/2011	3.33
6	ZACHARY D BAKER	EX12-08818	AUG11 MLGE ZB-JA	09/19/2011	20.42
7	KENDELL L KILBORN	EX12-11680	SEP11 MLGE KK-JA	10/17/2011	8.68
8	SHANNON I HETZEL	EX12-11687	SEP11 MLGE SH-JA	10/17/2011	14.76
9	ZACHARY D BAKER	EX12-11729	SEP11 MLGE ZB-JA	10/17/2011	42.85
10	JAMES W ALSPACH	EX12-11734	SEP11 MLGE JA-DO	10/17/2011	13.43
11	ROBERT K GOOD	EX12-11825	SEP11 MLGE BG-JA	10/19/2011	42.46
12	ROBERT K GOOD	EX12-14134	OCT11 MLGE RG-JA	11/16/2011	3.89
13	GREGORY BEHRENS	EX12-14155	OCT11 MLGE GB-JA	11/16/2011	21.06
14	GREGORY BEHRENS	EX12-17886	NOV11 MLGE GB-JA	12/16/2011	7.22
15	ZACHARY D BAKER	EX12-17900	NOV11 MLGE ZB-DO	12/16/2011	32.06
16	KENDELL L KILBORN	EX12-20000	DEC11 MLGE KK-JA	01/18/2012	27.75
17	ROBERT K GOOD	EX12-20010	DEC11 MLGE RG-JA	01/18/2012	3.66
18	ZACHARY D BAKER	EX12-20033	DEC11 MLGE ZA-JA	01/18/2012	29.03
19					


[Signature]
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Filtering by Multiple Criteria

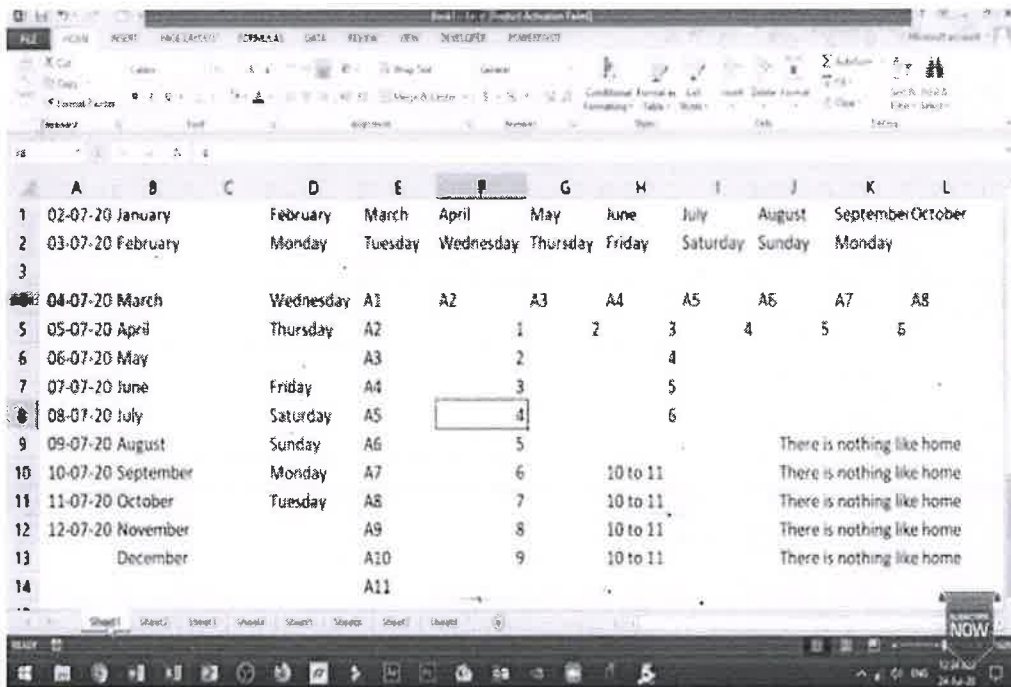
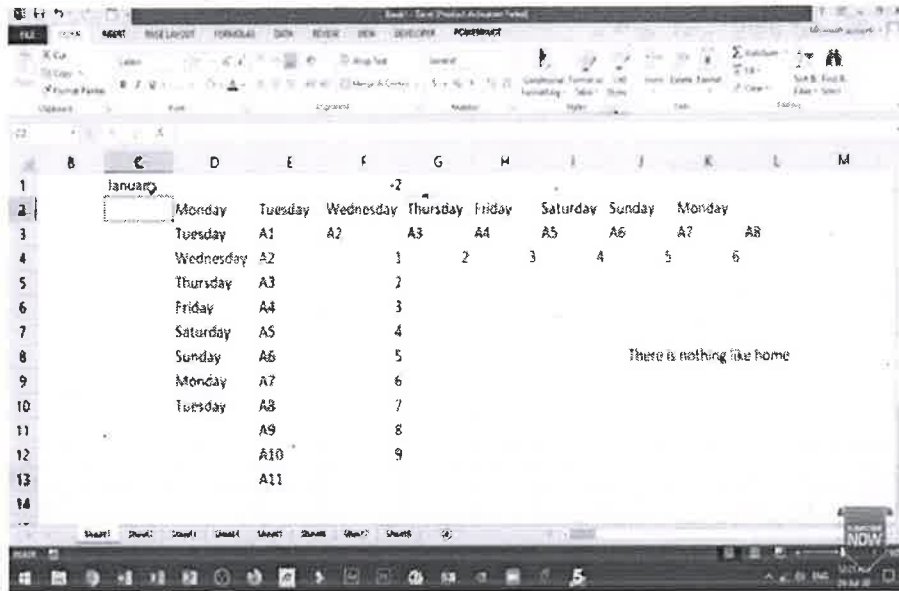
The filtering tool is fine when you only want one item. However the power of the advance filter tool really shines when you want to sort by multiple criteria. There are several thou shalts of advanced filtering.

Thou Shalts of Advanced Filtering	
1	The headers in the criteria range must be exactly as they are in the list range
2	There must be at least one blank row between the criteria range and the list range

Steps For Advanced Filtering	
1	Create a criteria range by inserting a few rows and copying the header from the data range. Although not required, it is often best to have the range above your data for simplicity.
2	Type in the criteria you want to filter by.
3	Have your curser somewhere in the data range
4	Select the Advanced icon  with your left mouse button.
5	The list range most likely will be your data. If not, you will need to correct it.
6	Select your criteria range. <ul style="list-style-type: none">• The range must include the headers of the criteria range• The rows with criteria• All columns in the range
7	Select OK


9
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SAMPLE SCREEN SHOTS



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DEPARTMENT OF MCA

VALUE ADDED COURSE ON MS EXCEL WITH ACCESS

TEST MARK 20 Maximum Mark -20

Date :16.09.2017

1. MS Excel stands for _____
 - A. Micromax Excel
 - B. Management Excel
 - C. Microsoft Excel
 - D. Microsoft Excess
2. MS Excel is a _____.
 - A. Database Management software
 - B. Presentation software
 - C. Workbook software
 - D. Spreadsheet software
3. _____ is the best alternative to MS Excel offered by Google Inc.
 - A. Google Slides
 - B. Google Sheets
 - C. Google Files
 - D. Google Keep
4. Free online version of MS excel is known as _____.
 - A. Office for the web
 - B. Excel Mobile
 - C. Word Mobile
 - D. Excel for the web
5. Microsoft Excel 2019 has column limit of _____.
 - A. 13684
 - B. 16384
 - C. 18634
 - D. 84163
6. MS Excel 2019 has row limit of _____.
 - A. 1,048,576
 - B. 4,81,0576
 - C. 16384
 - D. 1,57,648
7. MS Excel 2019 has maximum column width limit is of _____ characters.
 - A. 256
 - B. 512
 - C. 255
 - D. 128
8. Microsoft Excel was first time launched in _____ by the Microsoft Corporation.
 - A. 1985
 - B. 1991
 - C. 1995
 - D. 1998
9. Formulas in Excel start with _____.
 - A. /
 - B. f
 - C. -
 - D. =



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VALUE ADDED COURSE ON "MS EXCEL WITH ACCESS"

COs AND POs 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 1	PSO 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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principal@egpic.org | enquiry@egpic.org
Counseling Code : 3806

Name of the Participant: Gayathri R
Organization: Esopo
Date: 10.09.2017 to 16.09.2017

	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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Over all how do you rate this function?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Most helpful information and activity (about workshop) Very useful <u>Very Nice</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Counselling Code : 3806 Old Nagore Road, Theini, Nagapattinam - 611002, Tamil Nadu NIFT Engineering Ranking Top 200 in India

Name of the Participant: *Sathya H*

Date: 10.09.2017 to 16.09.2017

Organization: *Egpec*

	Excellent	Good	Average
1. How was the course	<input type="checkbox"/>	<input checked="" 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 (about workshop) Very useful <i>good</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Prof.

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11/11/2017

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NIR: Engineering | Rank: 9 for 200 in India



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

Date: 10.09.2017 to 16.09.2017

Name of the Participant: S. Atharvam

Organization: EGSPEE

	Excellent	Good	Average
1. How was the course	<input type="checkbox"/>	<input checked="" 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 (about workshop) Very useful	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

[Signature]
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VALUE ADDED COURSE ON "MS EXCEL WITH ACCESS

TEST MARK 20 Maximum Mark -20

Date :16.09.2017

El Carol
S. Abhinav

(Signature)

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VALUE ADDED COURSE ON "MS EXCEL WITH ACCESS

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BT careers
Sathya S. H

(Handwritten initials)


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VALUE ADDED COURSE ON "1704CA109-MS EXCEL WITH ACCESS					
ACADEMIC YEAR-2017-2018, I MCA STUDENTS i SEM BATCH (2017-2019)					
S.NO	REGISTER NO	STUDENT NAME	Test Mark1(20)	Test Mark1(20)	Activity (10)
1	E17CAR001	Abirami.S	20	20	9
2	E17CAR005	Dhanushiya.R	18	20	9
3	E17CAR007	Gayathri.M	20	19	9
4	E17CAR008	Gunasekaran.S	20	20	10
5	E17CAR010	Joseph Arul Selvam.A	19	20	10
6	E17CAR011	Karpagam.A	20	20	9
7	E17CAR012	Kowsalya Devi.R	20	18	10
8	E17CAR013	Maheswari.P	17	20	9
9	E17CAR014	Mathubala.K	20	19	10
10	E17CAR016	Pavithra.A	20	17	7
11	E17CAR018	Priyadharshini.G	18	20	10
12	E17CAR021	Ranjith.J	20	20	7
13	E17CAR025	Sathish.H	17	20	10
14	E17CAR027	Soundharya.B	20	19	9


COORDINATORS

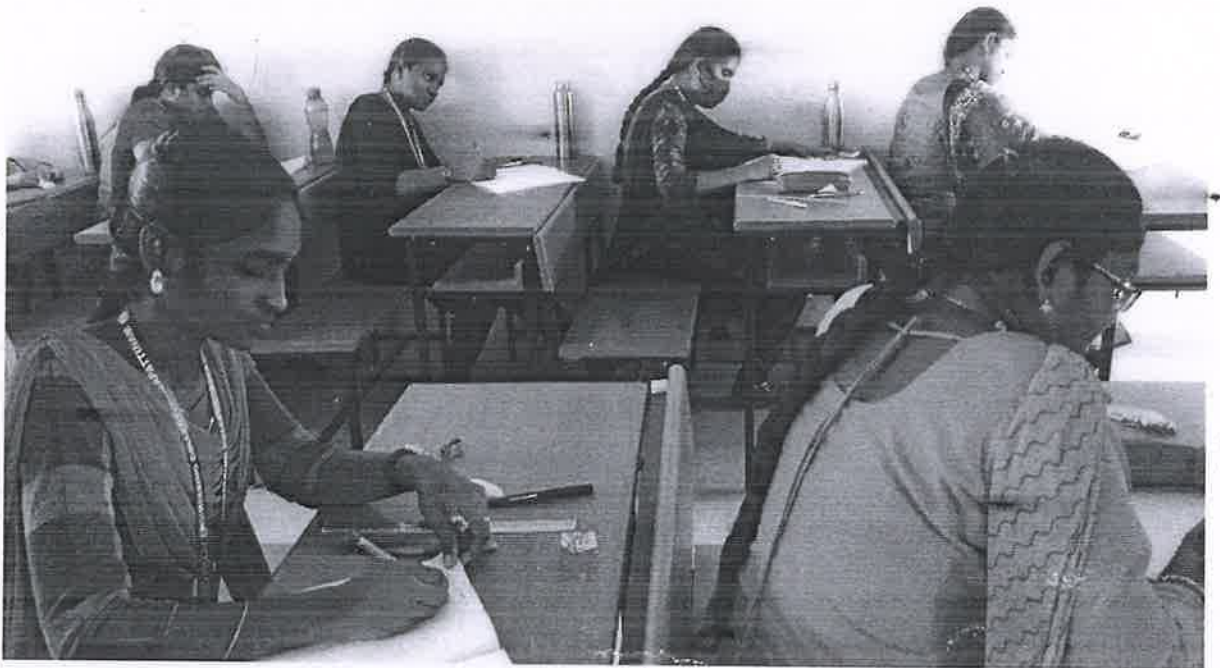

HOD/MCA



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SAMPLE PHOTO



TEST SESSION




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Counseling Code - 3806



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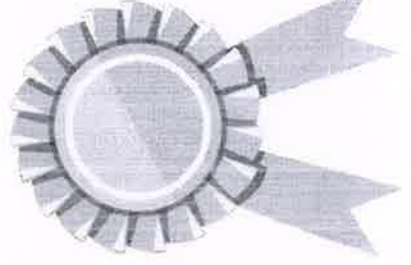
VALUE ADDED COURSE ON "MS EXCEL WITH ACCES"

CERTIFICATE

This is certify that Mr/Ms.ABIRAMI.S(E17CAR001) of First year MCA has attended value added course on "MS Excel With Acces" from 10.09.2017 to 16.09.2017 and completed the course successfully.

Mrs.A.HEMA AP/MCA
COORDINATOR

DR.J.VANITHA
PROFESSOR/HOD/MCA
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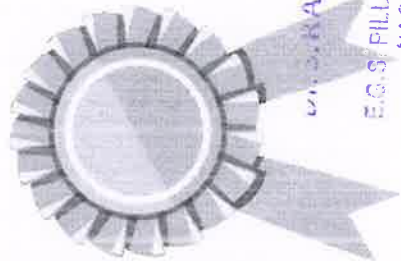
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This is certify that Mr/Ms.DHANUSHIYA.R(E17CAR005) of First year MCA has attended value added course on "MS Excel With Acces" from 10.09.2017 to 16.09.2017 and completed the course successfully.

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COORDINATOR



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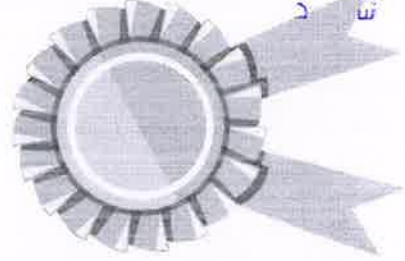
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COORDINATOR



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CONVENER

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