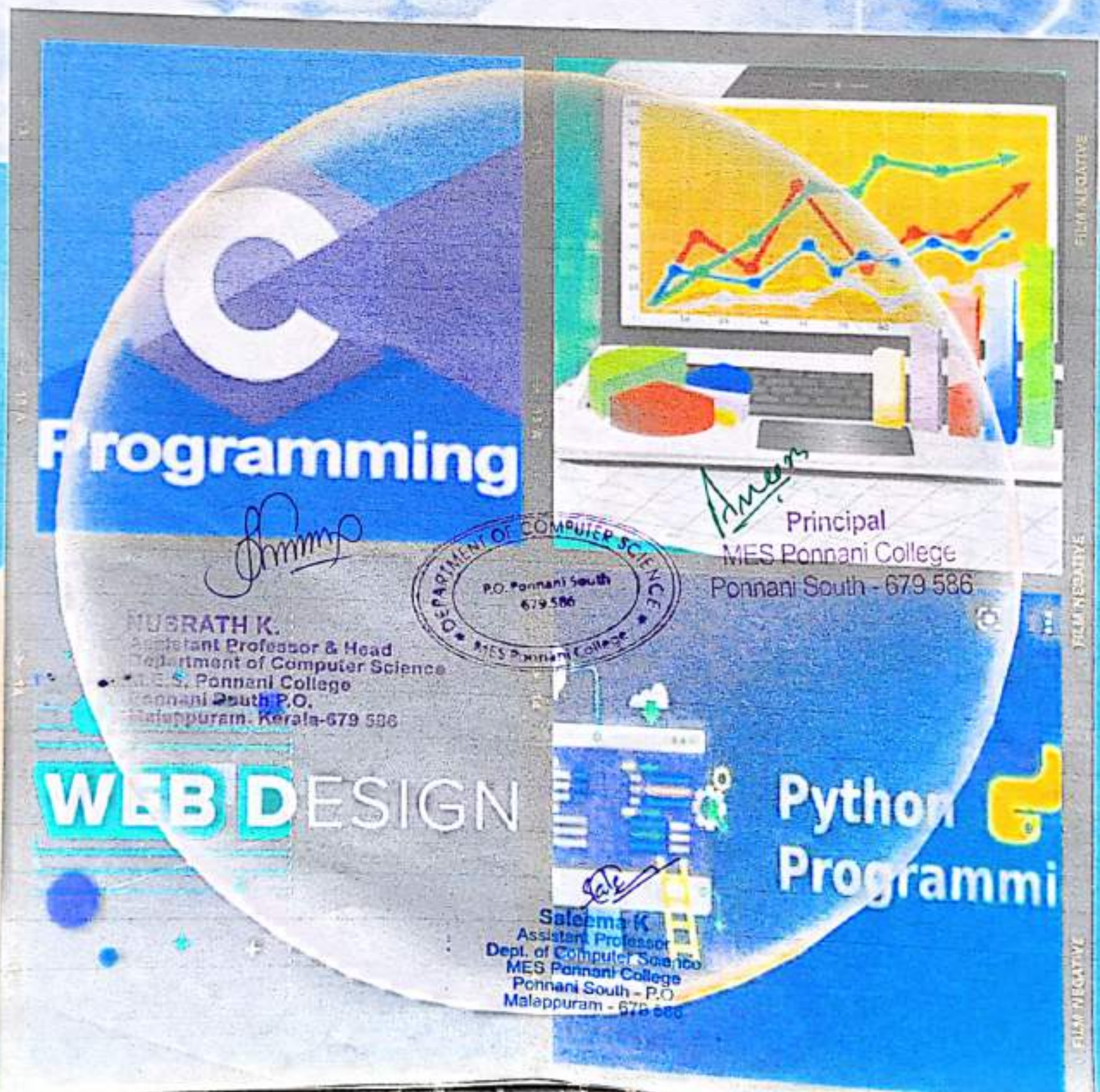


# CERTIFICATE COURSE 2021-2022

## Department of Computer Science

- Statistical data analysis using Excel
- Python Programming
- Programming in C
- Introduction to Web designing – HTML and CSS
- System Administration and Hardware Assembling





# MES PONNANI COLLEGE, PONNANI

## DEPARTMENT OF COMPUTER SCIENCE

Certificate Courses UG

Curriculum, Regulations, Eligibility, Scheme and Syllabus

2021-2022

### I Objective

1. Practical training to students in institutions.
2. Promoting skill development among students by the assistance of teaching faculty.
3. Entrepreneurship development

### II Courses Offered

1. Introduction to Web designing – HTML and CSS
2. Statistical data analysis using Excel
3. Python Programming
4. Programming in C
5. System Administration and Hardware Assembling

### III Eligibility criteria

Those students who passed Plus Two Science / Commerce, as Computer Sciences/ Mathematics as one of the core courses are eligible for admission to this course.

### II The scheme of examination

The course has duration of 30 hours with both theory and practical components. The evaluation scheme for each course shall contain two parts (a) Internal evaluation and (b) external evaluation by conducting examination at the end of the course. The final score = 30% Internal + 70% final certification exam score.


**Internal evaluation:** The internal evaluation shall be based on tests, assignments, seminars and attendance. The score percentage assigned to various components for internal evaluation is as follows.

	Component	Score percentage
1	Assignment/Seminar/Viva	5%
2	Attendance	5%
3	Test paper	20%



  
**Saleema K**  
Assistant Professor  
Dept. of Computer Science  
MES Ponnani College  
Ponnani South - P.O  
Malappuram - 679 586

  
**MUSEETH K.**  
Assistant Professor & Head  
Department of Computer Science  
M.E.S. Ponnani College  
Ponnani South P.O.  
Malappuram. Kerala-679 586

  
**Ameen**  
Principal  
MES Ponnani College  
Ponnani South - 679 586

**External evaluation:**

The external Examination in courses is to be conducted with question papers set by external experts. The evaluation of the answer scripts shall be done by examiners based on a well-defined scheme of valuation.

Letter grade	Performance	Score Percentae
A	Excellent	90 Above
B	Very good	80 Above
C	Good	60 Above
D	Average	50 Above
E	poor	Below 40

The course is evaluated by assigning a letter grade (A, B, C, D or E) to that course calculating the score percentage. An aggregate of C-grade (when external and internal put together) is required in the



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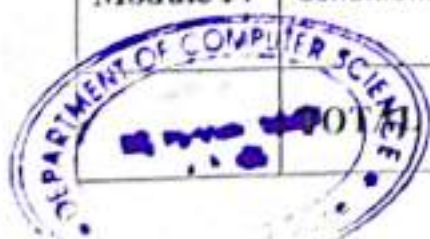
**NUSRATH K.**  
Assistant Professor & Head  
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Ponnani South P.O.  
Malappuram. Kerala-679 586

**Principal**  
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Ponnani South - 679 586



**MES PONNANI COLLEGE, PONNANI**  
**DEPARTMENT OF COMPUTER SCIENCE**  
 Syllabus for Certificate Course 2021-22  
 Statistical Data analysis using Excel

Name of the Course :Statistical Data analysis using Excel	
Course Code :	
Duration : 35Hrs	Maximum Marks: 100
Teaching Scheme :	Examination Scheme:
Theory : 10Hrs	<i>Internal Examination : 30 Marks</i>
Practical : 25 Hrs	<i>Class Test : 20 Marks</i>
Credit : 4	<i>Assignment/Seminar/Viva : 5 Marks</i>
	<i>Attendance : 5 Marks</i>
	<i>External Examination : 70 Marks</i>
<b>Aim</b>	
1.	At the end of the program the students will be able to understand the fundamentals of Data Analysis and Data Visualization using MS-Excel
<b>Objectives - The student will be able to</b>	
1.	Understand the features of MS-Excel to prepare charts, tables, and professional reports and analyze complex data
<b>Pre-Requisite -</b>	
1.	Intended for anyone who is able to interact in English in a classroom environment and possesses knowledge of operating computers and to have a good prior understanding of the basic features available in Microsoft Excel.
<b>Content (Name of Topic)</b>	
<b>Module I</b>	Data Analysis – Overview, Types of Data Analysis, Data Analysis with Excel
<b>Module II</b>	Data Analysis Process, Data Analysis with Excel – Overview, Working with Range Names, Using Names in a Formula, Using Names for Range Intersections, Copying Formulas with Names
<b>Module III</b>	Tables, Cleaning Data with Text Functions, Cleaning Data Containing Date Values
<b>Module IV</b>	Conditional Formatting, Sorting, Filtering, Data visualization
	<b>Hours – Theory(T) / Lab(L)</b>
	<b>2T/8L</b>
	<b>3T/7L</b>
	<b>3T/5L</b>
	<b>2T/5L</b>
	<b>35</b>



**SUGGESTED READINGS:**

1. Microsoft Excel 2019 Data Analysis and Business Modeling
2. Master business modeling and analysis techniques with Microsoft Excel 2016

*Ameen*  
**Principal**  
 MES Ponnani College  
 Ponnani South - 679 586



MES PONNANI COLLEGE, PONNANI  
DEPARTMENT OF COMPUTER SCIENCE

Certificate Courses UG 2021-22  
COURSE : STATISTICAL DATA ANALYSIS USING EXCEL

Enrollment List

SL NO	NAME OF STUDENT	Admission No	Program	Year of Study	Signature
1	ADHIL K UMMER	7568	Bsc . CS	2021-22	
2	ARSHAK K	7481	Bsc . CS	2021-22	
3	LABEEB K	7594	Bsc . CS	2021-22	
4	SHAMEER ALI	7648	Bsc . CS	2021-22	
5	SHINU P P	7723	Bsc . CS	2021-22	
6	FARSHANA	7694	Bsc . CS	2021-22	
7	HAMNA NAZRIN	7760	Bsc . CS	2021-22	
8	JASEELA H	6549	Bsc . CS	2021-22	
9	MOHAMMED FARHAN	7682	Bsc . CS	2021-22	
10	MOHAMMED HASEEB	7448	Bsc . CS	2021-22	
11	MOHAMMED NABEEL	7590	Bsc . CS	2021-22	
12	MOHAMMED NISAMUDHEEN	7628	Bsc . CS	2021-22	
13	LIYANA U K	8340	Bsc . CS	2021-22	
14	SHABANA C M	7957	Bsc . CS	2021-22	
15	SREENA C S	7839	Bsc . CS	2021-22	
16	MISAB P V	7935	Bsc . CS	2021-22	
17	MUHAMMED NAZMAL N K	8348	Bsc . CS	2021-22	
18	PURUSHOTHAMAN KV	7904	Bsc . CS	2021-22	
19	SHAMNAD K	8112	Bsc . CS	2021-22	
20	SIBI M S	7865	Bsc . CS	2021-22	
21	ASMI T	8337	Bsc . CS	2021-22	
22	ATHIKHA SHAHANAS K	7845	Bsc . CS	2021-22	
23	AYSHA NOREEN RAKEEB	8370	Bsc . CS	2021-22	
24	FATHIMA FIDHA T	8135	Bsc . CS	2021-22	
25	GAYATHRI P	7851	Bsc . CS	2021-22	
26	HARSHA K	7889	Bsc . CS	2021-22	
27	KARTHIKA B	7797	Bsc . CS	2021-22	
28	KRISHNAJA T P	8439	Bsc . CS	2021-22	

29	LAMIYA R K	8096	Bsc CS	2021-22	<u>Leel</u>
30	NANDANA M P	8090	Bsc CS	2021-22	<u>Rkul</u>
31	NUSAIMA	8338	Bsc CS	2021-22	<u>NO</u>
32	SALIHA	8330	Bsc CS	2021-22	<u>S</u>
33	SHAMNA SHERIN K	8336	Bsc CS	2021-22	<u>Shamna</u>
34	THASLIYA	7912	Bsc CS	2021-22	<u>Thasliya</u>
35	ASWIN C P	8437	Bsc CS	2021-22	<u>AS</u>
36	BIBIN K P	7882	Bsc CS	2021-22	<u>Bibin</u>
37	MISAB P V	7935	Bsc CS	2021-22	<u>Misab</u>
38	MUHAMMED SHAMEEM T S	8857	Bsc CS	2021-22	<u>MS</u>
39	AMEGHA SHAJI	8634	Bsc CS	2021-22	<u>Ame</u>
40	MEGHINA P	8993	Bsc CS	2021-22	<u>Meghina</u>
41	SAI KRISHNA C	8609	Bsc CS	2021-22	<u>Sai</u>
42	SUFNA NASRIN	8840	Bsc CS	2021-22	<u>Sufna</u>
43	ADARSH P	8969	Bsc CS	2021-22	<u>Adarsh</u>
44	ALBIN JOHN WILSON	8970	Bsc CS	2021-22	<u>Albin</u>
45	DEEPAK P	8975	Bsc CS	2021-22	<u>Deepak</u>
46	RAHUL R	8633	Bsc CS	2021-22	<u>Rahul</u>

Course Coordinator :

Saleema K

**Saleema K**  
Assistant Professor  
Dept. of Computer Science  
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Ponnani South - P.O.  
Malappuram - 679 586

HOD :

M. Srathik

**M. SRATHIK**  
Assistant Professor & Head  
Department of Computer Science  
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Principal :

Aneem

**Aneem**  
Assistant Professor  
in charge of the Principal  
MES Ponnani College  
P.O. Ponnani South - 679 586





13	LIYANA U K	ly	ly	ly	ly	ly	ly	ly	ly	ly	ly	ly	ly	ly	ly	ly
14	SHABANA C M	sh	sh	sh	sh	sh	sh	sh	sh	sh	sh	sh	sh	sh	sh	sh
15	SREENA C S	sr	sr	sr	sr	sr	sr	sr	sr	sr	sr	sr	sr	sr	sr	sr
16	MISAB P V	mi	mi	mi	mi	mi	mi	mi	mi	mi	mi	mi	mi	mi	mi	mi
17	MUHAMMED NAZMAL N K	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
18	PURUSHOTHAMAN KV	pu	pu	pu	pu	pu	pu	pu	pu	pu	pu	pu	pu	pu	pu	pu
19	SHAMNAD K	sh	sh	sh	sh	sh	sh	sh	sh	sh	sh	sh	sh	sh	sh	sh
20	SIBI M S	si	si	si	si	si	si	si	si	si	si	si	si	si	si	si
21	ASMI T	as	as	as	as	as	as	as	as	as	as	as	as	as	as	as
22	ATHIKHA SHAHANAS K	ath	ath	ath	ath	ath	ath	ath	ath	ath	ath	ath	ath	ath	ath	ath
23	AYSHA NOREEN RAKEEB	ay	ay	ay	ay	ay	ay	ay	ay	ay	ay	ay	ay	ay	ay	ay
24	FATHIMA FIDHA T	fa	fa	fa	fa	fa	fa	fa	fa	fa	fa	fa	fa	fa	fa	fa
25	GAYATHRI P	ga	ga	ga	ga	ga	ga	ga	ga	ga	ga	ga	ga	ga	ga	ga
26	HARSHA K	ha	ha	ha	ha	ha	ha	ha	ha	ha	ha	ha	ha	ha	ha	ha
27	KARTHIKA B	ka	ka	ka	ka	ka	ka	ka	ka	ka	ka	ka	ka	ka	ka	ka
28	KRISHNAJA T P	kr	kr	A	kr	kr	kr	kr	kr	kr	kr	kr	kr	kr	kr	kr
29	LAMIYA R K	la	la	La	la	A	la	la	la	la	la	la	la	la	la	la
30	NANDANA M P	na	na	A	na	A	na	A	na	na	na	na	na	na	A	na
31	NUSAIMA	nu	nu	nu	nu	nu	A	nu	nu	A	nu	nu	A	nu	nu	nu



32	SALIHA	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>
33	SHAMNA SHERIN K	<i>Shamna</i>	<i>Shamna</i>	<i>Shamna</i>	<i>Shamna</i>	<i>Shamna</i>	<i>Shamna</i>	<i>Shamna</i>	<i>Shamna</i>	<i>Shamna</i>	<i>Shamna</i>	<i>Shamna</i>	<i>Shamna</i>	<i>Shamna</i>	<i>Shamna</i>	<i>Shamna</i>
34	THASLIYA	<i>Thasliya</i>	<i>Thasliya</i>	<i>Thasliya</i>	<i>Thasliya</i>	<i>Thasliya</i>	<i>Thasliya</i>	<i>Thasliya</i>	<i>Thasliya</i>	<i>Thasliya</i>	<i>Thasliya</i>	<i>Thasliya</i>	<i>Thasliya</i>	<i>Thasliya</i>	<i>Thasliya</i>	<i>Thasliya</i>
35	ASWIN C P	<i>Aswin</i>	<i>Aswin</i>	<i>Aswin</i>	<i>Aswin</i>	<i>Aswin</i>	<i>Aswin</i>	<i>Aswin</i>	<i>Aswin</i>	<i>Aswin</i>	<i>Aswin</i>	<i>Aswin</i>	<i>Aswin</i>	<i>Aswin</i>	<i>Aswin</i>	<i>Aswin</i>
36	BIBIN K P	<i>Bibin</i>	<i>Bibin</i>	<i>Bibin</i>	<i>Bibin</i>	<i>Bibin</i>	<i>Bibin</i>	<i>Bibin</i>	<i>Bibin</i>	<i>Bibin</i>	<i>Bibin</i>	<i>Bibin</i>	<i>Bibin</i>	<i>Bibin</i>	<i>Bibin</i>	<i>Bibin</i>
37	MISAB P V	<i>Misab</i>	<i>Misab</i>	<i>Misab</i>	<i>Misab</i>	<i>Misab</i>	<i>Misab</i>	<i>Misab</i>	<i>Misab</i>	<i>Misab</i>	<i>Misab</i>	<i>Misab</i>	<i>Misab</i>	<i>Misab</i>	<i>Misab</i>	<i>Misab</i>
38	MUHAMMED SHAMEEM T S	<i>Muhammed</i>	<i>Muhammed</i>	<i>Muhammed</i>	<i>Muhammed</i>	<i>Muhammed</i>	<i>Muhammed</i>	<i>Muhammed</i>	<i>Muhammed</i>	<i>Muhammed</i>	<i>Muhammed</i>	<i>Muhammed</i>	<i>Muhammed</i>	<i>Muhammed</i>	<i>Muhammed</i>	<i>Muhammed</i>
39	AMEGHA SHAJI	<i>Amegha</i>	<i>Amegha</i>	<i>Amegha</i>	<i>Amegha</i>	<i>Amegha</i>	<i>Amegha</i>	<i>Amegha</i>	<i>Amegha</i>	<i>Amegha</i>	<i>Amegha</i>	<i>Amegha</i>	<i>Amegha</i>	<i>Amegha</i>	<i>Amegha</i>	<i>Amegha</i>
40	MEGHNA P	<i>Meghna</i>	<i>Meghna</i>	<i>Meghna</i>	<i>Meghna</i>	<i>Meghna</i>	<i>Meghna</i>	<i>Meghna</i>	<i>Meghna</i>	<i>Meghna</i>	<i>Meghna</i>	<i>Meghna</i>	<i>Meghna</i>	<i>Meghna</i>	<i>Meghna</i>	<i>Meghna</i>
41	SAI KRISHNA C	<i>Sai</i>	<i>Sai</i>	<i>Sai</i>	<i>Sai</i>	<i>Sai</i>	<i>Sai</i>	<i>Sai</i>	<i>Sai</i>	<i>Sai</i>	<i>Sai</i>	<i>Sai</i>	<i>Sai</i>	<i>Sai</i>	<i>Sai</i>	<i>Sai</i>
42	SUFNA NASRIN	<i>Sufna</i>	<i>Sufna</i>	<i>Sufna</i>	<i>Sufna</i>	<i>Sufna</i>	<i>Sufna</i>	<i>Sufna</i>	<i>Sufna</i>	<i>Sufna</i>	<i>Sufna</i>	<i>Sufna</i>	<i>Sufna</i>	<i>Sufna</i>	<i>Sufna</i>	<i>Sufna</i>
43	ADARSH P	<i>Adarsh</i>	<i>Adarsh</i>	<i>Adarsh</i>	<i>Adarsh</i>	<i>Adarsh</i>	<i>Adarsh</i>	<i>Adarsh</i>	<i>Adarsh</i>	<i>Adarsh</i>	<i>Adarsh</i>	<i>Adarsh</i>	<i>Adarsh</i>	<i>Adarsh</i>	<i>Adarsh</i>	<i>Adarsh</i>
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*Shamir*  
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*Ameen*  
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 in charge of the Principal  
 MES Ponnani College  
 P.O. Ponnani South 579 586



# MES PONNANI COLLEGE, PONNANI

## DEPARTMENT OF COMPUTER SCIENCE

### Certificate Course

### Summary Report 2021-2022

#### Report on Certificate Course Conducted 2021-2022

The Department of Computer Science has conducted 5 certificate Courses. The details are mentioned below.

Sl. No.	Name of Course	Co-ordinator	No of students enrolled	No of students Passed
1	Statistical Data Analysis Using Excel	Saleema K	46	46
2	System Administration and Hardware Assembly	Saleema K	48	48
3	Python Programming	Nusrath K	134	134
4	Introduction To Web Designing HTML and CSS	Nusrath K	48	48
5	C programming	Aneeshya C A	48	48

The courses were conducted from June - 2021 to January - 2022 successfully and distributed certificates for all the students.

  
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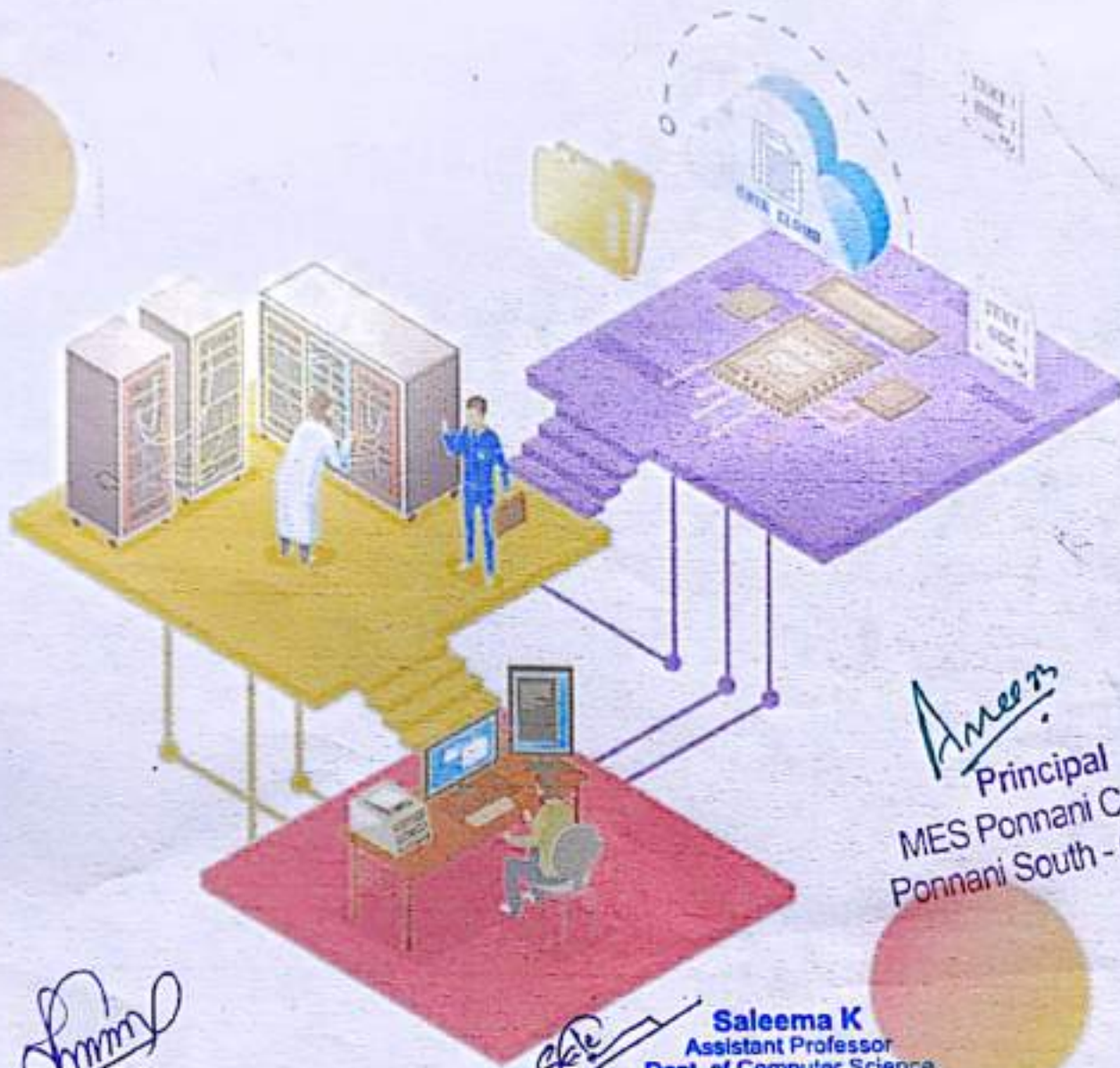


# MES PONNANI COLLEGE

Govt. Aided Institution | Affiliated to the University of Calicut | Estd.: 1968 Recognized under UGC 2(f) & 12(B) | Re-accredited by NAAC with A+ Grade (CGPA 3.46)

## DEPARTMENT OF COMPUTER SCIENCE

### CERTIFICATE COURSE IN



*Jimmy*

*Aneem*

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**Saleema K**  
Assistant Professor  
Dept. of Computer Science  
MES Ponnani College  
Ponnani South - P.O  
Malappuram - 679 586

# SYSTEM ADMINISTRATION AND HARDWARE ASSEMBLING

COURSE COORDINATOR  
SALEEMA K  
(Assistant Professor)



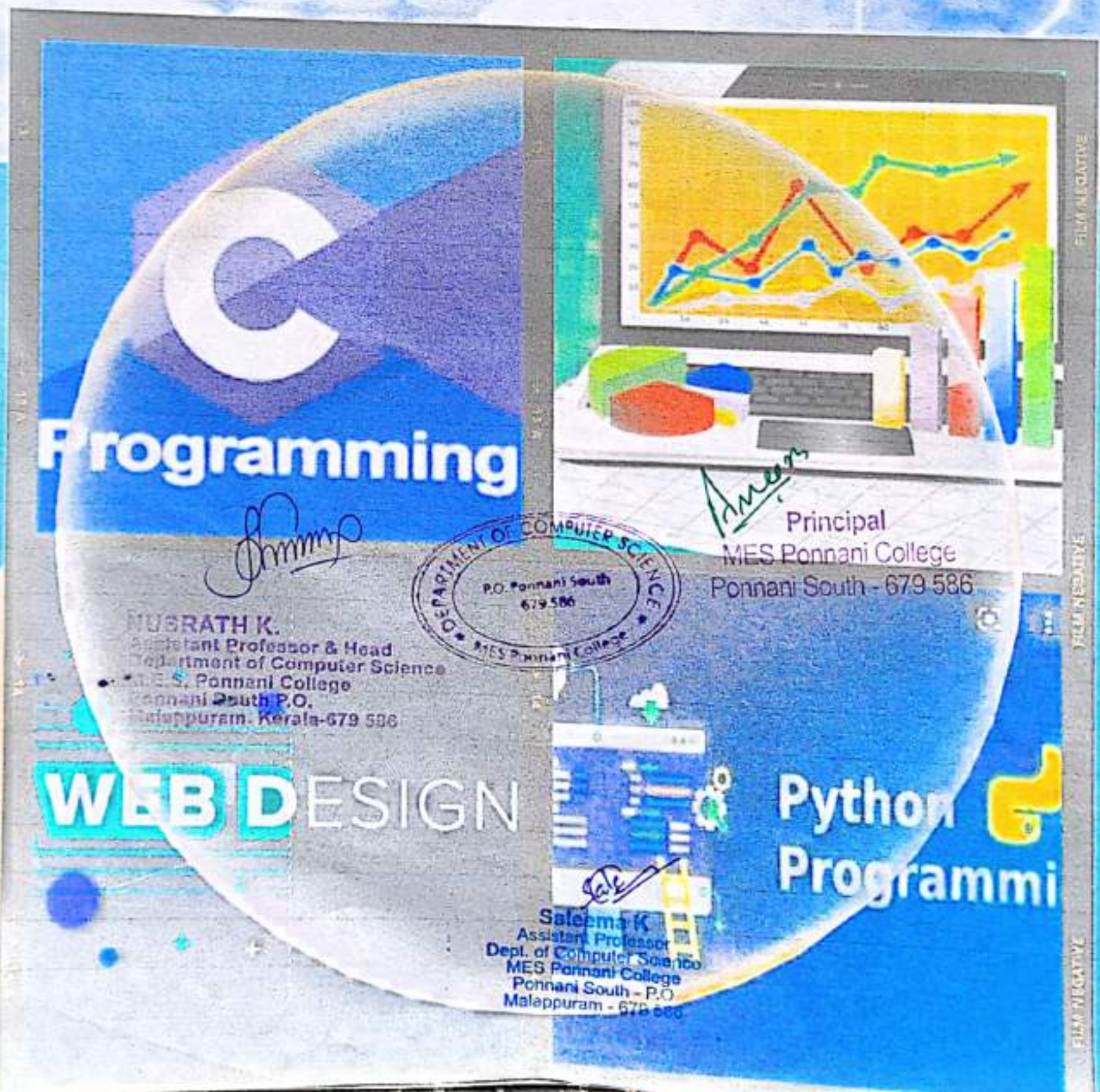
CLASS STARTS ON | COURSE DURATION  
2nd MARCH 2022 | 30 HOURS



# CERTIFICATE COURSE 2021-2022

## Department of Computer Science

- Statistical data analysis using Excel
- Python Programming
- Programming in C
- Introduction to Web designing – HTML and CSS
- System Administration and Hardware Assembling





# MES PONNANI COLLEGE, PONNANI

## DEPARTMENT OF COMPUTER SCIENCE

Certificate Courses UG

Curriculum, Regulations, Eligibility, Scheme and Syllabus

2021-2022

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**M. SATHYA K.**  
Assistant Professor & Head  
Department of Computer Science  
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**Ameen**  
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**MES PONNANI COLLEGE, PONNANI**  
**DEPARTMENT OF COMPUTER SCIENCE**  
 Syllabus for Certificate Course 2021-22  
 System Administration and Hardware Assembling

Name of the Course : <b>System Administration and Hardware Assembling</b>	
Course Code :	
<b>Duration : 30 Hrs</b>	<b>Maximum Marks: 100</b>
<b>Teaching Scheme :</b>	<b>Examination Scheme:</b>
Theory : 9 Hrs	<i>Internal Examination : 30 Marks</i>
Practical : Linux and Hardware Lab	<i>Class Test : 20 Marks</i>
Credit : 4	<i>Assignment/Seminar/Viva : 5 Marks</i>
	<i>Attendance : 5 Marks</i>
Practical : 21Hrs	<i>External Examination : 70 Marks</i>
<b>Aim</b>	
1.	To develop the skill & knowledge of Linux os system administration
2.	Students will understand and know how they can do system maintenance and upkeep of servers for ensuring internal systems are secure and protected from breaches and viruses.
<b>Objectives - The student will be able to</b>	
1.	Ensure computer systems and services working properly.
2.	Maintain and operate a computer system or network for a company or other organization
3.	Developing and maintaining computer processes to identify operational and developmental systems
<b>Pre-Requisite -</b>	
1.	Knowledge of basic Computer hardware & software.

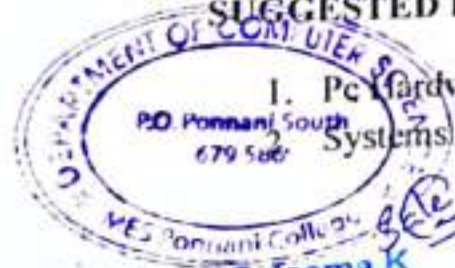
	<b>Content (Name of Topic)</b>	<b>Hours – Theory(T) / Lab(L)</b>
<b>Module I</b>	<b>Overview of Linux</b> , What is Linux, Linux's root in Unix, Common Linux Features, advantage of Linux, Overview of Unix and Linux architectures, Linux files system, hardware requirements for Linux, Linux standard directories, Commands for files and directories cd, ls, cp, rm, mkdir, rmdir, pwd, file, more, less, Creating and viewing files using cat, file comparisons	<b>2T/6L</b>
<b>Module II</b>	<b>Essential Linux commands</b> , Processes in Linux, Process fundamentals, Connecting processes with pipes, Redirecting input, Redirecting output, Background processing, Managing multiple processes, Process scheduling – (at,batch), nohup command, kill, ps, who, find, sort, touch, file, file processing commands – wc, cut, paste etc, Mathematical commands – expr, factor etc, Creating files with vi editor., Editing files with vi editor.	<b>2T/4L</b>



Module III	<p><b>System administration</b>, Common administrative tasks, identifying administrative files, Configuration and log files, Role of system administrator, Managing user accounts -adding users, Managing user accounts - deleting users, Changing permissions and ownerships, Creating and managing groups, Modifying group attributes, Temporary disabling of users accounts, Creating and mounting file system, Checking and monitoring system performance, file security &amp; Permissions, becoming super user using su, Getting system information with uname, host name, Disk partitions &amp; sizes, users, kernel, installing and removing packages, rpm command, Simple filter commands &amp; Understanding various Servers., Filter Commands-pr, head, tail, Filter Commands -cut, sort., Filter Commands-uniq, tr., Filter using regular expression grep., Filter using regular expression egrep, sed, DHCP, DNS, Squid, Apache, Telnet, FTP, Samba</p>	2T/4L
Module IV	<p>1. <b>Introduction to PC Hardware:</b> Study of basic I/O systems, Types of Memories- Static RAM and Dynamic RAM, ROM, PROM, EPROM, EEPROM, CPU (Central Processing Unit)- ALU and control unit.  2. <b>Motherboard and Processor:</b> Study of different types of Motherboards, Motherboard Configuration, Identifying Internal and External connectors, Types of data cables, Types of Processor- Intel Pentium IV, Dual core, Core 2 Duo, Quad processor etc.,  3. <b>BIOS Configuration:</b> Study of BIOS Set-up- Advance set-up, Boot configuration, Boot Menu.  4. <b>Installation of OS (Operating Software)</b>  5. <b>Hard Disk:</b> Formatting of Hard disk, Partitioning of Hard disk in different logical drives, Disk defragmentation, Disk clean up, Scan disk etc.,</p>	1T/3L
Module V	<p>6. <b>Installation of Device Drivers:</b> Different types of Motherboard drivers, LAN, Audio, and Video.  7. <b>Configuration of External devices:</b> Physical set-up of Printers- Performing test print out, Printing of document etc, Scanner set-up, Webcam, Bluetooth device, Memory card reader etc.  8. <b>Diagnostic and troubleshooting of PC:</b> POST (Power on Self Test), identifying problems by Beep codes errors, checking power supply using Multi-meter, Replacement of components etc.</p>	2T/4L
	<b>TOTAL</b>	<b>30</b>

**SUGGESTED READINGS:**

1. Pc Hardware: The Complete Reference 1st Edition.  
Systems And Network Administration, Firoz A



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*[Signature]*

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Principal  
MES Ponnani College  
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MES PONNANI COLLEGE, PONNANI  
DEPARTMENT OF COMPUTER SCIENCE

Certificate Courses UG 2021-22

COURSE : SYSTEM ADMINISTRATION AND HARDWARE ASSEMBLY

Enrollment List

SL NO	NAME OF STUDENT	Admission No	Program	Year of Study	Signature
1	FATHIMATHUL FIDHA	8846	Bsc . CS	2021-22	
2	MEHADIYA	9077	Bsc . CS	2021-22	
3	ABDULMUTHALIB	8994	Bsc . CS	2021-22	
4	SIBI M S	7865	Bsc . CS	2021-22	
5	FATHIMA FIDHA T	8135	Bsc . CS	2021-22	
6	GAYATHRI P	7851	Bsc . CS	2021-22	
7	KARTHIKA B	7797	Bsc . CS	2021-22	
8	KRISHNAJA T P	8439	Bsc . CS	2021-22	
9	LAMIYA R K	8096	Bsc . CS	2021-22	
10	NANDANA M P	8090	Bsc . CS	2021-22	
11	SHAMNA SHERIN K	8336	Bsc . CS	2021-22	
12	THASLIYA	7912	Bsc . CS	2021-22	
13	ASWIN C P	8437	Bsc . CS	2021-22	
14	SAI KRISHNA C	8609	Bsc . CS	2021-22	
15	SUFNA NASRIN	8840	Bsc . CS	2021-22	
16	ADARSH P	8969	Bsc . CS	2021-22	
17	ALBIN JOHN WILSON	8970	Bsc . CS	2021-22	
18	DEEPAK P	8975	Bsc . CS	2021-22	
19	RAHUL R	8633	Bsc . CS	2021-22	
20	VYSHNAV R P	9085	Bsc . CS	2021-22	
21	AISWARYA N V	8999	Bsc . CS	2021-22	
22	ASIFA	9016	Bsc . CS	2021-22	
23	DILNA SHERIN C	8924	Bsc . CS	2021-22	
24	FATHIMA ADHILA	8878	Bsc . CS	2021-22	
25	JASNA SHERIN M	9045	Bsc . CS	2021-22	
26	LULU FATHIMA K M	8931	Bsc . CS	2021-22	
27	MAHEERA SAAD P	9055	Bsc . CS	2021-22	
28	NASNI K T	8753	Bsc . CS	2021-22	

29	NIDA NASRIN P	9051	BSc. CS	2021-22	<i>Nida</i>
30	NIHALA T	8836	BSc. CS	2021-22	<i>Nihala</i>
31	SAHLA SHERIN	9043	BSc. CS	2021-22	<i>Sahla</i>
32	SHAFNA SHAFIA	9003	BSc. CS	2021-22	<i>Shafna</i>
33	SHAFNA SHERIN P	9054	BSc. CS	2021-22	<i>Shafna</i>
34	SREYA S	8966	BSc. CS	2021-22	<i>Sreya</i>
35	MURSHID ARAFATH C	7561	BSc. CS	2021-22	<i>Murshid</i>
36	NAVEEN T P	7301	BSc. CS	2021-22	<i>Naveen</i>
37	PRANAV K P	7441	BSc. CS	2021-22	<i>Pranav</i>
38	SALAHUDEEN AYYOobi T	7527	BSc. CS	2021-22	<i>Salahudeen</i>
39	SHIBIN M	7297	BSc. CS	2021-22	<i>Shibin</i>
40	SOJITH A P	7656	BSc. CS	2021-22	<i>Sojith</i>
41	ANAGHA T	7704	BSc. CS	2021-22	<i>Anagha</i>
42	FAHMIDHA P A	7759	BSc. CS	2021-22	<i>Fahmidha</i>
43	HASNA NAHARIYA C	7736	BSc. CS	2021-22	<i>Hasna</i>
44	HASNUL SANNA	7683	BSc. CS	2021-22	<i>Hasnul</i>
45	NIHAL E	8921	BSc. CS	2021-22	<i>Nihala</i>
46	PRABHUL BABU C P	8964	BSc. CS	2021-22	<i>Prabhul</i>
47	RAHUL KRISHNAN	8891	BSc. CS	2021-22	<i>Rahul</i>
48	VISHNU P K	9103	BSc. CS	2021-22	<i>Vishnu</i>

Course Coordinator :

*Sale*

**Saleema K**  
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HOD :

*Shimmi*

**NUSTADH R.**  
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Principal :

*Anam*  
**Anam**  
Assistant Professor  
in charge of the Principal  
MES Ponnani College  
P.O. Ponnani South - 679 586





32	SHAFNA SHAFI A	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>
33	SHAFNA SHERIN P	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>
34	SREYA S	<del>Sreya</del>	<del>Sreya</del>	<del>Sreya</del>	<del>Sreya</del>	<del>Sreya</del>	<del>Sreya</del>	<del>Sreya</del>	<del>Sreya</del>	<del>Sreya</del>	<del>Sreya</del>	<del>Sreya</del>	<del>Sreya</del>	<del>Sreya</del>	<del>Sreya</del>	<del>Sreya</del>
35	MURSHID ARAFATH C	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>
36	NAVEEN T P	<del>Naveen</del>	<del>Naveen</del>	<del>Naveen</del>	<del>Naveen</del>	<del>Naveen</del>	<del>Naveen</del>	<del>Naveen</del>	<del>Naveen</del>	<del>Naveen</del>	<del>Naveen</del>	<del>Naveen</del>	<del>Naveen</del>	<del>Naveen</del>	<del>Naveen</del>	<del>Naveen</del>
37	PRANAV K P	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>
38	SALAHUDEEN AYYOOBI T	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>
39	SHIBIN M	<del>Shibin</del>	<del>Shibin</del>	<del>Shibin</del>	<del>Shibin</del>	<del>Shibin</del>	<del>Shibin</del>	<del>Shibin</del>	<del>Shibin</del>	<del>Shibin</del>	<del>Shibin</del>	<del>Shibin</del>	<del>Shibin</del>	<del>Shibin</del>	<del>Shibin</del>	<del>Shibin</del>
40	SOJITH A P	<del>Sojith</del>	<del>Sojith</del>	<del>Sojith</del>	<del>Sojith</del>	<del>Sojith</del>	<del>Sojith</del>	<del>Sojith</del>	<del>Sojith</del>	<del>Sojith</del>	<del>Sojith</del>	<del>Sojith</del>	<del>Sojith</del>	<del>Sojith</del>	<del>Sojith</del>	<del>Sojith</del>
41	ANAGHA T	<del>Anagha</del>	<del>Anagha</del>	<del>Anagha</del>	<del>Anagha</del>	<del>Anagha</del>	<del>Anagha</del>	<del>Anagha</del>	<del>Anagha</del>	<del>Anagha</del>	<del>Anagha</del>	<del>Anagha</del>	<del>Anagha</del>	<del>Anagha</del>	<del>Anagha</del>	<del>Anagha</del>
42	FAHMIDHA P A	<del>Fahmidha</del>	<del>Fahmidha</del>	<del>Fahmidha</del>	<del>Fahmidha</del>	<del>Fahmidha</del>	<del>Fahmidha</del>	<del>Fahmidha</del>	<del>Fahmidha</del>	<del>Fahmidha</del>	<del>Fahmidha</del>	<del>Fahmidha</del>	<del>Fahmidha</del>	<del>Fahmidha</del>	<del>Fahmidha</del>	<del>Fahmidha</del>
43	HASNA NAHARIYA C	<del>Hasna</del>	<del>Hasna</del>	<del>Hasna</del>	<del>Hasna</del>	<del>Hasna</del>	<del>Hasna</del>	<del>Hasna</del>	<del>Hasna</del>	<del>Hasna</del>	<del>Hasna</del>	<del>Hasna</del>	<del>Hasna</del>	<del>Hasna</del>	<del>Hasna</del>	<del>Hasna</del>
44	HASNUL SANNA	<del>Hasnul</del>	<del>Hasnul</del>	<del>Hasnul</del>	<del>Hasnul</del>	<del>Hasnul</del>	<del>Hasnul</del>	<del>Hasnul</del>	<del>Hasnul</del>	<del>Hasnul</del>	<del>Hasnul</del>	<del>Hasnul</del>	<del>Hasnul</del>	<del>Hasnul</del>	<del>Hasnul</del>	<del>Hasnul</del>
45	NIHAL E	<del>Nihal</del>	<del>Nihal</del>	<del>Nihal</del>	<del>Nihal</del>	<del>Nihal</del>	<del>Nihal</del>	<del>Nihal</del>	<del>Nihal</del>	<del>Nihal</del>	<del>Nihal</del>	<del>Nihal</del>	<del>Nihal</del>	<del>Nihal</del>	<del>Nihal</del>	<del>Nihal</del>
46	PRABHUL BABU C P	<del>Prabhul</del>	<del>Prabhul</del>	<del>Prabhul</del>	<del>Prabhul</del>	<del>Prabhul</del>	<del>Prabhul</del>	<del>Prabhul</del>	<del>Prabhul</del>	<del>Prabhul</del>	<del>Prabhul</del>	<del>Prabhul</del>	<del>Prabhul</del>	<del>Prabhul</del>	<del>Prabhul</del>	<del>Prabhul</del>
47	RAHUL KRISHNAN	<del>Rahul</del>	<del>Rahul</del>	<del>Rahul</del>	<del>Rahul</del>	<del>Rahul</del>	<del>Rahul</del>	<del>Rahul</del>	<del>Rahul</del>	<del>Rahul</del>	<del>Rahul</del>	<del>Rahul</del>	<del>Rahul</del>	<del>Rahul</del>	<del>Rahul</del>	<del>Rahul</del>
48	VISHNU P K	<del>Vishnu</del>	<del>Vishnu</del>	<del>Vishnu</del>	<del>Vishnu</del>	<del>Vishnu</del>	<del>Vishnu</del>	<del>Vishnu</del>	<del>Vishnu</del>	<del>Vishnu</del>	<del>Vishnu</del>	<del>Vishnu</del>	<del>Vishnu</del>	<del>Vishnu</del>	<del>Vishnu</del>	<del>Vishnu</del>

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# MES PONNANI COLLEGE, PONNANI

## DEPARTMENT OF COMPUTER SCIENCE

### Certificate Course

### Summary Report 2021-2022

#### Report on Certificate Course Conducted 2021-2022

The Department of Computer Science has conducted 5 certificate Courses. The details are mentioned below.

Sl. No.	Name of Course	Co-ordinator	No of students enrolled	No of students Passed
1	Statistical Data Analysis Using Excel	Saleema K	46	46
2	System Administration and Hardware Assembly	Saleema K	48	48
3	Python Programming	Nusrath K	134	134
4	Introduction To Web Designing HTML and CSS	Nusrath K	48	48
5	C programming	Aneeshya C A	48	48

The courses were conducted from June - 2021 to January - 2022 successfully and distributed certificates for all the students.

  
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# CERTIFICATE COURSE 2021-2022

## Department of Computer Science

- Statistical data analysis using Excel
- Python Programming
- Programming in C
- Introduction to Web designing – HTML and CSS
- System Administration and Hardware Assembling





# MES PONNANI COLLEGE, PONNANI

## DEPARTMENT OF COMPUTER SCIENCE

Certificate Courses UG

Curriculum, Regulations, Eligibility, Scheme and Syllabus

2021-2022

### I Objective

1. Practical training to students in institutions.
2. Promoting skill development among students by the assistance of teaching faculty.
3. Entrepreneurship development

### II Courses Offered

1. Introduction to Web designing – HTML and CSS
2. Statistical data analysis using Excel
3. Python Programming
4. Programming in C
5. System Administration and Hardware Assembling

### III Eligibility criteria

Those students who passed Plus Two Science / Commerce, as Computer Sciences/ Mathematics as one of the core courses are eligible for admission to this course.

### II The scheme of examination

The course has duration of 30 hours with both theory and practical components. The evaluation scheme for each course shall contain two parts (a) Internal evaluation and (b) external evaluation by conducting examination at the end of the course. The final score = 30% Internal + 70% final certification exam score.

**Internal evaluation:** The internal evaluation shall be based on tests, assignments, seminars and attendance. The score percentage assigned to various components for internal evaluation is as follows.

	Component	Score percentage
1	Assignment/Seminar/Viva	5%
2	Attendance	5%
3	Test paper	20%



  
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**M. SATHYA K.**  
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**External evaluation:**

The external Examination in courses is to be conducted with question papers set by external experts. The evaluation of the answer scripts shall be done by examiners based on a well-defined scheme of valuation.

Letter grade	Performance	Score Percentae
A	Excellent	90 Above
B	Very good	80 Above
C	Good	60 Above
D	Average	50 Above
E	poor	Below 40

The course is evaluated by assigning a letter grade (A, B, C, D or E) to that course calculating the score percentage. An aggregate of C-grade (when external and internal put together) is required in the



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**MES PONNANI COLLEGE, PONNANI**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**Syllabus for Certificate Course 2021-22**  
**Python Programming**


Name of the Course : Python Programming		
Course Code :		
Duration : 45Hrs	Maximum Marks: 100	
Teaching Scheme :	Examination Scheme:	
Theory : 21 Hrs	Internal Examination : 30 Marks	
Practical : Python	Class Test : 20 Marks	
Credit : 4	Assignment/Seminar/Viva : 5 Marks	
	Attendance : 5 Marks	
Practical : 24Hrs	External Examination : 70 Marks	
Aim		
1. To provide Basic knowledge of Python		
Objectives - The student will be able to		
1.	To understand why Python is a useful scripting language for developers.	
2.	To learn how to design and program Python applications.	
Pre-Requisite -		
1.	Experience with a high level language (C/C++, Java, MATLAB) is suggested. Prior knowledge of a scripting language (Perl, UNIX/Linux shells) and Object-Oriented concepts is helpful but not mandatory.	
Content (Name of Topic)		Hours – Theory(T) / Lab(L)
Module I	Introduction to Python Language, Installation of Python, Python Language Syntax	5T/2L
Module II	Python Keywords and Identifiers, Comments, Variables,	3T/5L
Module III	Data types, operators, Control flow and decision making, Looping, Branching	5T/5L
Module IV	Python Numbers, Strings, Lists, tuples, Sets, Dictionaries, Arrays	3T/5L
Module V	Functions, Modules, File handling, Exception handling	5T/7L
TOTAL		45Hrs

**SUGGESTED READINGS:**

1. Python: The Complete Reference C Programming –Balagurusami

  
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**MES PONNANI COLLEGE, PONNANI**  
**DEPARTMENT OF COMPUTER SCIENCE**

Certificate Courses UG 2021-22  
COURSE : PYTHON PROGRAMMING  
Enrollment List

SL NO	NAME OF STUDENT	Admission No	Program	Year of Study	Signature
1	ADHIL K UMMER	7568	BSC CS	2021-22	
2	ARSHAK K	7481	BSC CS	2021-22	
3	MOHAMMED FAIZAL K	7517	BSC CS	2021-22	
4	MUHAMMED JASIM K	7425	BSC CS	2021-22	
5	MUBASHIRA K V	7205	BSC CS	2021-22	
6	AJAI SREENAD C K	7293	BSC CS	2021-22	
7	LABEED K	7594	BSC CS	2021-22	
8	SHAMEER ALI	7648	BSC CS	2021-22	
9	SHINU P P	7723	BSC CS	2021-22	
10	FARSHANA	7694	BSC CS	2021-22	
11	HAMNA NAZRIN	7760	BSC CS	2021-22	
12	JASEELA H	6549	BSC CS	2021-22	
13	NINMISHA T	7309	BSC CS	2021-22	
14	SHIFA	7454	BSC CS	2021-22	
15	ANAND VISWANATHI	7695	BSC CS	2021-22	
16	MISAB P V	7935	BSC CS	2021-22	
17	MUHAMMED SHAMEEM T S	8857	BSC CS	2021-22	
18	AMEGHA SHAJI	8634	BSC CS	2021-22	
19	MEGHNA P	8993	BSC CS	2021-22	
20	SAI KRISHNA C	8609	BSC CS	2021-22	
21	SUFNA NASRIN	8840	BSC CS	2021-22	
22	ADARSH P	8969	BSC CS	2021-22	
24	DEEPAK P	8975	BSC CS	2021-22	
25	RAHUL R	8633	BSC CS	2021-22	
26	VYSINAV R P	9085	BSC CS	2021-22	
27	KARTHIKA B	7797	BSC CS	2021-22	
28	KRISHNAJA T P	8439	BSC CS	2021-22	
29	LAMIYA R K	8096	BSC CS	2021-22	
30	NANDANA M P	8090	BSC CS	2021-22	
31	NUSAIMA	8338	BSC CS	2021-22	
32	SALIHA	8330	BSC CS	2021-22	

33	SHAMNA SHERIN K	8336	Bsc cs	2021-22	<u>Shamna</u>
34	THASLIYA	7912	Bsc cs	2021-22	<u>Thasliya</u>
35	ASWIN C P	8437	Bsc cs	2021-22	<u>Aswin</u>
36	BIBIN K P	7882	Bsc cs	2021-22	<u>Bibin</u>
37	BINNUKRISHINA K	8095	Bsc cs	2021-22	<u>Binnu</u>
38	GOKUL KRISHINA	8088	Bsc cs	2021-22	<u>Gokul</u>
39	MIDHUN M MAHESH	8351	Bsc cs	2021-22	<u>Midhun</u>
40	MOHAMMED FAUJAS S P	8350	Bsc cs	2021-22	<u>Faujas</u>
41	MOHAMMED RISAL MV	8352	Bsc cs	2021-22	<u>Risal</u>
42	MOHAMMED SHAMIL	8002	Bsc cs	2021-22	<u>Shamil</u>
43	VIGNESH P SANTHOSH	7931	Bsc cs	2021-22	<u>Vignesh</u>
44	VISHNUDAS VIJAYAN A	8100	Bsc cs	2021-22	<u>Vishnu</u>
45	VIVEK K N	7993	Bsc cs	2021-22	<u>Vivek</u>
46	YASIN MOHAMED T P	7947	Bsc cs	2021-22	<u>Yasin</u>
47	ANANDU KRISHNA A P	7751	Bsc cs	2021-22	<u>Anandu</u>
48	ARJUN C S	7741	Bsc cs	2021-22	<u>Arjun</u>
49	ARJUN M	7176	Bsc cs	2021-22	<u>Arjun</u>
50	ISMAYIL T	7453	Bsc cs	2021-22	<u>Ismayil</u>
51	JOUHAR C	7681	Bsc cs	2021-22	<u>Jouhar</u>
52	MOHAMED SHEBIN T P	7657	Bsc cs	2021-22	<u>Shebin</u>
53	MOHAMMED FARIHAN	7682	Bsc cs	2021-22	<u>Farihan</u>
54	MOHAMMED HASEEB	7448	Bsc cs	2021-22	<u>Haseeb</u>
55	MOHAMMED NABEEL	7590	Bsc cs	2021-22	<u>Nabeel</u>
56	MOHAMMED NISAMUDHEEN	7628	Bsc cs	2021-22	<u>Nisamudheen</u>
57	MOHAMMED SHIFIN	7702	Bsc cs	2021-22	<u>Shifin</u>
58	MURSHID ARAFATH C	7561	Bsc cs	2021-22	<u>Murshid</u>
59	NAVEEN T P	7301	Bsc cs	2021-22	<u>Naveen</u>
60	PRANAV K P	7744	Bsc cs	2021-22	<u>Pranav</u>
61	SALAHUDEEN AYYOOBI T	7527	Bsc cs	2021-22	<u>Salahudeen</u>
62	SHIBIN M	7297	Bsc cs	2021-22	<u>Shibin</u>
63	SOJITH A P	7650	Bsc cs	2021-22	<u>Sojith</u>
64	ANAGHA T	7704	Bsc cs	2021-22	<u>Anagha</u>
65	FAHMIDHA P A	7759	Bsc cs	2021-22	<u>Fahmidha</u>
66	IASNA NAHARIYA C	7736	Bsc cs	2021-22	<u>Iasna</u>
67	IASNUL SANNA	7683	Bsc cs	2021-22	<u>Iasnul</u>
68	SIJHANA	7471	Bsc cs	2021-22	<u>Sijhana</u>
69	SREELAKSHMI K P	7227	Bsc cs	2021-22	<u>Sreelakshmi</u>

70	VINSA NARGESE	7362	Bsc CS	2021-22	<u>Ca</u>
71	AISWARYA N V	8999	Bsc CS	2021-22	<u>Ar</u>
72	ASIFA	9016	Bsc CS	2021-22	<u>Ar</u>
73	DILNA SHERIN C	8924	Bsc CS	2021-22	<u>B</u>
74	FATHIMA ADHILA	8878	Bsc CS	2021-22	<u>Ar</u>
75	JASNA SHERIN M	9045	Bsc CS	2021-22	<u>B</u>
76	LULU FATHIMA K M	8931	Bsc CS	2021-22	<u>Lulu</u>
77	MAHEERA SAAD P	9055	Bsc CS	2021-22	<u>Ma</u>
78	NASNI K T	8753	Bsc CS	2021-22	<u>Nasni</u>
79	NIDA NASRIN P	9051	Bsc CS	2021-22	<u>Nida</u>
80	NIHALA T	8836	Bsc CS	2021-22	<u>Nihal</u>
81	SAHLA SHERIN	9043	Bsc CS	2021-22	<u>Sahla</u>
82	SHAFNA SHAFIA	9003	Bsc CS	2021-22	<u>Shafna</u>
83	SHAFNA SHERIN P	9054	Bsc CS	2021-22	<u>Shafna</u>
85	SUNEETHI K	8692	Bsc CS	2021-22	<u>Suneethi</u>
86	ABHINAND K	8979	Bsc CS	2021-22	<u>Abhinand</u>
87	AJIL KUMAR T S	8582	Bsc CS	2021-22	<u>Ajil</u>
88	ARSHAD ANWAR K	9050	Bsc CS	2021-22	<u>Ar</u>
89	JAYSON DAS K	8669	Bsc CS	2021-22	<u>Jayson</u>
90	MIRTHAJ P	9037	Bsc CS	2021-22	<u>Mirthaj</u>
91	MOHAMED SALEEL	8889	Bsc CS	2021-22	<u>Mohamed</u>
92	MOHAMMED ASIQ M N	8869	Bsc CS	2021-22	<u>Mohammed</u>
93	MUHAMMED RAFSHAD P P	8974	Bsc CS	2021-22	<u>Muhammed</u>
94	NAVANEETHI P S	9104	Bsc CS	2021-22	<u>Navaneethi</u>
95	NIHAL E	8921	Bsc CS	2021-22	<u>Nihal</u>
96	PRABHUL BABU C P	8964	Bsc CS	2021-22	<u>Prabhu</u>
97	RAHUL KRISHNAN	8891	Bsc CS	2021-22	<u>Rahul</u>
98	VISHNU P K	9103	Bsc CS	2021-22	<u>Vishnu</u>
99	AFIFA NASRIN	8140	Bsc CS	2021-22	<u>Afifa</u>
100	AMEENA FASLIN K A	8180	Bsc CS	2021-22	<u>Ameena</u>
101	ASNA SHERIN E	8116	Bsc CS	2021-22	<u>Asna</u>
102	FANEESHA A	8061	Bsc CS	2021-22	<u>Faneesha</u>
103	FARSANA V	7824	Bsc CS	2021-22	<u>Farsana</u>

104	FATHIMA HANAAN	7995	BSC.CS	2021-22	Hee
105	LAZIM ABDUL MAJEED	7978	BSC.CS	2021-22	hntas
106	MOHAMMED ASLAM	8461	BSC.CS	2021-22	Asw
107	MUHAMMED ASLAM C	8334	BSC.CS	2021-22	Fal
108	MUHAMMED UNAIS	7836	BSC.CS	2021-22	Ure
109	SUFAIL	8383	BSC.CS	2021-22	mf
110	APARNA T	8071	BSC.CS	2021-22	W
111	LIYANA U K	8340	BSC.CS	2021-22	ef
112	SHABANA C M	7957	BSC.CS	2021-22	Sh
113	SREENA C S	7839	BSC.CS	2021-22	Sreena
114	MISAB P V	7935	BSC.CS	2021-22	Misab
115	MUHAMMED NAZMAL N K	8348	BSC.CS	2021-22	Ney
116	PURUSHOTHAMAN KV	7904	BSC.CS	2021-22	QW
117	SHAMNAD K	8112	BSC.CS	2021-22	Kee
118	SIBI M S	7865	BSC.CS	2021-22	Sibi
119	ASMI T	8337	BSC.CS	2021-22	Asmi
120	ATHIKHA SILAHANAS K	7845	BSC.CS	2021-22	Atha
121	AYSHA NOREEN RAKEEB	8370	BSC.CS	2021-22	Noreen
122	FATHIMA FIDHA T	8135	BSC.CS	2021-22	Fath
123	GAYATHRI P	7851	BSC.CS	2021-22	Gayathri
124	HARSHA K	7889	BSC.CS	2021-22	Harsha
125	FATHIMATHUL FIDHA	8846	BSC.CS	2021-22	Fidha
126	MEHADIYA	9077	BSC.CS	2021-22	Me
127	ABDULMUTHALIB	8994	BSC.CS	2021-22	Mu
128	ADEL JAMAL THANDANTHARAYIL	9053	BSC.CS	2021-22	Adel
129	DILSHAD V P	8997	BSC.CS	2021-22	Dilshad
130	JIMSHAD N J	9049	BSC.CS	2021-22	Jimshad
131	MOHAMMED NAJHEEM ABDUL SALAM	8926	BSC.CS	2021-22	Najheem
132	MOHAMMED NIZAM E	8940	BSC.CS	2021-22	Nizam
133	MOHAMMED SAHAL A P	8815	BSC.CS	2021-22	Sahal
134	MUHAMMED FARHAN KK	8855	BSC.CS	2021-22	Farhan

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HOD :

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Assistant Professor  
in charge of the Principal  
MES Ponnani College  
P.O. Ponnani South: 679 586









13	NINMISHA T	Ninmisha	Ninmisha	Ninmisha	Ninmisha	Ninmisha	Ninmisha	Ninmisha	Ninmisha	Ninmisha	Ninmisha	Ninmisha	Ninmisha	A	Ninmisha	Ninmisha	Ninmisha
14	SHIFA	Shifa	Shifa	Shifa	Shifa	A	Shifa	A	Shifa	Shifa	Shifa	Shifa	Shifa	Shifa	Shifa	Shifa	Shifa
15	ANAND VISWANATH	An	An	An	An	An	An	An	An	An	An	An	An	An	An	An	An
16	MISAB P V	Misab	Misab	Misab	Misab	Misab	Misab	Misab	Misab	Misab	Misab	Misab	Misab	Misab	Misab	Misab	Misab
17	MUHAMMED SHAMEEM T S	Muhammed	Muhammed	Muhammed	Muhammed	Muhammed	Muhammed	Muhammed	Muhammed	Muhammed	Muhammed	Muhammed	Muhammed	Muhammed	Muhammed	Muhammed	Muhammed
18	AMEGHA SHAJI	Ame	Ame	Ame	Ame	Ame	Ame	Ame	Ame	Ame	Ame	Ame	Ame	Ame	Ame	Ame	Ame
19	MEGHNA P	Meghna	Meghna	Meghna	Meghna	Meghna	Meghna	Meghna	Meghna	Meghna	Meghna	Meghna	Meghna	Meghna	Meghna	Meghna	Meghna
20	SAI KRISHNA C	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai
21	SUFNA NASRIN	Sufna	Sufna	Sufna	Sufna	Sufna	Sufna	Sufna	Sufna	Sufna	Sufna	Sufna	Sufna	Sufna	Sufna	Sufna	Sufna
22	ADARSH P	Adarsh	Adarsh	Adarsh	Adarsh	Adarsh	Adarsh	Adarsh	Adarsh	Adarsh	Adarsh	Adarsh	Adarsh	Adarsh	Adarsh	Adarsh	Adarsh
23	ALBIN JOHN WILSON	Albin	Albin	Albin	Albin	Albin	Albin	Albin	Albin	Albin	Albin	Albin	Albin	Albin	Albin	Albin	Albin
24	DEEPAK P	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak
25	RAHUL R	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
26	VYSHNAV R P	Vyshnav	Vyshnav	Vyshnav	Vyshnav	Vyshnav	Vyshnav	Vyshnav	Vyshnav	Vyshnav	Vyshnav	Vyshnav	Vyshnav	Vyshnav	Vyshnav	Vyshnav	Vyshnav
27	KARTHIKA B	Karthika	Karthika	Karthika	Karthika	Karthika	Karthika	Karthika	Karthika	Karthika	Karthika	Karthika	Karthika	Karthika	Karthika	Karthika	Karthika
28	KRISHNAJA T P	Krishna	Krishna	A	Krishna	Krishna	Krishna	A	Krishna	A	Krishna	Krishna	A	Krishna	Krishna	A	Krishna
29	LAMIYA R K	Lamiya	Lamiya	Lamiya	A	Lamiya	Lamiya	A	Lamiya	Lamiya	Lamiya	Lamiya	Lamiya	Lamiya	Lamiya	A	Lamiya
30	NANDANA M P	Nandana	Nandana	Nandana	Nandana	Nandana	Nandana	Nandana	A	Nandana	Nandana	Nandana	Nandana	Nandana	Nandana	Nandana	Nandana
31	NUSAIMA	Nusaima	Nusaima	Nusaima	Nusaima	Nusaima	Nusaima	Nusaima	Nusaima	Nusaima	Nusaima	Nusaima	Nusaima	A	Nusaima	A	Nusaima



47	ANANDU KRISHNA A P	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>
48	ARJUN C S	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>
49	ARJUN M	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>	<del>Arj</del>
50	ISMAYIL T	<del>Ismayil</del>	<del>Ismayil</del>	<del>Ismayil</del>	<del>Ismayil</del>	<del>Ismayil</del>	<del>Ismayil</del>	<del>Ismayil</del>	<del>Ismayil</del>	<del>Ismayil</del>	<del>Ismayil</del>	<del>Ismayil</del>	<del>Ismayil</del>	<del>Ismayil</del>	<del>Ismayil</del>	<del>Ismayil</del>
51	JOUHAR C	<del>Jouhar</del>	<del>Jouhar</del>	<del>Jouhar</del>	A	<del>Jouhar</del>	<del>Jouhar</del>	<del>Jouhar</del>	A	<del>Jouhar</del>	<del>Jouhar</del>	<del>Jouhar</del>	<del>Jouhar</del>	<del>Jouhar</del>	<del>Jouhar</del>	<del>Jouhar</del>
52	MOHAMED SHEBIN T P	<del>Shebin</del>	<del>Shebin</del>	<del>Shebin</del>	<del>Shebin</del>	<del>Shebin</del>	<del>Shebin</del>	<del>Shebin</del>	<del>Shebin</del>	<del>Shebin</del>	<del>Shebin</del>	<del>Shebin</del>	<del>Shebin</del>	<del>Shebin</del>	<del>Shebin</del>	<del>Shebin</del>
53	MOHAMMED FARHAN	<del>Farhan</del>	<del>Farhan</del>	A	<del>Farhan</del>	<del>Farhan</del>	A	<del>Farhan</del>	<del>Farhan</del>	<del>Farhan</del>	A	<del>Farhan</del>	<del>Farhan</del>	<del>Farhan</del>	<del>Farhan</del>	<del>Farhan</del>
54	MOHAMMED HASEEB	<del>Haseeb</del>	<del>Haseeb</del>	<del>Haseeb</del>	<del>Haseeb</del>	<del>Haseeb</del>	<del>Haseeb</del>	<del>Haseeb</del>	<del>Haseeb</del>	<del>Haseeb</del>	<del>Haseeb</del>	<del>Haseeb</del>	<del>Haseeb</del>	<del>Haseeb</del>	<del>Haseeb</del>	<del>Haseeb</del>
55	MOHAMMED NABEEL	<del>Nabeel</del>	<del>Nabeel</del>	<del>Nabeel</del>	<del>Nabeel</del>	<del>Nabeel</del>	A	<del>Nabeel</del>	<del>Nabeel</del>	<del>Nabeel</del>	<del>Nabeel</del>	<del>Nabeel</del>	<del>Nabeel</del>	<del>Nabeel</del>	<del>Nabeel</del>	<del>Nabeel</del>
56	MOHAMMED NISAMUDHEEN	<del>Nisamudheen</del>	<del>Nisamudheen</del>	<del>Nisamudheen</del>	<del>Nisamudheen</del>	<del>Nisamudheen</del>	<del>Nisamudheen</del>	<del>Nisamudheen</del>	<del>Nisamudheen</del>	<del>Nisamudheen</del>	<del>Nisamudheen</del>	<del>Nisamudheen</del>	<del>Nisamudheen</del>	<del>Nisamudheen</del>	<del>Nisamudheen</del>	<del>Nisamudheen</del>
57	MOHAMMED SHIFIN	<del>Shifin</del>	<del>Shifin</del>	<del>Shifin</del>	<del>Shifin</del>	<del>Shifin</del>	<del>Shifin</del>	<del>Shifin</del>	<del>Shifin</del>	<del>Shifin</del>	<del>Shifin</del>	<del>Shifin</del>	<del>Shifin</del>	<del>Shifin</del>	<del>Shifin</del>	<del>Shifin</del>
58	MURSHID ARAFATH C	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>	<del>Murshid</del>
59	NAVEEN T P	<del>Naveen</del>	<del>Naveen</del>	<del>Naveen</del>	<del>Naveen</del>	<del>Naveen</del>	A	<del>Naveen</del>	<del>Naveen</del>	<del>Naveen</del>	<del>Naveen</del>	A	<del>Naveen</del>	<del>Naveen</del>	<del>Naveen</del>	<del>Naveen</del>
60	PRANAV K P.	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>	<del>Pranav</del>
61	SALAHUDEEN AYYOOBI T	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>	<del>Salahudeen</del>
62	SHIBIN M	<del>Shibin</del>	<del>Shibin</del>	<del>Shibin</del>	<del>Shibin</del>	<del>Shibin</del>	A	<del>Shibin</del>	<del>Shibin</del>	<del>Shibin</del>	<del>Shibin</del>	<del>Shibin</del>	<del>Shibin</del>	<del>Shibin</del>	<del>Shibin</del>	<del>Shibin</del>
63	SOJITH A P	<del>Sojith</del>	<del>Sojith</del>	<del>Sojith</del>	A	<del>Sojith</del>	<del>Sojith</del>	<del>Sojith</del>	<del>Sojith</del>	A	<del>Sojith</del>	<del>Sojith</del>	<del>Sojith</del>	<del>Sojith</del>	<del>Sojith</del>	<del>Sojith</del>
64	ANAGHA T	<del>Anagha</del>	<del>Anagha</del>	<del>Anagha</del>	<del>Anagha</del>	<del>Anagha</del>	<del>Anagha</del>	<del>Anagha</del>	<del>Anagha</del>	<del>Anagha</del>	A	<del>Anagha</del>	<del>Anagha</del>	<del>Anagha</del>	<del>Anagha</del>	<del>Anagha</del>
65	FAHMIDHA P A	<del>Fahmidha</del>	<del>Fahmidha</del>	<del>Fahmidha</del>	<del>Fahmidha</del>	<del>Fahmidha</del>	<del>Fahmidha</del>	<del>Fahmidha</del>	<del>Fahmidha</del>	<del>Fahmidha</del>	<del>Fahmidha</del>	A	<del>Fahmidha</del>	<del>Fahmidha</del>	<del>Fahmidha</del>	<del>Fahmidha</del>




86	ABHINAND K	Abh	Abh	Abh	Abh	Abh	Abh	Abh	Abh	Abh	Abh	Abh	Abh	Abh	Abh	Abh
87	AJIL KUMAR T S	Ajil	Ajil	Ajil	Ajil	Ajil	Ajil	Ajil	Ajil	Ajil	Ajil	Ajil	Ajil	Ajil	Ajil	Ajil
88	ARSHAD ANWAR K	Arsh	Arsh	Arsh	Arsh	Arsh	Arsh	Arsh	Arsh	Arsh	Arsh	Arsh	Arsh	Arsh	Arsh	Arsh
89	JAYSON DAS K	Jayson	Jayson	Jayson	Jayson	Jayson	Jayson	Jayson	Jayson	Jayson	Jayson	Jayson	Jayson	Jayson	Jayson	Jayson
90	MIRTHAJ P	Mirthaj	Mirthaj	Mirthaj	Mirthaj	Mirthaj	Mirthaj	Mirthaj	Mirthaj	Mirthaj	Mirthaj	Mirthaj	Mirthaj	Mirthaj	Mirthaj	Mirthaj
91	MOHAMED SALEEL	Mohamed	Mohamed	Mohamed	Mohamed	Mohamed	Mohamed	Mohamed	Mohamed	Mohamed	Mohamed	Mohamed	Mohamed	Mohamed	Mohamed	Mohamed
92	MOHAMMED ASIQ M N	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed
93	MUHAMMED RAFSHAD P P	Muhammed	Muhammed	Muhammed	Muhammed	Muhammed	Muhammed	Muhammed	Muhammed	Muhammed	Muhammed	Muhammed	Muhammed	Muhammed	Muhammed	Muhammed
94	NAVANEETH P S	Navaneeth	Navaneeth	Navaneeth	Navaneeth	Navaneeth	Navaneeth	Navaneeth	Navaneeth	Navaneeth	Navaneeth	Navaneeth	Navaneeth	Navaneeth	Navaneeth	Navaneeth
95	NIHAL E	Nihal	Nihal	Nihal	Nihal	Nihal	Nihal	Nihal	Nihal	Nihal	Nihal	Nihal	Nihal	Nihal	Nihal	Nihal
96	PRABHUL BABU C P	Prabhul	Prabhul	Prabhul	Prabhul	Prabhul	Prabhul	Prabhul	Prabhul	Prabhul	Prabhul	Prabhul	Prabhul	Prabhul	Prabhul	Prabhul
97	RAHUL KRISHNAN	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
98	VISHNU P K	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu
99	AFIFA NASRIN	Afifa	Afifa	Afifa	Afifa	Afifa	Afifa	Afifa	Afifa	Afifa	Afifa	Afifa	Afifa	Afifa	Afifa	Afifa
100	AMEENA FASLIN K A	Ameena	Ameena	Ameena	Ameena	Ameena	Ameena	Ameena	Ameena	Ameena	Ameena	Ameena	Ameena	Ameena	Ameena	Ameena
101	ASNA SHARIN E	Asna	Asna	Asna	Asna	Asna	Asna	Asna	Asna	Asna	Asna	Asna	Asna	Asna	Asna	Asna
102	FANEESHA A	Faneesha	Faneesha	Faneesha	Faneesha	A	Faneesha	A	Faneesha	Faneesha	Faneesha	Faneesha	Faneesha	Faneesha	Faneesha	Faneesha
103	FARSANA V	Farsana	Farsana	Farsana	Farsana	A	Farsana	Farsana	Farsana	Farsana	Farsana	Farsana	Farsana	Farsana	Farsana	Farsana
104	FATHIMA HANAAN	Fathima	Fathima	Fathima	Fathima	Fathima	Fathima	Fathima	A	Fathima	Fathima	A	Fathima	Fathima	A	Fathima

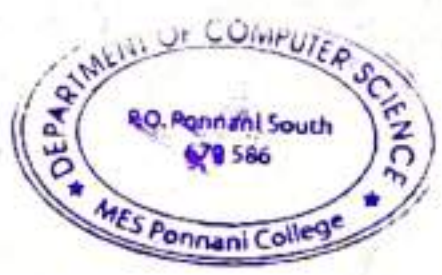


124	HARSHA K	<del>Harsha</del>	<del>Harsha</del>	<del>Harsha</del>	<del>Harsha</del>	<del>Harsha</del>	<del>Harsha</del>	<del>Harsha</del>	<del>Harsha</del>	<del>Harsha</del>	<del>Harsha</del>	<del>Harsha</del>	<del>Harsha</del>	<del>Harsha</del>	<del>Harsha</del>	<del>Harsha</del>	<del>Harsha</del>	<del>Harsha</del>
125	FATHIMATHUL FIDHA	<del>Fidha</del>	<del>Fidha</del>	<del>Fidha</del>	<del>Fidha</del>	<del>Fidha</del>	<del>Fidha</del>	<del>Fidha</del>	<del>Fidha</del>	<del>Fidha</del>	<del>Fidha</del>	<del>Fidha</del>	<del>Fidha</del>	<del>Fidha</del>	<del>Fidha</del>	<del>Fidha</del>	<del>Fidha</del>	<del>Fidha</del>
126	MEHADIYA	<del>Mehadiya</del>	<del>Mehadiya</del>	<del>Mehadiya</del>	<del>Mehadiya</del>	<del>Mehadiya</del>	<del>Mehadiya</del>	<del>Mehadiya</del>	<del>Mehadiya</del>	<del>Mehadiya</del>	<del>Mehadiya</del>	<del>Mehadiya</del>	<del>Mehadiya</del>	<del>Mehadiya</del>	<del>Mehadiya</del>	<del>Mehadiya</del>	<del>Mehadiya</del>	<del>Mehadiya</del>
127	ABDULMUTHALIB	<del>Muthalib</del>	<del>Muthalib</del>	<del>Muthalib</del>	<del>Muthalib</del>	<del>Muthalib</del>	<del>Muthalib</del>	<del>Muthalib</del>	<del>Muthalib</del>	<del>Muthalib</del>	<del>Muthalib</del>	<del>Muthalib</del>	<del>Muthalib</del>	<del>Muthalib</del>	<del>Muthalib</del>	<del>Muthalib</del>	<del>Muthalib</del>	<del>Muthalib</del>
128	ADEL JAMAL THANDANTHARAYIL	<del>Adel</del>	<del>Adel</del>	<del>Adel</del>	<del>Adel</del>	<del>Adel</del>	<del>Adel</del>	<del>Adel</del>	<del>Adel</del>	<del>Adel</del>	<del>Adel</del>	<del>Adel</del>	<del>Adel</del>	<del>Adel</del>	<del>Adel</del>	<del>Adel</del>	<del>Adel</del>	<del>Adel</del>
129	DILSHAD V P	<del>Dilshad</del>	<del>Dilshad</del>	<del>Dilshad</del>	<del>Dilshad</del>	<del>Dilshad</del>	<del>Dilshad</del>	<del>Dilshad</del>	<del>Dilshad</del>	<del>Dilshad</del>	<del>Dilshad</del>	<del>Dilshad</del>	<del>Dilshad</del>	<del>Dilshad</del>	<del>Dilshad</del>	<del>Dilshad</del>	<del>Dilshad</del>	<del>Dilshad</del>
130	JIMSHAD N J	<del>Jimshad</del>	<del>Jimshad</del>	<del>Jimshad</del>	<del>Jimshad</del>	<del>Jimshad</del>	<del>Jimshad</del>	<del>Jimshad</del>	<del>Jimshad</del>	<del>Jimshad</del>	<del>Jimshad</del>	<del>Jimshad</del>	<del>Jimshad</del>	<del>Jimshad</del>	<del>Jimshad</del>	<del>Jimshad</del>	<del>Jimshad</del>	<del>Jimshad</del>
131	MOHAMMED NADHEEM ABDUL SALAM	<del>Nadheem</del>	<del>Nadheem</del>	<del>Nadheem</del>	<del>Nadheem</del>	<del>Nadheem</del>	<del>Nadheem</del>	<del>Nadheem</del>	<del>Nadheem</del>	<del>Nadheem</del>	<del>Nadheem</del>	<del>Nadheem</del>	<del>Nadheem</del>	<del>Nadheem</del>	<del>Nadheem</del>	<del>Nadheem</del>	<del>Nadheem</del>	<del>Nadheem</del>
132	MOHAMMED NIZAM E	<del>Nizam</del>	<del>Nizam</del>	<del>Nizam</del>	<del>Nizam</del>	<del>Nizam</del>	<del>Nizam</del>	<del>Nizam</del>	<del>Nizam</del>	<del>Nizam</del>	<del>Nizam</del>	<del>Nizam</del>	<del>Nizam</del>	<del>Nizam</del>	<del>Nizam</del>	<del>Nizam</del>	<del>Nizam</del>	<del>Nizam</del>
133	MOHAMMED SAHAL A P	<del>Sahal</del>	<del>Sahal</del>	<del>Sahal</del>	<del>Sahal</del>	<del>Sahal</del>	<del>Sahal</del>	<del>Sahal</del>	<del>Sahal</del>	<del>Sahal</del>	<del>Sahal</del>	<del>Sahal</del>	<del>Sahal</del>	<del>Sahal</del>	<del>Sahal</del>	<del>Sahal</del>	<del>Sahal</del>	<del>Sahal</del>
134	MUHAMMED FARHAN KK	<del>Farhan</del>	<del>Farhan</del>	<del>Farhan</del>	<del>Farhan</del>	<del>Farhan</del>	<del>Farhan</del>	<del>Farhan</del>	<del>Farhan</del>	<del>Farhan</del>	<del>Farhan</del>	<del>Farhan</del>	<del>Farhan</del>	<del>Farhan</del>	<del>Farhan</del>	<del>Farhan</del>	<del>Farhan</del>	<del>Farhan</del>

Course Coordinator :   
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Principal :   
**Ameen**  
 Assistant Professor  
 in charge of the Principal  
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# MES PONNANI COLLEGE, PONNANI

## DEPARTMENT OF COMPUTER SCIENCE

### Certificate Course

### Summary Report 2021-2022

#### Report on Certificate Course Conducted 2021-2022

The Department of Computer Science has conducted 5 certificate Courses. The details are mentioned below.

Sl. No.	Name of Course	Co-ordinator	No of students enrolled	No of students Passed
1	Statistical Data Analysis Using Excel	Saleema K	46	46
2	System Administration and Hardware Assembly	Saleema K	48	48
3	Python Programming	Nusrath K	134	134
4	Introduction To Web Designing HTML and CSS	Nusrath K	48	48
5	C programming	Aneeshya C A	48	48

The courses were conducted from June - 2021 to January - 2022 successfully and distributed certificates for all the students.

  
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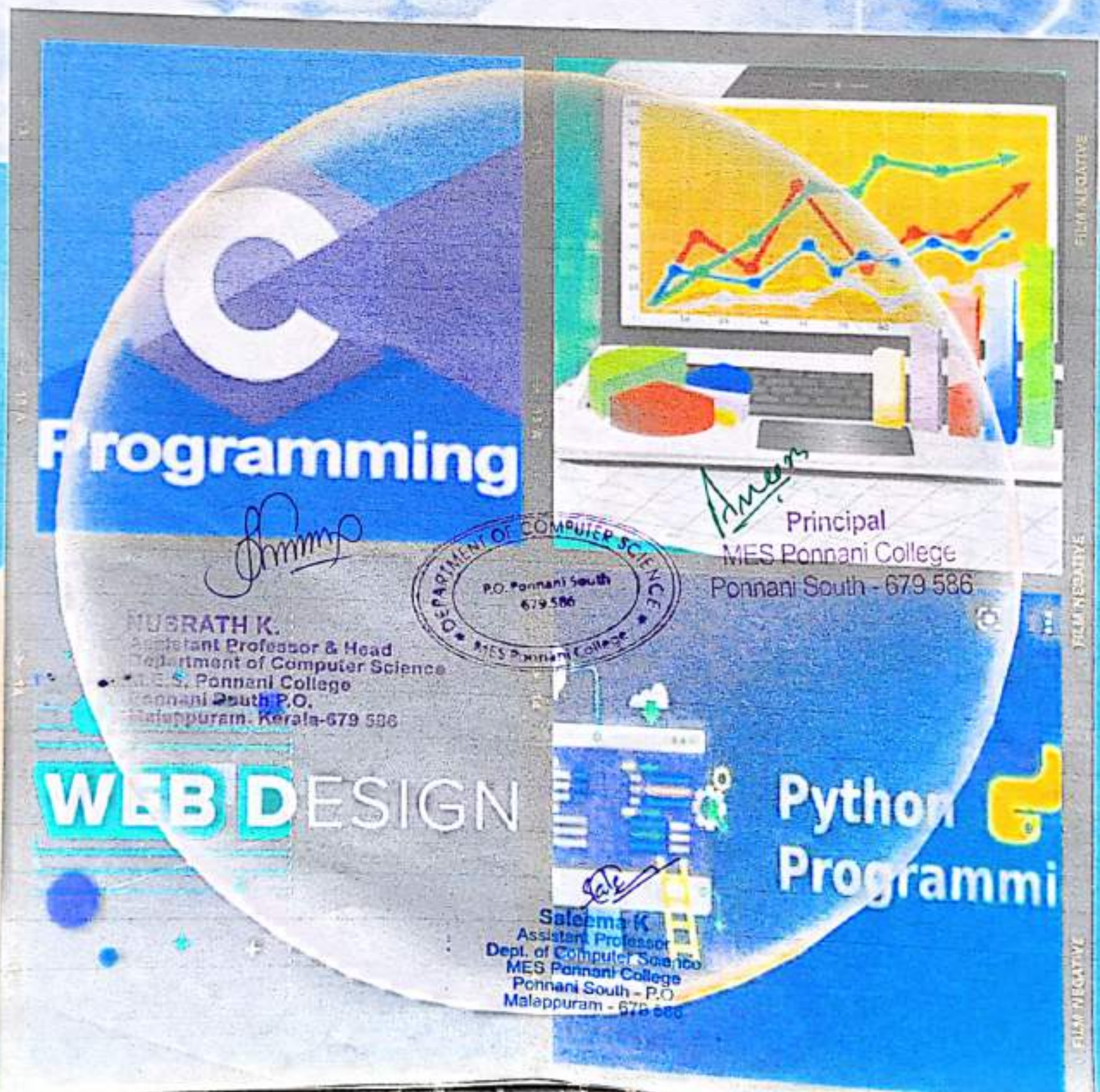




# CERTIFICATE COURSE 2021-2022

## Department of Computer Science

- Statistical data analysis using Excel
- Python Programming
- Programming in C
- Introduction to Web designing – HTML and CSS
- System Administration and Hardware Assembling





# MES PONNANI COLLEGE, PONNANI

## DEPARTMENT OF COMPUTER SCIENCE

Certificate Courses UG

Curriculum, Regulations, Eligibility, Scheme and Syllabus

2021-2022

### I Objective

1. Practical training to students in institutions.
2. Promoting skill development among students by the assistance of teaching faculty.
3. Entrepreneurship development

### II Courses Offered

1. Introduction to Web designing – HTML and CSS
2. Statistical data analysis using Excel
3. Python Programming
4. Programming in C
5. System Administration and Hardware Assembling

### III Eligibility criteria

Those students who passed Plus Two Science / Commerce, as Computer Sciences/ Mathematics as one of the core courses are eligible for admission to this course.

### II The scheme of examination

The course has duration of 30 hours with both theory and practical components. The evaluation scheme for each course shall contain two parts (a) Internal evaluation and (b) external evaluation by conducting examination at the end of the course. The final score = 30% Internal + 70% final certification exam score.


**Internal evaluation:** The internal evaluation shall be based on tests, assignments, seminars and attendance. The score percentage assigned to various components for internal evaluation is as follows.

	Component	Score percentage
1	Assignment/Seminar/Viva	5%
2	Attendance	5%
3	Test paper	20%



  
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**M. SATHYA K.**  
Assistant Professor & Head  
Department of Computer Science  
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**Ameen**  
Principal  
MES Ponnani College  
Ponnani South - 679 586

**External evaluation:**

The external Examination in courses is to be conducted with question papers set by external experts. The evaluation of the answer scripts shall be done by examiners based on a well-defined scheme of valuation.

Letter grade	Performance	Score Percentae
A	Excellent	90 Above
B	Very good	80 Above
C	Good	60 Above
D	Average	50 Above
E	poor	Below 40

The course is evaluated by assigning a letter grade (A, B, C, D or E) to that course calculating the score percentage. An aggregate of C-grade (when external and internal put together) is required in the



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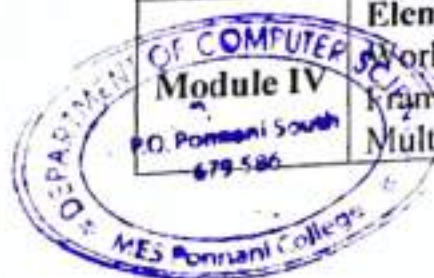
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**MES PONNANI COLLEGE, PONNANI**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**Syllabus for Certificate Course 2021-22**  
**Introduction to Web Designing – HTML and CSS**

Name of the Course : <b>Introduction to Web Designing- ( HTMLand CSS)</b>	
Course Code :	
<b>Duration : 30 Hrs</b>	<b>Maximum Marks: 100</b>
<b>Teaching Scheme :</b>	<b>Examination Scheme:</b>
Theory : 9 Hrs	<i>Internal Examination : 30 Marks</i>
Practical : Web Designing Lab	<i>Class Test : 20 Marks</i>
Credit : 4	<i>Assignment/Seminar/Viva : 5 Marks</i>
	<i>Attendance : 5 Marks</i>
Practical : 21Hrs	<i>External Examination : 70 Marks</i>
<b>Aim</b>	
1.	To develop the skill & knowledge of Web page design.
2.	Students will understand and know how they can function either as an entrepreneur or can take up jobs in the Web site development sector and other information technology sectors.
<b>Objectives - The student will be able to</b>	
1.	Define the principle of Web page design
2.	Define the basics in web design
3.	Visualize the basic concept of HTML.
4.	Recognize the elements of HTML.
<b>Pre-Requisite -</b>	
1.	Basic knowledge in HTML tags & skill of creating web pages should be known
2.	Knowledge of basic Computer hardware & software is also necessary.

	<b>Content (Name of Topic)</b>	<b>Hours – Theory(T) / Lab(L)</b>
<b>Module I</b>	<b>Web Design Principles:</b> Basic principles involved in developing a web site, Planning process, Five Golden rules of web designing, Designing navigation bar, Page design, Home Page Layout, Design Concept.	<b>2T/6L</b>
<b>Module II</b>	<b>Basics in Web Design:</b> Brief History of Internet, What is World Wide Web, Why create a web site, Web Standards, Audience requirements	<b>2T/4L</b>
<b>Module III</b>	<b>Introduction to HTML:</b> What is HTML, HTML Documents, Basic structure of an HTML document, Creating an HTML document, Mark up Tags, Heading-Paragraphs, Line Breaks, HTML Tags.	<b>2T/4L</b>
<b>Module IV</b>	<b>Elements of HTML:</b> Introduction to elements of HTML, Working with Text, Working with Lists, Tables and Frames, Working with Hyperlinks, Images and Multimedia, Working with Forms and controls.	<b>1T/3L</b>



<b>Module V</b>	<b>Introduction to Cascading Style Sheets: Concept of CSS, Creating Style Sheet, CSS Properties, CSS Styling(Background, Text Format, Controlling Fonts), Working with block elements and objects, Working with Lists and Tables, CSS Id and Class, Box Model(Introduction, Border properties, Padding Properties, Margin properties), CSS Color, Creating page Layout and Site Designs.</b>	<b>2T/4L</b>
	<b>TOTAL</b>	<b>30</b>

**SUGGESTED READINGS:**

P.O. Ponnani South  
679 586

1. HTML 5 in simple steps:KogentLearningSolutionsInc.Dreamtech Press.

2. HTML, XHTML, and CSS Bible, 5ed : Steven M. Schafer , Wiley India

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MES PONNANI COLLEGE, PONNANI  
DEPARTMENT OF COMPUTER SCIENCE

Certificate Courses UG 2021-22  
COURSE : INTRODUCTION TO WEB DESIGNING HTML & CSS

Enrollment List

SL NO	NAME OF STUDENT	Admission No	Program	Year of Study	Signature
1	FATHIMATHUL FIDHA	8846	BSc . CS	2021-22	
2	MEHADIYA	9077	BSc . CS	2021-22	
3	ABDULMUTHALIB	8994	BSc . CS	2021-22	
4	ADEL JAMAL THANDANTHARAYIL	9053	BSc . CS	2021-22	
5	DILSHAD V P	8997	BSc . CS	2021-22	
6	JIMSHAD N J	9049	BSc . CS	2021-22	
7	MOHAMMED NADHEEM ABDUL SALAM	8926	BSc . CS	2021-22	
8	MOHAMMED NIZAM E	8940	BSc . CS	2021-22	
9	MOHAMMED SAHAL A P	8815	BSc . CS	2021-22	
10	MUHAMMED FARHAN KK	8855	BSc . CS	2021-22	
11	MUHAMMED SHAMEEM T S	8857	BSc . CS	2021-22	
12	AMEGHA SHAJI	8634	BSc . CS	2021-22	
13	MEGHNA P	8993	BSc . CS	2021-22	
14	SAI KRISHNA C	8609	BSc . CS	2021-22	
15	SUFNA NASRIN	8840	BSc . CS	2021-22	
16	ADARSH P	8969	BSc . CS	2021-22	
17	ALBIN JOHN WILSON	8970	BSc . CS	2021-22	
18	DEEPAK P	8975	BSc . CS	2021-22	
19	RAHUL R	8633	BSc . CS	2021-22	
20	VYSHNAV R P	9085	BSc . CS	2021-22	
21	MOHAMED SHEBIN T P	7657	BSc . CS	2021-22	
22	MOHAMMED FARHAN	7682	BSc . CS	2021-22	
23	MOHAMMED HASEEB	7448	BSc . CS	2021-22	
24	MOHAMMED NABEEL	7590	BSc . CS	2021-22	
25	MOHAMMED NISAMUDHEEN P K	7628	BSc . CS	2021-22	
26	MOHAMMED SHIFIN	7702	BSc . CS	2021-22	
27	MURSHID ARAFATH C	7561	BSc . CS	2021-22	
28	NAVEEN T P	7301	BSc . CS	2021-22	

29	PRANAV K P	7441	BSC.CS	2021-22	<i>[Signature]</i>
30	SALAHUDEEN AYYOBI T	7527	BSC.CS	2021-22	<i>[Signature]</i>
31	SAHLA SHERIN	7297	BSC.CS	2021-22	<i>[Signature]</i>
32	SHAFNA SHAFI A	7650	BSC.CS	2021-22	<i>[Signature]</i>
33	SHAFNA SHERIN P	7704	BSC.CS	2021-22	<i>[Signature]</i>
34	SREYA S	8966	BSC.CS	2021-22	<i>[Signature]</i>
35	SUNEETHI K	8692	BSC.CS	2021-22	<i>[Signature]</i>
36	ABHINAND K	8979	BSC.CS	2021-22	<i>[Signature]</i>
37	AJIL KUMAR T S	8582	BSC.CS	2021-22	<i>[Signature]</i>
38	ARSHAD ANWAR K	9050	BSC.CS	2021-22	<i>[Signature]</i>
39	AFIFA NASRIN	8140	BSC.CS	2021-22	<i>[Signature]</i>
40	AMEENA FASLIN K A	8180	BSC.CS	2021-22	<i>[Signature]</i>
41	ASNA SHARIN E	8116	BSC.CS	2021-22	<i>[Signature]</i>
42	FANEESHA A	8061	BSC.CS	2021-22	<i>[Signature]</i>
43	FARSANA V	7824	BSC.CS	2021-22	<i>[Signature]</i>
44	FATHIMA HANAAN	7995	BSC.CS	2021-22	<i>[Signature]</i>
45	LAZIM ABDUL MAJEED	7978	BSC.CS	2021-22	<i>[Signature]</i>
46	MOHAMMED ASLAM	8461	BSC.CS	2021-22	<i>[Signature]</i>
47	MUHAMMED ASLAM C	8334	BSC.CS	2021-22	<i>[Signature]</i>
48	MUHAMMED UNAIS	7836	BSC.CS	2021-22	<i>[Signature]</i>

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HOD :

Principal :

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 in charge of the Principal  
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32	SHAFNA SHAFI A	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>
33	SHAFNA SHERIN P	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>	<del>Shafna</del>
34	SREYA S	<del>Sreya</del>	<del>Sreya</del>	<del>Sreya</del>	<del>Sreya</del>	<del>Sreya</del>	A	<del>Sreya</del>	<del>Sreya</del>	<del>Sreya</del>	<del>Sreya</del>	<del>Sreya</del>	<del>Sreya</del>	<del>Sreya</del>	A	A
35	SUNEETHI K	<del>Suneethi</del>	<del>Suneethi</del>	<del>Suneethi</del>	<del>Suneethi</del>	<del>Suneethi</del>	<del>Suneethi</del>	<del>Suneethi</del>	<del>Suneethi</del>	<del>Suneethi</del>	<del>Suneethi</del>	<del>Suneethi</del>	<del>Suneethi</del>	<del>Suneethi</del>	<del>Suneethi</del>	<del>Suneethi</del>
36	ABHINAND K	<del>Abhinand</del>	<del>Abhinand</del>	<del>Abhinand</del>	<del>Abhinand</del>	<del>Abhinand</del>	<del>Abhinand</del>	<del>Abhinand</del>	<del>Abhinand</del>	<del>Abhinand</del>	<del>Abhinand</del>	<del>Abhinand</del>	<del>Abhinand</del>	<del>Abhinand</del>	<del>Abhinand</del>	<del>Abhinand</del>
37	AJIL KUMAR T S	<del>Ajil</del>	<del>Ajil</del>	<del>Ajil</del>	<del>Ajil</del>	<del>Ajil</del>	<del>Ajil</del>	<del>Ajil</del>	<del>Ajil</del>	<del>Ajil</del>	<del>Ajil</del>	<del>Ajil</del>	<del>Ajil</del>	<del>Ajil</del>	<del>Ajil</del>	<del>Ajil</del>
38	ARSHAD ANWAR K	<del>Arshad</del>	<del>Arshad</del>	<del>Arshad</del>	<del>Arshad</del>	<del>Arshad</del>	<del>Arshad</del>	<del>Arshad</del>	<del>Arshad</del>	<del>Arshad</del>	<del>Arshad</del>	<del>Arshad</del>	<del>Arshad</del>	<del>Arshad</del>	<del>Arshad</del>	<del>Arshad</del>
39	AFIFA NASRIN	<del>Afifa</del>	<del>Afifa</del>	<del>Afifa</del>	<del>Afifa</del>	<del>Afifa</del>	<del>Afifa</del>	<del>Afifa</del>	<del>Afifa</del>	<del>Afifa</del>	<del>Afifa</del>	<del>Afifa</del>	<del>Afifa</del>	<del>Afifa</del>	<del>Afifa</del>	<del>Afifa</del>
40	AMEENA FASLIN K A	<del>Ameena</del>	<del>Ameena</del>	<del>Ameena</del>	<del>Ameena</del>	<del>Ameena</del>	<del>Ameena</del>	<del>Ameena</del>	<del>Ameena</del>	<del>Ameena</del>	<del>Ameena</del>	<del>Ameena</del>	<del>Ameena</del>	<del>Ameena</del>	<del>Ameena</del>	<del>Ameena</del>
41	ASNA SHARIN E	<del>Asna</del>	<del>Asna</del>	<del>Asna</del>	<del>Asna</del>	<del>Asna</del>	<del>Asna</del>	<del>Asna</del>	<del>Asna</del>	<del>Asna</del>	<del>Asna</del>	<del>Asna</del>	<del>Asna</del>	<del>Asna</del>	<del>Asna</del>	<del>Asna</del>
42	FANEESHA A	<del>Faneesha</del>	<del>Faneesha</del>	<del>Faneesha</del>	<del>Faneesha</del>	<del>Faneesha</del>	<del>Faneesha</del>	<del>Faneesha</del>	<del>Faneesha</del>	<del>Faneesha</del>	<del>Faneesha</del>	<del>Faneesha</del>	<del>Faneesha</del>	<del>Faneesha</del>	<del>Faneesha</del>	<del>Faneesha</del>
43	FARSANA V .	<del>Farsana</del>	<del>Farsana</del>	<del>Farsana</del>	<del>Farsana</del>	<del>Farsana</del>	<del>Farsana</del>	<del>Farsana</del>	<del>Farsana</del>	<del>Farsana</del>	<del>Farsana</del>	<del>Farsana</del>	<del>Farsana</del>	<del>Farsana</del>	A	<del>Farsana</del>
44	FATHIMA HANAAN	<del>Fathima</del>	<del>Fathima</del>	<del>Fathima</del>	A	<del>Fathima</del>	A	<del>Fathima</del>	<del>Fathima</del>	<del>Fathima</del>	<del>Fathima</del>	<del>Fathima</del>	<del>Fathima</del>	<del>Fathima</del>	A	<del>Fathima</del>
45	LAZIM ABDUL MAJEED	<del>Lazim</del>	<del>Lazim</del>	<del>Lazim</del>	<del>Lazim</del>	<del>Lazim</del>	<del>Lazim</del>	<del>Lazim</del>	<del>Lazim</del>	<del>Lazim</del>	<del>Lazim</del>	<del>Lazim</del>	<del>Lazim</del>	<del>Lazim</del>	<del>Lazim</del>	<del>Lazim</del>
46	MOHAMMED ASLAM	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>
47	MUHAMMED ASLAM C	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>
48	MUHAMMED UNAIS	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	<del>Mohammed</del>	A	<del>Mohammed</del>

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# MES PONNANI COLLEGE, PONNANI

## DEPARTMENT OF COMPUTER SCIENCE

### Certificate Course

### Summary Report 2021-2022

#### Report on Certificate Course Conducted 2021-2022

The Department of Computer Science has conducted 5 certificate Courses. The details are mentioned below.

Sl. No.	Name of Course	Co-ordinator	No of students enrolled	No of students Passed
1	Statistical Data Analysis Using Excel	Saleema K	46	46
2	System Administration and Hardware Assembly	Saleema K	48	48
3	Python Programming	Nusrath K	134	134
4	Introduction To Web Designing HTML and CSS	Nusrath K	48	48
5	C programming	Aneeshya C A	48	48

The courses were conducted from June - 2021 to January - 2022 successfully and distributed certificates for all the students.

  
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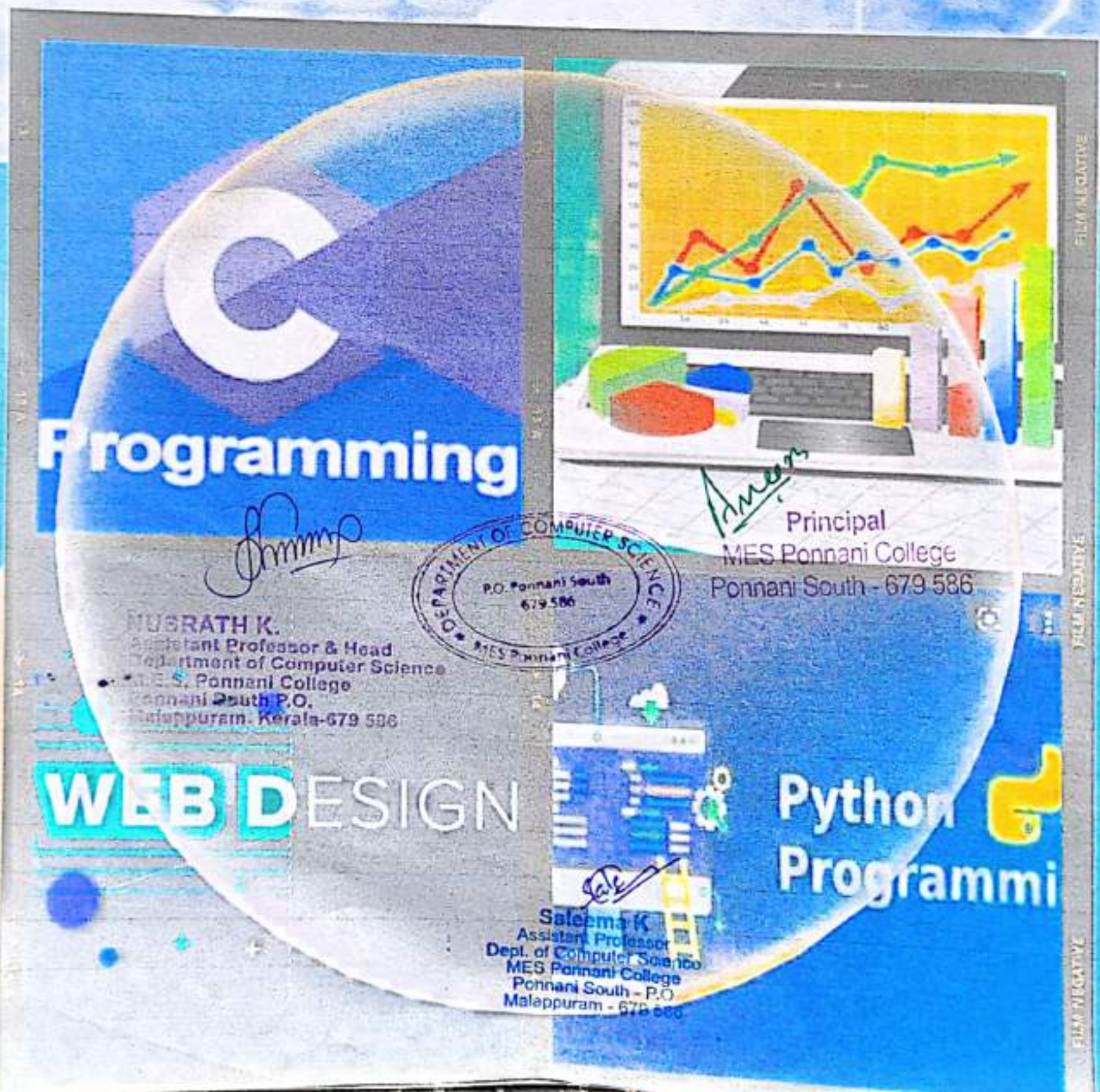
  
Principal  
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# CERTIFICATE COURSE 2021-2022

## Department of Computer Science

- Statistical data analysis using Excel
- Python Programming
- Programming in C
- Introduction to Web designing – HTML and CSS
- System Administration and Hardware Assembling



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*Salema*

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# MES PONNANI COLLEGE, PONNANI

## DEPARTMENT OF COMPUTER SCIENCE

Certificate Courses UG

Curriculum, Regulations, Eligibility, Scheme and Syllabus

2021-2022

### I Objective

1. Practical training to students in institutions.
2. Promoting skill development among students by the assistance of teaching faculty.
3. Entrepreneurship development

### II Courses Offered

1. Introduction to Web designing – HTML and CSS
2. Statistical data analysis using Excel
3. Python Programming
4. Programming in C
5. System Administration and Hardware Assembling

### III Eligibility criteria

Those students who passed Plus Two Science / Commerce, as Computer Sciences/ Mathematics as one of the core courses are eligible for admission to this course.

### II The scheme of examination

The course has duration of 30 hours with both theory and practical components. The evaluation scheme for each course shall contain two parts (a) Internal evaluation and (b) external evaluation by conducting examination at the end of the course. The final score = 30% Internal + 70% final certification exam score.


**Internal evaluation:** The internal evaluation shall be based on tests, assignments, seminars and attendance. The score percentage assigned to various components for internal evaluation is as follows.

	Component	Score percentage
1	Assignment/Seminar/Viva	5%
2	Attendance	5%
3	Test paper	20%



  
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**External evaluation:**

The external Examination in courses is to be conducted with question papers set by external experts. The evaluation of the answer scripts shall be done by examiners based on a well-defined scheme of valuation.

Letter grade	Performance	Score Percentae
A	Excellent	90 Above
B	Very good	80 Above
C	Good	60 Above
D	Average	50 Above
E	poor	Below 40

The course is evaluated by assigning a letter grade (A, B, C, D or E) to that course calculating the score percentage. An aggregate of C-grade (when external and internal put together) is required in the



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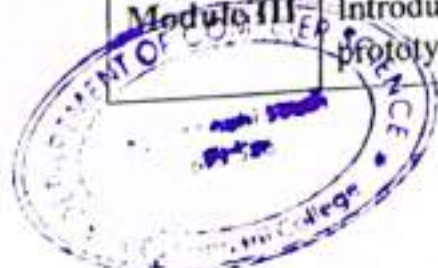
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**MES PONNANI COLLEGE, PONNANI**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**Syllabus for Certificate Course 2021-22**  
**Programming in C**

Name of the Course : <b>Programming in C</b>		
Course Code :		
<b>Duration : 43Hrs</b>	<b>Maximum Marks: 100</b>	
<b>Teaching Scheme :</b>	<b>Examination Scheme:</b>	
Theory : 21 Hrs	<i>Internal Examination : 30 Marks</i>	
Practical : C Lab	<i>Class Test : 20 Marks</i>	
Credit : 4	<i>Assignment/Seminar/Viva : 5 Marks</i>	
	<i>Attendance : 5 Marks</i>	
Practical : 22Hrs	<i>External Examination : 70 Marks</i>	
<b>Aim</b>		
1.	By learning the basic programming constructs students can easily switch over to any other language in future.	
<b>Objectives - The student will be able to</b>		
1.	Students will be able to develop logics which will help them to create programs, applications in C	
<b>Pre-Requisite -</b>		
1.	Participants should have a basic understanding of Computer Programming terminologies	
	<b>Content (Name of Topic)</b>	
	<b>Hours – Theory(T) / Lab(L)</b>	
<b>Module I</b>	<b>BASICS OF C PROGRAMMING</b> Introduction to programming paradigms – Structure of C program – C programming: Data Types Constants — Enumeration Constants – Keywords — Input/Output statements, Assignment statements — Decision making statements – Switch statement – Looping statements	<b>5T/2L</b>
<b>Module II</b>	<b>ARRAYS AND STRINGS</b> Introduction to Arrays: Declaration, Initialization — One dimensional array — Example Program: Computing Mean, Median and Mode – Two dimensional arrays-String operations	<b>3T/5L</b>
<b>Module III</b>	<b>FUNCTIONS AND POINTERS</b> Introduction to functions: Function prototype, function definition, function	<b>5T/5L</b>



	call, Built-in functions (string functions, math functions) — Recursion- Pointers	
<b>Module IV</b>	<b>STRUCTURES</b> Structure – Nested structures — Pointer and Structures — Array of structures	<b>3T/5L</b>
<b>Module V</b>	<b>FILE PROCESSING</b> Files — Types of file processing: Sequential access, Random access — Sequential access file	<b>5T/5L</b>
	<b>TOTAL</b>	<b>43 Hrs</b>



**SUGGESTED READINGS:**

2. C Programming Absolute Beginner's Guide
3. C Programming - Balagurusami

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# MES PONNANI COLLEGE, PONNANI

## DEPARTMENT OF COMPUTER SCIENCE

Certificate Courses UG 2021-22

COURSE : C PROGRAMMING

Enrollment List

SL NO	NAME OF STUDENT	Admission No	Program	Year of Study	Signature
1	FATHIMATHUL FIDHA	8846	BSC CS	2021-22	
2	MEHADIYA	9077	BSC CS	2021-22	
3	ABDULMUTHALIB	8994	BSC CS	2021-22	
4	ADEL JAMAL THANDANTHARAYIL	9053	BSC CS	2021-22	
5	DILSHAD V P	8997	BSC CS	2021-22	
6	JIMSHAD N J	9049	BSC CS	2021-22	
7	MOHAMMED NADHEEM ABDUL SALAM	8926	BSC CS	2021-22	
8	MOHAMMED NIZAM E	8940	BSC CS	2021-22	
9	MOHAMMED SAHAL A P	8815	BSC CS	2021-22	
10	MUHAMMED FARHAN KK	8855	BSC CS	2021-22	
11	MUHAMMED SHAMEEM T S	8857	BSC CS	2021-22	
12	AMEGHA SHAJI	8634	BSC CS	2021-22	
13	MEGHNA P	8993	BSC CS	2021-22	
14	SAI KRISHINA C	8609	BSC CS	2021-22	
15	SUFNA NASRIN	8840	BSC CS	2021-22	
16	ADARSH P	8969	BSC CS	2021-22	
17	HAMNA NAZRIN	7760	BSC CS	2021-22	
18	JASEELA H	7549	BSC CS	2021-22	
19	NINMISHA T	7309	BSC CS	2021-22	
20	SHIFA	7454	BSC CS	2021-22	
21	ANAND VISWANATH	7695	BSC CS	2021-22	
22	JOUHAR C	7681	BSC CS	2021-22	
23	MOHAMED SHEBIN T P	7657	BSC CS	2021-22	
24	MOHAMMED FARHAN	7682	BSC CS	2021-22	
25	MOHAMMED NABEEL	7590	BSC CS	2021-22	
26	SHIBIN M	7297	BSC CS	2021-22	
27	MAHEERA SAAD P	9055	BSC CS	2021-22	
28	NASNI K T	8753	BSC CS	2021-22	

29	NIDA NASRIN P	9051	BSC CS	2021-22	<i>Nida</i>
30	NIHALA T	8836	BSC CS	2021-22	<i>Nihala</i>
31	SAHLA SHERIN	9043	BSC CS	2021-22	<i>Sahla</i>
32	SHAFNA SHAFI A	9003	BSC CS	2021-22	<i>Shafna</i>
33	SHAFNA SHERIN P	9054	BSC CS	2021-22	<i>Shafna</i>
34	SREYA S	8966	BSC CS	2021-22	<i>Sreya</i>
35	SUNEETHI K	8692	BSC CS	2021-22	<i>Suneethi</i>
36	ABHINAND K	8979	BSC CS	2021-22	<i>Abhinand</i>
37	AJIL KUMAR T S	8582	BSC CS	2021-22	<i>Ajil</i>
38	ARSHAD ANWAR K	9050	BSC CS	2021-22	<i>Arshad</i>
39	FANEESHA A	8061	BSC CS	2021-22	<i>Faneesha</i>
40	FARSANA V	7824	BSC CS	2021-22	<i>Farsana</i>
41	FATHIMA HANAAN	7995	BSC CS	2021-22	<i>Fathima</i>
42	LAZIM ABDUL MAJEED	7978	BSC CS	2021-22	<i>Lazim</i>
43	MOHAMMED ASLAM	8461	BSC CS	2021-22	<i>Mohammed</i>
44	MUHAMMED ASLAM C	8334	BSC CS	2021-22	<i>Muhammed</i>
45	MUHAMMED UNAIS	7836	BSC CS	2021-22	<i>Muhammed</i>
46	SUFAIL	8383	BSC CS	2021-22	<i>Sufail</i>
47	APARNA T	8071	BSC CS	2021-22	<i>Aparna</i>
48	LIYANA UK	8340	BSC CS	2021-22	<i>Liyana</i>

Course Coordinator

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*Anneem*  
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33	SHAFNA SHERIN P	shafna	shafna	shafna	shafna	shafna	shafna	shafna	shafna	shafna	shafna	shafna	shafna	shafna	shafna	shafna
34	SREYA S	sreya	sreya	sreya	sreya	sreya	sreya	sreya	sreya	sreya	sreya	sreya	sreya	sreya	sreya	sreya
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45	MUHAMMED UNAIS	muammed	muammed	muammed	muammed	muammed	muammed	muammed	muammed	muammed	muammed	muammed	muammed	muammed	muammed	muammed
46	SUFAIL	sufail	sufail	sufail	sufail	sufail	sufail	sufail	sufail	sufail	sufail	sufail	sufail	sufail	sufail	sufail
47	APARNA T	aparna	aparna	aparna	aparna	aparna	aparna	aparna	aparna	aparna	aparna	aparna	aparna	aparna	aparna	aparna
48	LIYANA U K	liyana	liyana	liyana	liyana	liyana	liyana	liyana	liyana	liyana	liyana	liyana	liyana	liyana	liyana	liyana

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# MES PONNANI COLLEGE


Govt. Aided Institution | Affiliated to the University of Calicut  
NAAC Re-accredited (III Cycle) with 'A+' Grade (CGPA 3.46)  
Estd: 1968 | Recognized under UGC 2(f) & 12(B)

PG AND RESEARCH DEPARTMENT OF AQUACULTURE AND FISHERY MICROBIOLOGY

CERTIFICATE COURSE IN

2021-2022

# AQUARIUM MANAGEMENT

  
Principal  
MES Ponnani College  
Ponnani South - 679 586

Course Co-ordinator

**Dr. Rajool Shanis C.P**

Assistant Professor

PG & Research Department of Aquaculture and Fishery Microbiology



**Dr. RAJOOOL SHANIS C.P**

Assistant Professor  
PG Dept. & Research Centre in  
Aquaculture & Fishery Microbiology  
MES Ponnani College (University of Calicut)  
Ponnani-679586, Kerala, India.

# MES PONNANI COLLEGE

PG AND RESEARCH DEPARTMENT OF AQUACULTURE AND FISHERY  
MICROBIOLOGY

Certificate Course in Aquarium Management

2021-2022

## Course Coordinator

Dr. Rajool Shanis C.P

Assistant Professor

PG & Research Department of Aquaculture and fishery microbiology

MES Ponnani College, Ponnani- 679 586

## Organized by

PG & Research Department of Aquaculture and fishery microbiology

MES Ponnani College, Ponnani- 679 586

## Course duration/Time

1<sup>st</sup> August – 10<sup>th</sup> September 2021

## About the Department

The PG and Research Department of Aquaculture and Fishery Microbiology is a research centre under the University of Calicut and is a pioneer in the field of fishery microbiology and aquaculture related activities. The department has conducted various undergraduate and postgraduate courses and has experienced faculty for carrying out research work on various aspects of seafood pathogens. So far thirteen Scholars have registered in this department for pursuing PhD under Calicut University. The department has well-equipped hatchery and public aquarium with a collection of exotic and indigenous fishes.

## The theme of the certificate course

Keeping aquarium or "ornamental" fish as pets in aquaria or garden ponds is becoming an increasingly popular pastime. Many hundreds of fish species, both native and exotic, are sold for this purpose by aquarium suppliers. Keeping ornamental fish is a great hobby for people of all ages, however it is important to make sure your aquarium and its inhabitants remain happy and healthy. Ornamental fish hobby gives pleasure to young and old people. Ornamental fish keeping can make hobbyists to start their own farms in due course of time thus creates self-employment opportunities. India is still in a marginal position just contributing 1% of total ornamental fish trade. An estimate carried out by Marine Products Exports Development Authority of India shows that there are one million ornamental fish hobbyists in India. The annual growth rate of ornamental fish trade is 14%. A rich diversity of species and favourable climate, cheap labour make India suitable for ornamental fish culture. Tamilnadu, Kerala and West Bengal are the major states involved in ornamental fish farming. Two categories of ornamental fishes are being marketed from India - exotic and native. The exotic varieties have been dominated in the local market. Already 288 exotic varieties have been recorded in Indian market.





### A brief outline of the module of the certificate course

The course comprises theory classes which cover the Commercial Production of Freshwater Ornamental Fishes, Marine Ornamental Fishes, Nutrition and Disease, water quality parameters. The certificate course provides hands on training in setting up of aquarium and construction of glass tank. Breeding techniques of some common fresh water ornamental fishes also demonstrated in this course.

### Eligibility

Those students who possess B.Sc. Degree in Zoology, Botany, Aquaculture, Industrial Fish and Fisheries, Microbiology, Biochemistry, Food Processing Technology and Life Sciences as Core/Main subject with Zoology/ Botany/ Chemistry/ Biochemistry/ Computer Sciences/ as Complementaries/subsidiaries are eligible for admission.

### How to apply

The interested candidate may apply to 'The coordinator, Certificate course in "Aquarium Management" PG Dept. of Aquaculture and fishery microbiology, MES Ponnani College-679586 on or before 20<sup>th</sup> July 2021



*Ameen*  
Principal  
Principal

MES Ponnani College  
Ponnani South - 679 586

HoD

**Zubair A.A.**  
Assistant Professor  
PG Dept. & Research Centre in  
Aquaculture & Fishery Microbiology  
MES Ponnani College, Ponnani South P.O.,  
Malappuram (Dist)-679 586, India

Course Co-ordinator

**Dr. RAJOOOL SHANIS C.P**  
Assistant Professor  
PG Dept. & Research Centre in  
Aquaculture & Fishery Microbiology  
MES Ponnani College (University of Calicut)  
Ponnani-679586, Kerala, India.

# Aquarium management

## Internal Evaluation

### Assignments

1. Common Aquarium fishes, their collection.

### Projects

1. Construct filters/aerators using locally available materials (bottle, PVC Pipe).
2. Try breeding of ornamental fishes.

### Seminar topics

1. Problems in maintenance of home aquaria.
2. Preparation of different types of feeds for aquarium fishes
3. Rules and regulations in the collection and export of ornamental fishes

**Total Hours – 36 Hrs.**

## Syllabus

### Module 1: Introduction

(6 Hrs)

Introduction to aquarium, ornamental fishes and aquarium accessories. World aquarium trade and present status. Design and construction of public fresh water and marine aquaria. Aerators and filters. Water quality requirements. Temperature control. Biofilters in aquarium.

### Module 2: Aquarium Management

(6 Hrs)

Setting up of aquarium – under gravel filter, pebbles, plants, drift wood, ornamental objects and selection of fishes. Cleaning the aquarium; maintenance of water quality. Control of snail and algal growth. Handling, care and transportation of fish. Temperature acclimation, oxygen packing. Indigenous ornamental fishes of Kerala.

### Module 3: Freshwater Ornamental Fishes

(6 Hrs)

Species of ornamental fishes; their taxonomy and biology- Live bearers, Gold fish and koi, Gourami, Barbs and Tetras, angel fish, cichlids. Maturation, secondary sexual characters, breeding habits, spawning, parental care, fertilization and development of eggs. Hatching, larval rearing and their health. Freshwater plants – their taxonomy and morphology, multiplication of aquarium plants – different methods.



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*Zubair A.A.*

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Malappuram (Dist)-679 586, India

*Dr. RAJOO SHANIS C.P.*

Dr. RAJOO SHANIS C.P.

Assistant Professor  
PG Dept. & Research Centre in  
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MES Ponnani College (University of Calicut)  
Ponnani-679586, Kerala, India.

**Module 4: Commercial Production of Freshwater Ornamental Fishes (6 Hrs)**

Requirements and design for the commercial production units of ornamental fishes. Commercial production of goldfish, live bearers, gouramies, barbs and tetras, angel fish. Mass production of aquarium plants. Natural ponds for the mass production of ornamental fishes.

**Module 5: Marine Ornamental Fishes (6 Hrs)**

Marine ornamental fishes – varieties and their habitat. Major marine ornamental fish resources of India. Method of collection and transportation of live fish. Use of anesthetics. Quarantine measures. Breeding of marine ornamental fishes. Reef aquarium and live rocks. Other ornamental organisms – anemones, worms, lobsters, shrimps, octopus, starfish.


**Module 6: Nutrition and Disease (6 Hrs)**

Nutritional requirements of aquarium fishes. Different kinds of feeds. Culture of fish food organisms; Preparation of dry feeds; feeding methods. Use of pigments for colour enhancement. Larval feeds and feeding. Provision of nutrients and optimum environmental conditions for their growth. Identification of common parasites infecting ornamental fishes. Study of bacterial, viral, fungal diseases of ornamental fishes and their control and prophylaxis.



*Amer*

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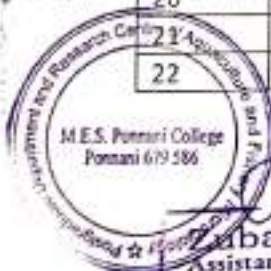
MES PONNANI COLLEGE

PG DEPARTMENT OF AQUACULTURE AND FISHERY MICROBIOLOGY

List of the students enrolled in the certificate course in Aquarium Management

(2021-22)

Sl. No	Name	Signature
1	KAVYA T	
2	ALISHA.P	
3	ANAGHA VENU	
4	ARUN S SURENDRAN	
5	AYSHA SHENAZ	
6	DIYA SATHYAN	
7	DRISHYA E	
8	ASEELA K A	
9	ASWANI T M	
10	ZAINUL ABID P M	
11	ABDUL BASITH T M	
12	GANGA K S	
13	HIBA C ISMAIL	
14	LAMYA UMMER M.V	
15	MEGHANA K SURENDRAN	
16	MUNEEFA K	
17	RIZWANA RASHEED M.K	
18	SAJITHA S	
19	SHAHLA K	
20	SHIFNA PJ	
21	THABSHEERA M	
22	SHILPA R S	



**A.A. Sabair**  
 Assistant Professor  
 PG Dept. & Research Centre in  
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 MES Ponnani College, Ponnani South P.O.,  
 Malappuram (Dist)-679 586, India

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MES PONNANI COLLEGE

PG DEPARTMENT OF AQUACULTURE AND FISHERY MICROBIOLOGY

Certificate course in Aquarium Management

Attendance sheet (2021-2022)

Sl. no	Name of the student	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	KAVYA T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	ALISHA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	ANAGHA VENU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	ARUN S SURENDRAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	AYSHA SHENAZ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	DIYA SATHYAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	DRISHYA E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	ASEELA K A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	ASWANI T M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	ZAINUL ABID P M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	ABDUL BASITH T M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	GANGA K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	HIBA C ISMAIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	LAMYA UMMER M.V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	MEGHANA K SURENDRAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	MUNEEFA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	RIZWANA RASHEED M.K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	SAJITH K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
19	SHARIFA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	SHARIFA NA PJ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21	SHARIFA NA PJ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
22	SHARIFA NA PJ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



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**DEPARTMENT OF AQUACULTURE AND FISHERY MICROBIOLOGY**  
 MES Ponnani College (University of Calicut)  
 Ponnani-679586, Kerala, India.

# MES PONNANI COLLEGE

## PG DEPARTMENT OF AQUACULTURE AND FISHERY MICROBIOLOGY

### Report of Certificate Course entitled Aquarium Management

PG & Research Department of Aquaculture and Fishery Microbiology, MES Ponnani College, has successfully conducted the certificate course entitled Aquarium Management, for a period of 30 days from 1<sup>st</sup> August – 10<sup>th</sup> September 2021. A total of twenty-two students were enrolled in the course and all of them successfully completed the course with A grade. The certificate course covered the commercial production of freshwater ornamental Fishes, marine ornamental fishes, nutrition and disease, water quality parameters aspects. The course also included hands on practical on the setting up of aquarium and construction of glass tank. Breeding techniques of some common fresh water ornamental fishes also demonstrated in this course.



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DEPARTMENT OF CHEMISTRY  
M E S PONNANI COLLEGE

*Certificate Course*

*in*

**Chemistry & Life**

For registration



<https://forms.gle/KtbDGroXJWWyqvLXA>

**Intended group**  
**All students**

**Course duration**  
**30 hours**

**Platform used**  
**Google meet &**  
**Google classroom**

**For more details**  
**9745517334**

**MES PONNANI COLLEGE**  
**DEPARTMENT OF CHEMISTRY**  
**CERTIFICATE COURSE 2021-22**  
**CHEMISTRY AND LIFE**

**SYLLABUS AND EVALUATION SCHEME**

**I. SYLLABUS**

**Module I: Pharmaceuticals [6hrs]**

Drugs and their Classification-Chemical name, generic name and trade name with examples-Classes of Drugs-Antipyretics, analgesics, antacids, antihistamines, antibiotics, antiseptics, anaesthetics, antidepressants and psychedelic drugs, Neurologically Active Drugs.

**Module II: Foods [5hrs]**

Chemicals in Food, Food Preservatives, Antioxidants, Artificial sweeteners- Food colours-(Permitted and non-permitted), Common Adulterants in Different Foods, health effects of fast foods, instant foods, dehydrated foods and junk foods, Harmful effects of modern food habits

**Module III: Cleansing Agents [5hrs]**

Soaps, Hard and soft soaps, Synthetic Detergents, Cleaning action of soaps and detergents, Different kinds cleaning agents in housekeeping, Acid Cleaners, Alkaline Cleaners, Solvent cleaners, Disinfectants, Bleaches, Polishes.

**Module IV: Polymers [6hrs]**

Types of polymers-Natural and synthetic polymers with examples – Thermoplastics and thermosetting plastics. Applications of polythene, polypropene, polystyrene, PMMA, PVC, Teflon, Nylon 66, bakelite, melmac, terylene, kevlar, nomex, lexan and synthetic rubbers – Natural silk and artificial silk – Advantages of vulcanized rubber – Plastic Recycling-Plastic identification codes – Applications of biodegradable polymers (PGA, PLA and PHBV) -

**Module V: Agriculture [5 hrs]**

Fertilizers: Essential nutrients for plants – NPK value - Natural and synthetic fertilizers - Nitrogenous, phosphatic and potash fertilizers (examples) – Impact of excessive use of fertilizers on environment –Bio fertilizers. Pesticides: Classification - Insecticides, herbicides, rodenticides.

**Module VI: Cement and Glass [3hrs]**

Cement: Composition of Portland cement-Manufacturing of cement-Setting of cement-Role of gypsum

Glass: Composition, properties and applications of different types of glasses





## II. EVALUATION SCHEME

The evaluation shall be based on a predetermined transparent system involving written tests, class room participation based on attendance, assignment and seminar/viva.

### Components of Evaluation

Sl. No.	Components	Marks
1	Class room participation based on attendance	10
2	Test paper	50
3	Assignment	10
4	Viva	10
<i>Total Marks</i>		80

### GRADING

% of Total marks	GRADE
$\geq 90$	A+
80-89	A
70-79	B+
60-69	B
50-59	C+
40-49	C
35-39	D
$< 35$	Failed

  
Course Coordinator

MINSHIYA, P  
Assistant Professor  
Dept. of Chemistry  
MES Ponnani College  
Malappuram - 679 586

**MES PONNANI COLLEGE**  
**DEPARTMENT OF CHEMISTRY**  
**CERTIFICATE COURSE 2021-22: CHEMISTRY AND LIFE**  
**STUDENTS ENROLLED**

Sl. No.	Name	Programme	Year of Study	Sign
1	Rinshitha v v	B. Sc. Botany	1st	
2	Shaftba. T. V	B. Sc. Botany	1st	
3	Krishnendhu.k	B. Sc. Botany	1st	
4	Thasniya p	B. Sc. Botany	1st	
5	Ansaba	B. Sc. Chemistry	1st	
6	Wafa mp	B. Sc. Chemistry	1st	
7	Risvana thesni A.P	B. Sc. Chemistry	1st	
8	Sahna Febin K	B. Sc. Chemistry	1st	
9	Dilrusha	B. Sc. Chemistry	1st	
10	Anjana	B. Sc. Chemistry	1st	
11	Lameesha Nourin P	B. Sc. Chemistry	1st	
12	Ayisha farhana	B. Sc. Chemistry	1st	
13	Fathima Hiba A.K	B. Sc. Chemistry	1st	
14	Shirin Shabana	B. Sc. Chemistry	1st	
15	Fathima Fidha Tk	B. Sc. Chemistry	1st	
16	Shifana jasmine pp	B. Sc. Chemistry	1st	
17	Aswin Joseph TT	B. Sc. Geology	1st	
18	Prithiunath k v	B. Sc. Geology	1st	
19	Fathimath Dhuniya	B. Sc. Geology	1st	
20	Sivaganga.p	B. Sc. Geology	1st	
21	FARSANA.P	B. Sc. Geology	2nd	
22	Muhammed Jasir A S	B. Sc. Geology	2nd	
23	Neha Shihabudheen	B. Sc. Geology	2nd	
24	FIDHA	B. Sc. Physics	1st	
25	Abdul gafoor	B. Sc. Physics	1st	
26	Fathimathul Raifa.NP	B. Sc. Physics	2nd	
27	ARAF.A. V	B. Sc. Physics	2nd	
28	Fathima Thasni kv	B. Sc. Physics	2nd	
29	NASNA NASRIN.P	B. Sc. Physics	2nd	
30	RASMIYA PA	B. Sc. Physics	2nd	

31	FATHIMA RASEENA N V	B. Sc. Physics	2nd	<i>Radi</i>
32	AMINA RIFA M	B. Sc. Zoology	1st	<i>Amina</i>
33	SAJLA SALIH	B. Sc. Zoology	2nd	<i>Sajla</i>
34	VISHNU K V	B. Sc. Zoology	2nd	<i>Vishnu</i>
35	RINSHIDA P	B. Sc. Zoology	2nd	<i>Rinshida</i>
36	SHANA SHERIN	B. Sc. Zoology	2nd	<i>Shana</i>
37	MUHSINA.K.K.	B. Sc. Zoology	2nd	<i>Muhsina</i>
38	FATHIMA FEMINAS	B. Sc. Zoology	2nd	<i>Femina</i>
39	AYANA.T	B. Sc. Zoology	2nd	<i>Ayana</i>
40	GAYATHRI.N	B. Sc. Zoology	2nd	<i>Gayathri</i>
41	HRIDYA. C	B. Sc. Zoology	2nd	<i>Hridya</i>
42	HIBA T. K	B. Sc. Zoology	2nd	<i>Hiba</i>
43	FATHIMATH SUDHEEK M	B. Sc. Zoology	2nd	<i>Sudheek</i>
44	HENNA SHIRIN	B. Sc. Zoology	2nd	<i>Henna</i>
45	MOHAMMED SUHAIL N V	B. Sc. Geology	3rd	<i>Suhail</i>
46	MUHAMMED AJMAL M	B. Sc. Geology	3rd	<i>Ajmal</i>
47	MUHAMMED NIHAL P	B. Sc. Geology	3rd	<i>Nihal</i>
48	AFHAM K	B. Sc. Geology	3rd	<i>Afham</i>
49	MOHAMMED ADNAN	B. Sc. Geology	3rd	<i>Adnan</i>
50	SATHEESH LAL K A	B. Sc. Geology	3rd	<i>Satheesh</i>
51	SHARATH P V	B. Sc. Geology	3rd	<i>Sharath</i>
52	ASWINI K P	B. Sc. Geology	3rd	<i>Aswini</i>
53	CHANDANA M V	B. Sc. Geology	3rd	<i>Chandana</i>
54	MUMTHAS T	B. Sc. Geology	3rd	<i>Mumthas</i>
55	P KRISHNENDU	B. Sc. Geology	3rd	<i>Krishnendu</i>
56	RAEESA C	B. Sc. Geology	3rd	<i>Raeesa</i>
57	SANDRA RAJAN	B. Sc. Geology	3rd	<i>Sandra</i>
58	SARANYA T V	B. Sc. Geology	3rd	<i>Saranya</i>
59	SHIFANA C P	B. Sc. Geology	3rd	<i>Shifana</i>
60	SWATHY MOHANAN K	B. Sc. Geology	3rd	<i>Swathy</i>
61	DEVIKA PONNIETH	B. Sc. Physics	3rd	<i>Devika</i>
62	FARHANA K A	B. Sc. Physics	3rd	<i>Farhana</i>
63	FASEEHA FEBI C	B. Sc. Physics	3rd	<i>Faseeha</i>
64	FATHIMA LASINA P V	B. Sc. Physics	3rd	<i>Fathima</i>
65	FATHIMA MINHA K	B. Sc. Physics	3rd	<i>Fathima</i>
66	HRIDHYA P H	B. Sc. Physics	3rd	<i>Hridhya</i>
67	MEHROOSHA PARVIN M H	B. Sc. Physics	3rd	<i>Mehroosha</i>
68	LADHEEDA C M	B. Sc. Physics	3rd	<i>Ladheeda</i>
69	LUBANA V P	B. Sc. Physics	3rd	<i>Lubana</i>
70	NAZIYA NGOVI P	B. Sc. Physics	3rd	<i>Naziya</i>
71	RINSHI SHERI K P	B. Sc. Physics	3rd	<i>Rinshi</i>
72	VISMAYA T P	B. Sc. Physics	3rd	<i>Vismaya</i>
73	WAFI K K	B. Sc. Physics	3rd	<i>Wafi</i>
74	AJAY K	B. Sc. Physics	3rd	<i>Ajay</i>
75	MOHAMMED AFSAL K C	B. Sc. Zoology	3rd	<i>Afsal</i>

76	FATHIMA SABNA K P	B. Sc. Zoology	3rd	Saba
77	FATHIMA SANIYA K V	B. Sc. Zoology	3rd	Banya
78	MINU NAJVA A P	B. Sc. Zoology	3rd	Minu
79	MOHSINA C V O	B. Sc. Zoology	3rd	Moyo
80	LIYANA P P	B. Sc. Zoology	3rd	Liyana
81	NAJIYA SHERIN P	B. Sc. Zoology	3rd	Najya
82	SHAMSEENA M	B. Sc. Zoology	3rd	Shams
83	SHANI ROSE V	B. Sc. Zoology	3rd	Rose Shan
84	SHANIBA K P	B. Sc. Zoology	3rd	Shaniba
85	ABHIRAM KRISHNAN	B. Sc. Zoology	3rd	Abhiram
86	ATHULYA M P	B. Sc. Zoology	3rd	Athulya
87	MAHISHA MARIYAM	B. Sc. Zoology	3rd	Mahisha
88	NAJMA	B. Sc. Zoology	3rd	Najma
89	RASEENA THASNI C M	B. Sc. Zoology	3rd	Raseena

  
HOD

  
Course Coordinator









**MES PONNANI COLLEGE  
DEPARTMENT OF CHEMISTRY  
CERTIFICATE COURSE 2021-22  
CHEMISTRY AND LIFE**

**SUMMARY REPORT AND COURSE OUTCOME**

**Summary**

The Department of Chemistry has been conducted an online certificate course for the academic year 2021-2022 on '*Chemistry and Life*'. The syllabus include six modules that covered basic knowledge about various chemical products which are essential for our day to day life. Duration of the course is 30 hours and is started on 4<sup>th</sup> August 2022. This course is aimed to students of all U G programmes. 89 students from various programmes are enrolled into the course. The LMS platform google classroom is used to handle the sessions. The final evaluation had been done by conducting a written test, classroom participation, viva and assignment as per evaluation scheme. Final grading is done based on the percentage of mark secured. 83 students are benefitted with the course and course certificates are issued to the students who successfully completed.

**Course outcomes**

At the end of the course, students will be able to,

- Recognize various drugs and their correct uses.
- Differentiate various polymer products available in the market and their applications
- Differentiate different types of polymers based on their plastic identification code
- Recognise various common food additives and follow a good food habits.
- Explain uses of various pesticides and fertilizers and their impacts on the environment.
- Understand advantages and disadvantages of cleansing agents and cosmetics.
- Recognise the importance of cement setting and role of gypsum in cement
- Differentiate different types of glasses and their uses

  
HoD



  
Course Coordinator





# MES PONNANI COLLEGE

Govt. Aided Institution | Affiliated to the University of Calicut  
NAAC Re-accredited (III Cycle) with 'A+' Grade (CGPA 3.46)  
Estd: 1968 | Recognized under UGC 2(f) & 12(B)

RESEARCH AND PG DEPARTMENT OF PHYSICS

CERTIFICATE COURSE IN

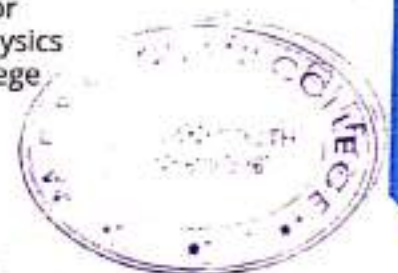
# INVISIBLE ELECTRONICS

## 2021-2022

*Anura*  
Principal  
MES Ponnani College  
Ponnani South - 679 586

Course Co-ordinator

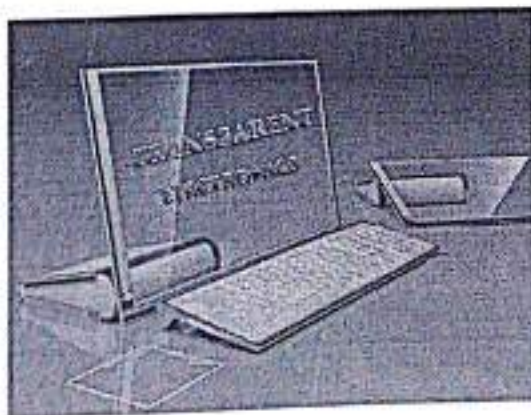
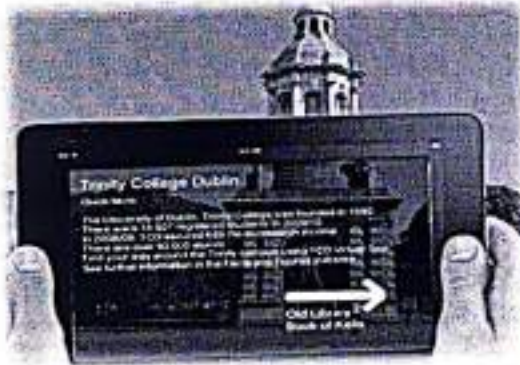
**SREEJALAKSHMI.S**  
Assistant Professor  
Department of Physics  
MES Ponnani College



**Research and PG Department of Physics**  
**MES Ponnani College**  
**Certificate Course on Invisible Electronics**  
**2021-2022**

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The research and PG department of Physics announces the short term certificate course on Invisible Electronics, one of the hottest topics in technology today. The development in this technology is rapid and the benefits arising from this has yet to become clear based on the science associate with the phenomena. Invisible electronics deals mainly with complete transparency, hiding from sight and possibly light bending can also be involved. Through this course the department of physics of MES Ponnani College in intended to introduce this recent development in the field of technology into the student community especially students in physics, chemistry, materials science and nanotechnology, electronics and electrical engineering or related fields. The certificate will be issued to the students who successfully complete the course.



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## Syllabus

Course period: 30 hrs

2021-2022

### Module I (10 hrs)

Basics of electronic structure and crystal structure, Electron- Electron interactions, electron lattice interactions, electron density, Band theory of solids and free electron theory, uniform electron gas (UEG) or homogeneous electron gas (HEG), Collective behaviour of Electrons, Plasmons and electron Interactions.

### Module II (10hrs)

Introduction to Invisible electronics, Basic properties on Invisible electronic materials, Space group of compounds, Types of compounds- number of cations and types of conductivity. Drude free electron theory, B-M effect and tuning of optical bandgap.

### Module III (10hrs)

Development of Materials for Invisible electronics, Methods of fabrication- RF Sputtering, Pulsed laser deposition, Spray pyrolysis and molecular beam epitaxy, Thin film transistors (TFT), OLEDs, LES, Flat Panel Displays, defrosting windows and invisible devices.

### References

1. C. Kittel, : Introduction to Solid State Physics 5th edition (Wiley Eastern)
2. Emerging Photovoltaic materials: Silicon and Beyond Emerging Photovoltaic Materials: Silicon and Beyond, December 2018, Wiley-USA, Chapter 8, 239-257
3. D.S. Ginley, H. Hosono, D.C. Paine EDS.), Handbook of Transparent Conductors, Springer Science and Business Media, New York 2010.

### Methodology

1. Lecture
2. Power Point Presentations
3. Laboratory workshops



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*Aneesh*

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*Sreejalakshmi . S*  
Asst. Professor, Dept. of Physics  
M.E.S Ponnani College,  
Ponnani South -679586  
Ponnampuram (DU), Kerala

### EVALUATION SCHEME

The evaluation shall be based on a predetermined transparent system involving written tests, class room participation based on attendance, assignments and seminar/viva.


#### Components of Evaluation

Sl. No	Components	Marks
1	Class room participation based on attendance	10
2	Test paper	50
3	Assignment	10
4	Viva	10
	<b>Total Marks</b>	<b>80</b>

#### GRADING

% of Total marks	GRADE
$\geq 90$	A+
80-89	A
70-79	B+
60-69	B
50-59	C+
40-49	C
35-39	D
$< 35$	Failed

  
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**MES PONNANI COLLEGE**  
**DEPARTMENT OF PHYSICS**  
**CERTIFICATE COURSE 2021-22 : INVISIBLE ELECTRONICS**

**STUDENTS ENROLLED**

Sl. No	Name of Student	Programme	Year of Study	Sign
1	Ajay	Physics	3rd	
2	Amar	Physics	3rd	
3	Athira	Physics	3rd	
4	Aysha	Physics	3rd	
5	Abirami	Physics	3rd	
6	Afeefa	Physics	3rd	
7	Arifa	Physics	3rd	
8	Devika	Physics	3rd	
9	Dheeraj	Physics	3rd	
10	Fathima	Physics	3rd	
11	Fathima	Physics	3rd	
12	Faheem	Physics	3rd	
13	Faseela.V.A	Physics	3rd	
14	Fathima	Physics	3rd	
15	Fathima Minha	Physics	3rd	
16	Hiba	Physics	3rd	
17	Hiba haneena	Physics	3rd	
18	Hridhya	Physics	3rd	
19	Indrajith	Physics	3rd	
20	Ladheeda	Physics	3rd	
21	Lubana	Physics	3rd	
22	Megha	Physics	3rd	
23	Mehara	Physics	3rd	
24	Mehroosha	Physics	3rd	
25	Mohamed	Physics	3rd	
26	Mohamed	Physics	3rd	
27	Naziya Noovi	Physics	3rd	
28	Niba	Physics	3rd	
29	Nishin	Physics	3rd	
30	RINSHI	Physics	3rd	
31	Ram	Physics	3rd	
32	Risin	Physics	3rd	
33	Sandra A	Physics	3rd	
34	Shahana	Physics	3rd	
35	Shahvana kp	Physics	3rd	
36	Shamil	Physics	3rd	
37	Shamila	Physics	3rd	
38	Shimna	Physics	3rd	
39	Thejus	Physics	3rd	



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40	Vismaya	Physics	3rd	<i>Vismaya</i>
41	Yadhu	Physics	3rd	<i>Yadhu</i>
42	Adithya	Physics	3rd	<i>Adithya</i>
43	Chithra	Physics	3rd	<i>Chithra</i>
44	Faseeha	Physics	3rd	<i>Faseeha</i>
45	Faseena	Physics	3rd	<i>Faseena</i>
46	Wafa	Physics	3rd	<i>Wafa</i>
47	Ansiya A	Physics	2nd	<i>Ansiya A</i>
48	FATHIMA RASEENA N V	Physics	2nd	<i>FATHIMA RASEENA N V</i>
49	FATHIMA THASNI KV	Physics	2nd	<i>FATHIMA THASNI KV</i>
50	FEBINA SHERIN M	Physics	2nd	<i>FEBINA SHERIN M</i>
51	HIBA MAJEED	Physics	2nd	<i>HIBA MAJEED</i>
52	LADEEDA C	Physics	2nd	<i>LADEEDA C</i>
53	RASMIYA P A	Physics	2nd	<i>RASMIYA P A</i>
54	MOHAMED ANSAB T P	Physics	2nd	<i>MOHAMED ANSAB T P</i>
55	MOHAMMED RIFAN V	Physics	2nd	<i>MOHAMMED RIFAN V</i>
56	MOHAMMED SHUHAIB T V	Physics	2nd	<i>MOHAMMED SHUHAIB T V</i>
57	RASHAD P E	Physics	2nd	<i>RASHAD P E</i>
58	SHABEEB RAHMAN K	Physics	2nd	<i>SHABEEB RAHMAN K</i>
59	AMBILI T	Physics	2nd	<i>AMBILI T</i>
60	ANUSREE C	Physics	2nd	<i>ANUSREE C</i>
61	ARAF A V	Physics	2nd	<i>ARAF A V</i>
62	ARATHY KRISHNA K	Physics	2nd	<i>ARATHY KRISHNA K</i>
63	ASNA K	Physics	2nd	<i>ASNA K</i>
64	FARHANA P K	Physics	2nd	<i>FARHANA P K</i>
65	FATHIMATHUL RAIFA N P	Physics	2nd	<i>FATHIMATHUL RAIFA N P</i>
66	SARIKA K	Physics	2nd	<i>SARIKA K</i>
67	SUFNADIYA P	Physics	2nd	<i>SUFNADIYA P</i>
68	SUVARSHA M P	Physics	2nd	<i>SUVARSHA M P</i>
69	ABHINAND R	Physics	2nd	<i>ABHINAND R</i>
70	ARUN P	Physics	2nd	<i>ARUN P</i>
71	MIBSAM C A	Physics	2nd	<i>MIBSAM C A</i>
72	MUHAMMED MUSTHAFA	Physics	2nd	<i>MUHAMMED MUSTHAFA</i>
73	APARNASREE MURALI	Physics	2nd	<i>APARNASREE MURALI</i>
74	ARYASREE K P	Physics	2nd	<i>ARYASREE K P</i>
75	ASWANI K	Physics	2nd	<i>ASWANI K</i>
76	NASNA NASRIN P	Physics	2nd	<i>NASNA NASRIN P</i>
77	NIZWANA PARVEEN P P	Physics	2nd	<i>NIZWANA PARVEEN P P</i>
78	SANDRA A S	Physics	2nd	<i>SANDRA A S</i>
79	SHIBILA NASRIN M	Physics	2nd	<i>SHIBILA NASRIN M</i>
80	SHIBILAJITH M	Physics	2nd	<i>SHIBILAJITH M</i>
81	SUHASINI C P	Physics	2nd	<i>SUHASINI C P</i>
82	SUMAYYA SALAM	Physics	2nd	<i>SUMAYYA SALAM</i>
83	VINIMA K P	Physics	2nd	<i>VINIMA K P</i>
84	WAF A C A	Physics	2nd	<i>WAF A C A</i>
85	ADHUL I S	Physics	2nd	<i>ADHUL I S</i>



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86	ARJUN V	Physics	2nd	<i>[Signature]</i>
87	HITHIN P	Physics	2nd	<i>[Signature]</i>
88	MOHAMMED THANVEER	Physics	2nd	<i>[Signature]</i>
89	NIHAD B	Physics	2nd	<i>[Signature]</i>
90	PRANAV C	Physics	2nd	<i>[Signature]</i>
91	SREYAS K	Physics	2nd	<i>[Signature]</i>
92	VISHNU C	Physics	2nd	<i>[Signature]</i>

**HOD**

Department of Physics  
MES Ponnani College  
Ponnani South  
Pin - 679586



*[Signature]*  
Coordinator

Sreejalakshmi . S  
Asst. Professor, Dept. of Physics  
M.E.S Ponnani College,  
Ponnani South -679586  
Malappuram (Dt), Kerala

*Ameers*

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Ponnani South - 679 586



MES PONNANI COLLEGE  
DEPARTMENT OF PHYSICS  
CERTIFICATE COURSE 2021-2022  
INVISIBLE ELECTRONICS

Attendance Sheet

Sl. No	Name of Student	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	18	19	20	21	22	23	24	25	26	27	28	29	30	
1	AJAY	/	/	/	/	a	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	/	a	/	/	/	/	a	/	/	/	/
2	AMAR	/	/	a	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/
3	ATHIRA	/	/	/	/	/	/	/	/	a	a	/	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
4	AYSHA	/	/	/	/	/	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5	Abirami	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
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7	Arifa	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8	Devika	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
9	Dheeraj	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
10	FATHIMA	/	a	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	FATHIMA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
12	Faheem	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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15	Fathima Minha	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
16	Hiba	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17	Hiba haneena	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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19	Indrajith	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
20	Ladheeda	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/





MES PONNANI COLLEGE  
DEPARTMENT OF PHYSICS  
CERTIFICATE COURSE 2021-2022  
INVISIBLE ELECTRONICS

Attendance Sheet

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
21	Lubana	/	/	/	/	✓	✓	✓	✓	a					/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	
22	Megha	/	/	/	/	✓	✓	✓	✓		a				/	/	/	/	a						/	/	/	/	/	a	/	/	/
23	Mehara	/	/	/	/	✓	✓	✓	✓						/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/
24	Mehroosha	/	/	/	/	✓	✓	✓	✓						/	/	/	/	/	/	/	/	/	/	/	a		✓	✓	/	/	/	
25	Mohamed	/	/	/	/	✓	✓	✓	✓				a		/	/	/	/	✓	✓	✓	✓	✓	✓	/	/	/	✓	✓	/	/	/	
26	Mohamed	/	/	/	/	a	✓	✓	✓	✓					/	/	/	/	/	/	/	/	/	/	0	/	/	✓	✓	/	/	/	
27	Nazliya Noovi	a	/	/	/	✓	✓	✓	✓	✓					/	/	/	/	/	/	/	/	/	/	/	/	✓	✓	✓	/	/	a	
28	Niba	a	/	/	/	✓	✓	✓	✓	✓					/	/	/	/	/	/	/	/	/	/	/	/	/	✓	✓	✓	/	/	
29	Nishin	/	/	/	/	✓	✓	✓	✓	a	✓				/	/	/	/	/	/	/	/	/	/	/	/	/	✓	✓	✓	/	/	
30	RINSHI	/	/	/	/	✓	✓	✓	✓					a		/	/	/	/	/	/	/	/	/	/	/	/	✓	✓	✓	/	/	
31	Ram	/	/	a	/	✓	✓	✓	✓	✓					/	/	/	/	/	/	/	a	/	/	/	/	✓	✓	✓	✓	/	/	
32	Risin	/	/	a	/	✓	✓	✓	✓	✓			✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
33	Sandra A	/	/	/	/	a	✓	✓	✓	✓					/	/	a	/	/	/	/	/	/	/	/	/	a	✓	✓	✓	✓	/	
34	Shahana	a	/	/	/	✓	✓	✓	✓	✓					/	/	✓	/	/	/	/	/	/	/	/	/	✓	✓	✓	✓	/	/	
35	Shahvana kp	/	/	/	/	✓	✓	✓	✓		a				/	/	/	/	/	/	/	/	/	/	/	/	✓	✓	✓	✓	/	/	
36	Shamil	/	/	/	/	✓	✓	✓	✓	✓					/	/	/	/	/	/	/	/	/	/	0	/	✓	✓	✓	✓	/	/	
37	Shamila	/	/	/	/	✓	✓	✓	✓	✓					/	/	a	/	/	/	/	/	/	/	/	/	✓	✓	✓	✓	/	/	
38	Shimna	/	/	/	/	✓	✓	✓	✓	✓					✓	a	✓	/	/	/	/	/	✓	✓	✓	✓	✓	✓	✓	✓	✓	/	
39	Thejus	/	/	/	/	a	✓	✓	✓	✓					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	/	
40	VISMAYA	a	/	/	/	✓	✓	✓	✓	✓			✓	✓		✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	a	
41	Yadhu	/	a	/	/	✓	✓	✓	✓	✓					/	/	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	/	
42	adithya	/	/	/	/	✓	✓	✓	✓	✓					/	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	/	
43	chithra	/	/	/	/	✓	✓	✓	✓		a				/	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	/	
44	faseeha	/	/	/	/	✓	✓	✓	✓	✓					/	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	/	
45	faseena	/	a	/	/	✓	✓	✓	✓	✓					/	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	/	
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MES PONNANI COLLEGE  
DEPARTMENT OF PHYSICS  
CERTIFICATE COURSE 2021-2022  
INVISIBLE ELECTRONICS

Attendance Sheet

80	SHIBILAJITH M	/	/	a	/	/	/	/	/	/	/	/	/	/	/	g	/	/	/	a	/	/	/	/	/
81	SUHASINI C P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	f	/	/	/	/	/	/	/	/
82	SUMAYYA SALAM	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/
83	VINIMA K P	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
84	WAFAC A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	g	/	/	/	/	/	/	/	/	/
85	ADHUL IS	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
86	ARJUN V	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
87	HITHIN P	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
88	MOHAMMED THANVEER	/	/	/	/	/	/	a	/	/	/	/	/	/	/	5	/	/	/	/	/	/	/	/	/
89	NIHAD B	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	g	/	/	/	/	/	/	/	/
90	PRANAV C	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
91	SREYAS K	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
92	VISHNU C	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

  
**HOD**  
Department of Physics  
MES Ponnani College  
Ponnani South  
Pin - 679 586

  
**Principal**  
MES Ponnani College  
Ponnani South - 679 586



  
Sreejith S  
Asst. Professor, Dept. of Physics  
MES Ponnani College,  
Ponnani South - 679586  
Pappuram (Dt), Kerala

MES PONNANI COLLEGE  
DEPARTMENT OF PHYSICS  
CERTIFICATE COURSE 2021-22 : INVISIBLE ELECTRONICS

SUMMARY REPORT AND COURSE OUTCOME


SUMMARY

The Department of Physics has been conducted an online certificate course for the academic year 2021-2022 on 'Invisible Electronics'. The syllabus includes three modules that cover basic knowledge about key concepts of electronic science and equip students with advanced scientific/technological capabilities for analyzing and tackling the issues and problems in the field of electronics. Duration of the course is 30 hours and started on 15<sup>th</sup> July 2021. This course is aimed at students of all U G programmes. 92 students from various programmes are enrolled into the course. The online class room is used to handle the sessions. The final evaluation had been done by conducting a written test, classroom participation, viva and assignment as per evaluation scheme. Final grading is done based on the percentage of marks secured. 91 students are benefitted with the course and course certificates are issued to the students who successfully completed.

Course Outcome

- Provide students with learning experiences that develop broad knowledge and understanding of key concepts of electronic science and equip students with advanced scientific /technological capabilities for analyzing and tackling the issues and problems in the field of electronics.
- Develop ability in students to apply knowledge and skills they have acquired to the solution of specific theoretical and applied problems in electronics.
- Develop abilities in students to design and develop innovative solutions for benefits of society, by diligence, leadership, team work and lifelong learning.
- Provide students with skills that enable them to get employment in industries or pursue higher studies or research assignments or turn as entrepreneurs.

  
HoD  
**HOD**  
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Principal  
MES Ponnani College  
Ponnani South - 679 586

  
Course Coordinator

Sreejalakshmi . S  
Asst. Professor, Dept. of Physics  
M.E.S Ponnani College,  
Ponnani South -679586  
Malappuram (Dt), Kerala





# MES PONNANI COLLEGE

(Govt. Aided Institution | Affiliated to the University of Calicut)  
NAAC Re-accredited (III Cycle) with A+ Grade (3.48 CGPA)  
Recognized under UGC 2(F) & 12(B) | Estd : 1966

## Department of English

2021-22

### CERTIFICATE COURSE IN ENGLISH FOR DAILY LIFE

Enroll now  
Registration link\*



Mode: Hybrid  
Duration: 30 Hours

Contact Us

Co-ordinator: Farisha V M  
[english@mesponnanicollege.ac.in](mailto:english@mesponnanicollege.ac.in)

Head of Department  
Department of English  
MES Ponnani College

*Ameen*

Principal  
MES Ponnani College  
Ponnani South - 679 586



FARISHA. V.M.  
Assistant Professor  
Department of English  
MES Ponnani College  
Ponnani

*Farisha*

## I Eligibility criteria

The students who have passed higher secondary or equivalent from a recognized board are eligible for the admission to this course. The learning mode of this course is offered to be full time one.

## II The scheme of examination

The course has duration of 40 hours with both theory and practical components. The evaluation scheme for each course shall have two parts (a) Internal evaluation and (b) external evaluation. 20% marks will be given to the internal evaluation and the remaining 80% to external evaluation; therefore the ratio and weight age between internal and external is 1: 4. Both internal and external evaluation will be carried out through direct grading system.

**Internal evaluation:** The internal evaluation is based on a predetermined transparent system involving periodic written tests, assignments, seminars and attendance. The marks assigned to various components for internal evaluation is as follows.

1	Component	mark
2	Assignment	4
3	Seminar	4
4	Attendance	4
5	Test paper	8

### External evaluation:

The external examination will be conducted by external experts. The external exams also include a practical session so as to test the students speaking and presentation skills. The evaluation of the answer scripts shall be done by examiners based on a well-defined scheme of valuation.



## Direct grading system

Direct Grading System based on a 5 - point scale is used to evaluate the performance (External and Internal Examination of students)

Letter grade	Performance	Grade point	Grade range
A	Excellent	4	3.50 to 4
B	Very good	3	2.50 to 3.49
C	Good	2	1.50 to 2.49
D	Average	1	0.50 to 1.49
E	Poor	0	0.00 to 0.49

The course is evaluated by assigning a letter grade (A, B, C, D or E) to that course by the method of direct grading. The internal (20 marks) and external (80 marks) components of the course are separately graded and then combined to get the grade of the course after taking into account their marks. An aggregate of C-grade (when external and internal put together) is required in the course for a pass.

*Ameen*

Principal

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Ponnani South - 679 586

*Farisha*

**FARISHA. V.M.**  
Assistant Professor  
Department of English  
MES Ponnani College  
Ponnani

*[Signature]*

Head of Department  
Department of English  
MES Ponnani College  
Ponnani





# MES PONNANI COLLEGE

## Department of English

### *English for Daily Life*

2021-2022

#### **Programme Outcome**

In this 21<sup>st</sup> century, our world has shrunk into a global village. The words of Ludwig Wittgenstein echo the necessity of competence in English in our modern world. To quote his words, "The limits of my language are the limits of my world."

The English Department of M E S College, Ponnani, caters to fulfil this burgeoning demand for English proficiency in a learner-centered approach.

Here is a chance to enhance your English language skills. This course is designed to develop your language skills for day to day transactions. This course will enable you to become expert users of English and thereby succeed in various spheres of daily life. The first four modules aim at developing your basic language skills namely, listening, speaking, reading and writing. You will explore English through authentic readings and video lectures.

#### **Syllabus and Structure**

##### **Module I: Basic Vocabulary and Phrases**

Usages and phrases Correspondence, Building Powerful Vocabulary, Learning Sentence Construction, Using Prepositions-Using Pronouns Properly- Sentence Structure Know-How-Writing Basics-Punctuation, Numbers and Time-Grammar usage in sentences - Commonly Used English Idioms and Phrases

##### **Module II: Listening Skills**

Strengthen your listening skills through popular music and movie clippings. It is time to sit back, listen, understand and enjoy. Active listening- Its benefits- What makes a good listener? -Listening for specific information-identifying details- Barriers to effective listening- Tips to become an active listener- Listening exercises.



### Module III: Speaking Skills

#### Everyday Communication

Common errors in communication and how to avoid them- How to speak fluently- Useful Phrases for Participating in Conversations through role play- Shopping, Meeting friends, Travelling, Visiting a doctor, At a party, Telephonic communication, Negotiation, At the movie Theatre, At an office, Meeting relatives etc. Interrupting- Giving Opinions- Asking for Opinions- Commenting on Opinions- Agreeing and disagreeing with other opinions- Advising and Suggesting- Clarifying and asking for clarification- asking for repetition- Correcting Information.

### Module IV: Reading Basics

Improve your reading skills through English literature. Read excerpts from Classics and Popular Fiction.

Introduction to Reading Basics- Skimming and Scanning- How to increase the pace of reading- Reading Comprehension- Components of Reading- Understanding Words- Vocabulary Building- How to infer meaning from context- Reading between and beyond the lines- Reading Exercises- Reading Difficulties.

### Module V: Essential Writing

Brush up your writing skills without stressing yourselves.

Writing For Clarity- Writing Effectively- Organizing Your Thoughts, Ideas-Methods of Presenting Ideas: Chronological, Logical and Spatial Order- Describing facts and figures - introducing topics and main ideas- developing an argument- How to write an essay- Creative Writing- Personal and Business Letters- The E-mail Message- The Memorandum- Meeting Agenda and Minutes- Résumé and Application for Jobs

*Ameen*

Principal

MES Ponnani College  
Ponnani South - 679 586



Name of Coordinator - Farisha V.

*Farisha V.*  
Assistant Professor  
Department of English  
MES Ponnani College  
Ponnani

*[Signature]*  
Head of Department  
Department of English  
MES Ponnani College  
Ponnani

**English for Daily Life**  
2021-22

No	Name of the Student	Department	Signature
1	Fathima Lamia	English	
2	Nandana T. K	English	
3	Shifa Jasmine M V	English	
4	Arshida K	Economics	
5	Nejla P	Economics	
6	Suhaila J	Economics	
7	Shima K P	Economics	
8	Nahla T	English	
9	Shayma V P	English	
10	Aiswarya P	English	
11	Ajmal Roshan. P.V.	Geology	
12	Mubashir. P.	Geology	
13	Anshida. V	Geology	
14	Arya. C.R.	Geology	
15	Hafsath Nasrin. C.	Geology	
16	Kavya Sivaraman	Geology	
17	Sahla. P.	Geology	
18.	Sithara	Chemistry	
19.	Sreenandana T P	Chemistry	
20	Wafa M P	Chemistry	
21	Abhirami C S	Chemistry	
22	Amrutha P	Chemistry	
23	Anjana M	Chemistry	
24	Arsaba	Chemistry	
25	Ipishia P V	Physics	
26	Meghna C	Physics	
27	Nandhana C P	Physics	
28	Nandhana Sunesh	Physics	
29	Rana Fathima	Physics	
30	Renjima C M	Physics	



*Ameera*  
Principal

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*Fathima*

**FARISHA. V.M.**  
Assistant Professor  
Department of English  
MES Ponnani College  
Ponnani

*[Signature]*  
Head of Department  
Department of English  
MES Ponnani College

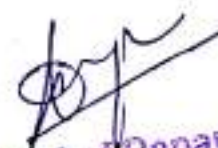
## SUMMARY REPORT

Department of English provided a certificate on *English for Daily Life* for the students in the academic year 21-22. There were 30 students from various undergraduate classes and certificates were issued for them. The course was conducted under the guidance of Ms. Farisha V.M., Assistant Professor, Department of English, who had been selected as the coordinator for the certificate programme. The course had a duration of 40 hours and is designed in such a way that students are provided with basic knowledge and communication skills in their academic performance. The programme focuses on the development of language skills of the student. The course helped the students to improve their talents and to bring it out without any stage fear. They acquired this quality by practising and presenting within themselves and their fellow beings. The course helped the students to deal with the language in a fluent way and thus created comfortable presentation skills in their academic performances. The students felt it to be easy to deal with the language barriers in their personal as well as professional space.



FARISHA.V.M

  
FARISHA. V.M.  
Assistant Professor  
Department of English  
MES Ponnani College  
Ponnani

  
Head of Department  
Department of English  
MES Ponnani College  
Ponnani

  
Principal  
MES Ponnani College  
Ponnani South - 679 586



# MES PONNANI COLLEGE

## DEPARTMENT OF BOTANY

Certificate course on

# Horticulture Techniques

Course duration

**30 hours**

*Anam*  
Principal

MES Ponnani College  
Ponnani South - 679 586

**Class starts on  
2nd March 2022**

*Jyothi*  
Dr. JYOTHI.P.V, M.Phil, Ph.D  
Associate Professor  
Dept. of Botany  
MES Ponnani College  
Ponnani South, Pin 679 586

**Eligibility:** candidate must have passed +2 (Any stream)

For more details: [botany@mesponnanicollege.ac.in](http://botany@mesponnanicollege.ac.in)

MES PONNANI COLLEGE  
DEPARTMENT OF BOTANY  
CERTIFICATE COURSE 2021-22  
HORTICULTURE TECHNIQUES

SYLLABUS

HORTICULTURE

UNIT - I (6Hrs)

Fundamentals of Horticulture: Definition, Branches, Importance and Scope. Classification of Horticultural Crops- fruits and vegetables. Gardening: Definition, Objectives and Scope - Different types of Gardening- Formal, Informal and Kitchen garden

UNIT - II 6Hrs

Plant propagation: Cutting, layering, Budding and Grafting. Selection and Significant of Stock and Scion. Role of plant growth regulator in Horticulture: Induction of Rooting, Flowering. Fruit setting, Fruit development.

UNIT - III 6Hrs

Soil bed preparation, Potting, Repotting, Weeding, Pruning. Lawn making: Types of lawn grasses, Maintenance of lawn. Hedge plant and its importance.

UNIT - IV 6Hrs

FLORICULTURE: Importance and Scope of Floriculture. Commercial Floriculture: Production and packaging of cut flowers; Flower arrangements; Methods to prolong vase life; Cultivation of Important Cut flowers (Chrysanthemum, Jasmine, Rose).

UNIT - V

Ornamental gardens: Flowering annuals; Herbaceous, perennials; Divine vines; Cacti and succulents; Palms. Ornamental garden: Green House, Water garden, Rockery, Bonsai techniques.

*Jyothi*

Dr. JYOTHI.P.V, M.Phil, Ph.D  
Associate Professor  
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*Anucon*

Principal  
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Ponnani South - 679 586

## EVALUATION SCHEME

The evaluation is based on the predetermined transparent system involving written tests, classroom participation based on attendance, assignment and seminars/viva

### **Components of Evaluation**

Sl No.	Components	Marks
1	Class room participation based on attendance	10
2.	Test Paper	50
3.	Assignment	10
4.	Viva	10
Total		80

### **Grading**

% of Total Mark	Grade
$\geq 90$	A+
80-89	A
70-79	B+
60-69	B
50-59	C+
40-49	C
30-39	D
$>30$	Failed

*Jyothi*

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Ponnani South - 679 586



**MES PONNANI COLLEGE**  
**DEPARTMENT OF BOTANY**  
**CERTIFICATE COURSE 2021-22: HORTICULTURE TECHNIQUES**  
**STUDENTS ENROLLED**

Sl No.	Name	Programme	Year of study	Sign
1.	FathimaHusna T	Bsc Zoology	2 <sup>nd</sup>	
2.	Fermisha N P	Bsc Zoology	2 <sup>nd</sup>	
3.	Gopika, NK	Bsc Zoology	2 <sup>nd</sup>	
4.	Afttheeshakp	Bsc Zoology	2 <sup>nd</sup>	
5.	Shani. P	Bsc Zoology	2 <sup>nd</sup>	
6.	Jyothika p m	Bsc Zoology	2 <sup>nd</sup>	
7.	Sumayya.e	Bsc Zoology	2 <sup>nd</sup>	
8.	Saranya, S	Bsc Zoology	2 <sup>nd</sup>	
9.	Aswathimanoj p	Bsc Zoology	2 <sup>nd</sup>	
10.	Fahmidhakv	Bsc Zoology	2 <sup>nd</sup>	
11.	Gurumithra, Tp	Bsc Zoology	2 <sup>nd</sup>	
12.	Sahlasulaiman, V	Bsc Zoology	2 <sup>nd</sup>	
13.	Fasna TK	Bsc Zoology	2 <sup>nd</sup>	
14.	AminaRifa M	Bsc Zoology	2 <sup>nd</sup>	
15.	Riya.T.R	Bsc Zoology	2 <sup>nd</sup>	
16.	Nasmakv	Bsc Zoology	3 <sup>rd</sup>	
17.	FathimaRabeeha AMK	Bsc Zoology	3 <sup>rd</sup>	
18.	Ayana, F	Bsc Zoology	3 <sup>rd</sup>	
19.	Gayathri.N	Bsc Zoology	3 <sup>rd</sup>	
20.	Henna shirin	Bsc Zoology	3 <sup>rd</sup>	
21.	FathimathSuhailaPv	Bsc Zoology	3 <sup>rd</sup>	
22.	Shana Sherin	Bsc Zoology	3 <sup>rd</sup>	
23.	SajlaSalih	Bsc Zoology	3 <sup>rd</sup>	
24.	Feminakt	Bsc Zoology	3 <sup>rd</sup>	
25.	Vishnu K V	Bsc Zoology	3 <sup>rd</sup>	
26.	P RashithaRazak	Bsc Zoology	3 <sup>rd</sup>	
27.	Krishnendhu.k	Bsc Botany	2 <sup>nd</sup>	
28.	Rinshitha v v	Bsc Botany	2 <sup>nd</sup>	
29.	Aliyathasnim	Bsc Botany	2 <sup>nd</sup>	
30.	Suhana P.M	Bsc Botany	2 <sup>nd</sup>	
31.	Shafitha.T.V	Bsc Botany	2 <sup>nd</sup>	
32.	FathimsShifmine, R	Bsc Botany	2 <sup>nd</sup>	



33.	Hajara TP	Bsc Botany	2 <sup>nd</sup>	H.H.
34.	Thasniya p	Bsc Botany	2 <sup>nd</sup>	Thasniya
35.	Drisy T	Bsc Botany	2 <sup>nd</sup>	Drisy
36.	Fathima. C	Bsc Botany	2 <sup>nd</sup>	Fathima
37.	Thesleena. P.k	Bsc Botany	2 <sup>nd</sup>	Thesleena
38.	Ayisha Theşni	Bsc Botany	3 <sup>rd</sup>	Ayisha
39.	Sandra M	Bsc Botany	3 <sup>rd</sup>	Sandra
40.	FasnaShukoor	Bsc Botany	3 <sup>rd</sup>	Fasna
41.	Sahala. M	Bsc Botany	3 <sup>rd</sup>	Sahala
42.	Nasarin K	Bsc Botany	3 <sup>rd</sup>	Nasarin
43.	Rahnamumthaz	Bsc Botany	3 <sup>rd</sup>	Rahnamumthaz
44.	Murshida.vk	Bsc Botany	3 <sup>rd</sup>	Murshida
45.	Amrutha .e	Bsc Botany	3 <sup>rd</sup>	Amrutha
46.	Thasreefa. N	Bsc Botany	3 <sup>rd</sup>	Thasreefa
47.	Shamila C	Bsc Botany	3 <sup>rd</sup>	Shamila
48.	Ayishanidha. K	Bsc Botany	3 <sup>rd</sup>	Ayishanidha
49.	Jasla. A	Bsc Botany	3 <sup>rd</sup>	Jasla
50.	Rajeena p/p	BSc Botany	3 <sup>rd</sup>	Rajeena
51	Fathima Nisreen.k	BSc. Botany	3 <sup>rd</sup>	Fathima

Course Co-ordinator

*Jyothi*  
Dr. JYOTHI.P.V. M.Phil, Ph.D  
Associate Professor  
Dept. of Botany  
MES Ponnani College  
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Principal  
MES Ponnani College  
Ponnani South - 679 586

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**MES PONNANI COLLEGE**  
**DEPARTMENT OF BOTANY**  
**CERTIFICATE COURSE 2021-22: HORTICULTURE TECHNIQUES**  
**STUDENTS ENROLLED**

Sl	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Sign	
1	FathimaHusna T	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/	
2	Fermisha N P	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/	a	/	/	a	a	/	/	/	/	/	/	/
3	Gopika. NK	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
4	Aftheeshakp	/	/	/	/	/	a	/	/	/	/	/	/	a	/	/	/	/	/	/	/	a	/	/	/	/	a	/	/	/	/	/	a
5	Shani. P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
6	Jyothika p m	/	/	/	/	/	a	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	Sumayya.c	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8	Saranya. S	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9	Aswathimanoj p	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	a	/	/	a	a	/	/	/	/	/	/
10	Fahmidhakv	/	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	Gurumithra. Tp	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	Sahlasulaiman. V	/	/	/	/	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/
13	Fasna TK	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14	AminaRifa M	/	a	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15	Riya.T.R	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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17	FathimaRabeeha AMK	/	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	Ayana. T	/	a	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19	Gayathri.N	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/







# MES PONNANI COLLEGE

Department of Botany

(Govt. Aided & Affiliated to University of Calicut)

Ponnani South P.O, Malappuram, Kerala, 679586  
Ph: 0494-266077 www.mesponnanicollege.org  
e-mail: botany@mesponnanicollege.ac.in

## CERTIFICATE COURSE 2021-22 HORTICULTURE TECHNIQUES

### SUMMARY REPORT

#### Summary

The Department of Botany has been conducted an online certificate course for the academic year 2021-2022 on 'Horticulture techniques'. The syllabus includes six modules covering basics of horticulture practices. Aim of the training program is to expertise students in horticultural techniques. Dr. Jyothi PV, Associate Professor and Head, Department of Botany was the coordinator. Demonstration classes were conducted for certain garden techniques like Budding, Grafting and Layering. Examinations were conducted and certificates were awarded to the students who concluded the course. Fifty one students were benefited with the programme

  
HOD

Dr. JYOTHI.P.V, M.Phil, Ph.D  
Associate Professor  
Dept. of Botany  
MES Ponnani College  
Ponnani South, P.O, 679 586



Principal  
MES Ponnani College  
Ponnani South - 679 586

  
Course Coordinator

Dr. JYOTHI.P.V, M.Phil, Ph.D  
Associate Professor  
Dept. of Botany  
MES Ponnani College  
Ponnani South, Pin 679 586





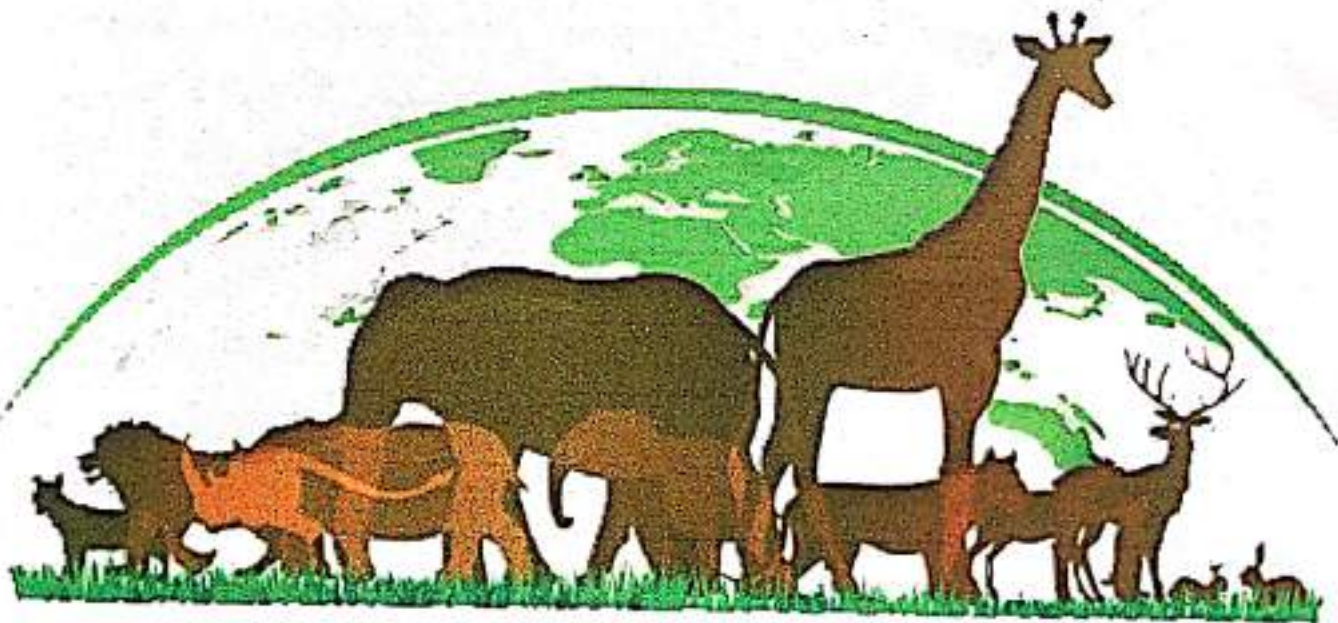
# MES PONNANI COLLEGE

Govt. Aided Institution | Affiliated to the University of Calicut | Estd.: 1968  
Recognized under UGC 2(f) & 12(B) | Re-accredited by NAAC with A+ Grade (CGPA 3.46)

## DEPARTMENT OF ZOOLOGY

### CERTIFICATE COURSE IN

# WILDLIFE BIOLOGY



COURSE DURATION	CLASS STARTS ON	MODE OF COURSE
<b>30 HOURS</b>	<b>2<sup>nd</sup> MARCH 2022</b>	 <b>Google Meet</b>

**Eligibility:** Candidate must have passed +2 (Any stream)

For more details

 [zoology.mes@gmail.com](mailto:zoology.mes@gmail.com)

  
Dr. K.M. Shereena, M.Phil., Ph.D.,  
Assistant Professor & Head  
Department of Zoology  
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## MES PONNANI COLLEGE

### DEPARTMENT OF ZOOLOGY

Regulations, Eligibility, Scheme and Syllabus for Certificate course in  
**Wild life biology**  
(2021-2022)

#### I Eligibility criteria

Those students who possess higher secondary school education are eligible for admission to this course.

#### II The scheme of examination

The course has duration of 3 months (30 hours) with both theory and practical components. The evaluation scheme for each course shall contain two parts (a) Internal evaluation and (b) **external evaluation by conducting examination at the end of the course**. 25% weightage shall be given to the internal evaluation and the remaining 75% to external evaluation; therefore the ratio and weight age between internal and external is 1: 3. Both internal and external evaluation shall be carried out using a direct grading system.

**Internal evaluation:** The internal evaluation shall be based on a predetermined transparent system involving periodic written tests, assignments, seminars and attendance. The weight age assigned to various components for internal evaluation is as follows.

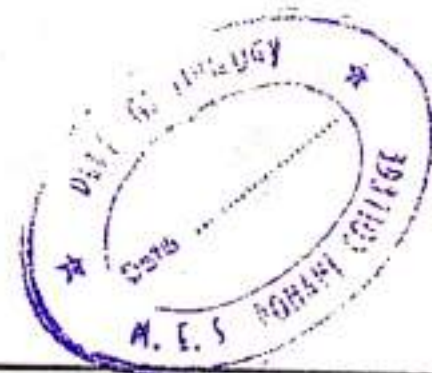
No	Component	Weightage
1	Assignment	1
2	Seminar	1
3	Attendance	1
4	Test paper	2

#### External evaluation:

The external Examination in courses is to be conducted with question papers set by external experts. The evaluation of the answer scripts shall be done by examiners based on a well-defined scheme of valuation.



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## Direct grading system

Direct Grading System based on a 5 - point scale is used to evaluate the performance (External and Internal Examination of students)

Letter grade	Performance	Grade point	Grade range
A	Excellent	4	3.50 to 4
B	Very good	3	2.50 to 3.49
C	Good	2	1.50 to 2.49
D	Average	1	0.50 to 1.49
E	Poor	0	0.00 to 0.49

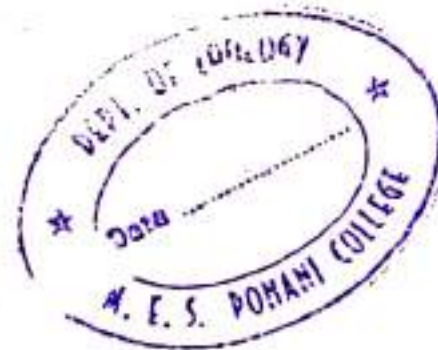
The course is evaluated by assigning a letter grade (A, B, C, D or E) to that course by the method of direct grading. The internal (weightage =1) and external weightage =3) components of the course are separately graded and then combined to get the grade of the course after taking into account their weightage. An aggregate of C-grade (when external and internal put together) is required in the course for a pass.

## III Co ordinator of the programme:

The programme is co ordinated by Dr. K.M Shereena , Head & Assistant Professor,  
Department of Zoology



Dr. K.M Shereena, M.Phil., Ph.D.,  
Assistant Professor & Head  
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## ZOCC01- WILD LIFE BIOLOGY

### Objectives

- Give an awareness about wildlife
- Understand the importance of wildlife
- Understand the biodiversity concept
- Arouse the interest in the wild life conservation

### Unit 1: Scope of Wildlife Biology

(5 hrs)

1.1 Concepts and Principles

1.2 Values of Wildlife - conservation values & ethics

### Unit 2: Wildlife Habitat

(10 hrs)

2.1 Forest types - classification

2.2(a) Deforestation - reasons for deforestation- shifting cultivation, illicit felling and Encroachment, grazing and lopping, forest fire, industrial development, mining, plant diseases, insect pest, human settlements.

(b) Forestation & Reforestation.

2.3 Grasslands, Mangroves and Sacred groves (Mention conservation and management)

2.4 In Situ and ex situ conservation (Gene banking, conservation and exchange)

2.5 Man and Wildlife conflict - crop depredation, cattle lifting, control and management.

### Unit 3: Wild Life diseases

(5 hrs)

3.1 Major diseases and their control

3.2 Domestic animals & wildlife diseases

3.3 Governmental role in control of Wildlife diseases

3.4 Sick animal refuges in protected areas

### Unit 4: Applications of Wildlife biology

(5 hrs)

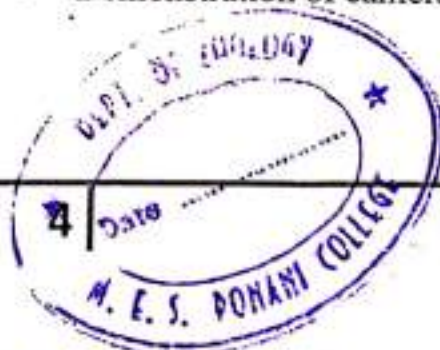
4.1 Human dimensions in Wildlife Management, Applied Population Biology

4.2 Wildlife Forensics and trade

4.3 Wildlife Health Management: Protected Areas.

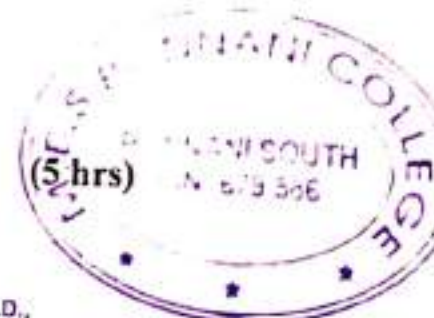
### PRACTICALS:

- Field visit
- Demonstration of camera trap



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## REFERENCES

1. Aaron, N.M (1973): Wildlife Ecology. W.H. Freeman Co. San Francisco, USA.
2. Dasman R.F (1964): Wildlife Biology, John Wiley and Sons, New York.
3. Hosetti, B.B (1997): Concepts in Wildlife Management, Daya Publishing House, Delhi.
4. Sharma, B.D (1999): Indian Wildlife Resources: Ecology and development. Daya Publishing House, Delhi.
5. Negi, S.S. Manual for Wildlife Management in India.

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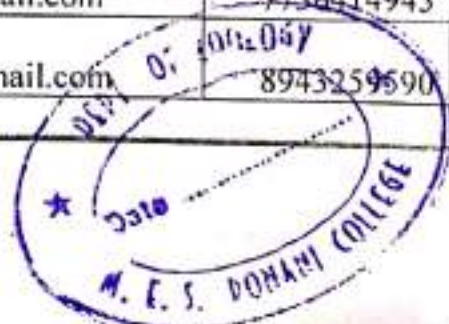
e-mail: commerce.mes@gmail.com

## MES PONNANI COLLEGE DEPARTMENT OF ZOOLOGY CERTIFICATE COURSE 2021-2022 WILDELIFE BIOLOGY

S.I No	Name of students	Department	Year of study	Email	Phone number	Signature
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4.	Ayana. T	Bsc Zoology	IInd year	ayanest99@gmail.com	7356948340	
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6.	Sajla Salih	Bsc zoology	IInd year	sajlasalihpni@gmail.com	8301004282	
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21	Hiba T. K	Bsc Zoology	IInd year	hibahisham9590@gmail.com	8943259590	

6

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25	Shamseena M	Bsc zoology	IIIrd Year	ashifshamsi9@gmail.com	7034187100	Shamseena
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29	sreejisha.T	Bsc zoology	Ist Year	sreejishat2@gmail.com	8086439259	Sreejisha
30	Jyothika p m	Zoology Department	Ist Year	jyothikapm5@gmail.com	8086790210	Jyothika
31	VABINA KP	Zoology	Ist Year	unnivabina040@gmail.com	9846973491	Vabina
32	Suhana .P.M	Botany	Ist Year	suhanapm786@gmail.com	9778792535	Suhana
33	Krishnendhu.k	Botany	Ist Year	krishnendhu6913@gmail.com	7012636913	Krishnendhu
34	Rinshitha v v	Botany	Ist Year	rinshitharinshi@gmail.com	8590615091	Rinshitha
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36	Fahmida. P	Zoology	Ist Year	fahmidaismail291@gmail.com	9633809546	Fahmida
37	Sumayya.c	Bsc zoology	Ist Year	abuharife@gmail.com	7736515827	Sumayya
38	Aftheesha kp	Zoology	Ist Year	aftheeshahameed@gmail.com	9037391122	Aftheesha
39	FASNA T K	Bsc zoology	Ist Year	fasnaf310@gmail.com	9745284956	Fasna
40	Thasniya p	Bsc botany	Ist Year	thesnithechu34@gmail.com	7592960672	Thasniya
41	LIYANA P P	Zoology	IIIrd Year	liyanapp16@gmail.com	9446735569	Liyana
42	Fahmidha kv	Zoology	Ist Year	kvfahmidha42@gmail.com	8157010951	Fahmidha
43	Shaniba kp	Zoology	Ist Year	shanibakp2001@gmail.com	8157012760	Shaniba
44	Saranya. S	Zoology	Ist Year	saranyasudheer003@gmail.com	9745765821	Saranya
45	Shani. P	Zoology	Ist Year	shanipullanikatt@gmail.com	9995594987	Shani
46	Liyana. P	Zoology	Ist Year	liyanakader60@gmail.com	9778152141	Liyana

*[Handwritten Signature]*

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M.E.S PONNANI COLLEGE

DEPARTMENT OF ZOOLOGY

CERTIFICATE COURSE 2021-2022 : WILDLIFE BIOLOGY

STUDENTS ENTROLLED

SL.No	Name Of Students	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Signature				
1.	Riya.T.R	/	/	/	a	/	/	/	/	a	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/		
2.	Thanveer p	/	/	/	/	/	/	/	/	a	/	/	/	/	a	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/		
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4.	Ayana. T	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/		
5.	JABIR	/	a	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/		
6.	Sajla Salih	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	a	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/		
7.	VISHNU K V	/	a	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/		
8.	P.V.Seniyya Saheer	/	/	/	/	/	a	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/		
9.	P Rashitha Razak	/	/	/	/	/	/	/	/	a	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/		
10.	Nandana E.H	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	a	/	/	/	/	/	/	/	/		
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12.	Anshida jasmi k. V	/	/	a	/	/	a	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
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15.	Nishana vv	/	/	a	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
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23.	Jasmin Parveen	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	
24.	SHAMNA. C	/	/	/	/	a	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	
25.	Shamseena M	/	/	/	/	/	/	/	a	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/



*[Handwritten signature]*

Dr. K.M Shereena, M.Phil., Ph.D.,  
Assistant Professor & Head  
Department of Zoology  
MES Ponnani College, Ponnani South (P.O)  
Malappuram (Dist). 679 586, India

Principal \*  
MES Ponnani College  
Ponnani South - 679 586  
Date .....







### Summary Report of Certificate Course for the Academic Year 2021-22

The Department of Zoology had conducted certificate course **Wildlife Biology** in the Academic year 2021-22. The course had been offered for U G students. Dr. K.M Shereena, Mr.Sidheek. K.T and Ms. Rinshi Balu.O.K , Department of Zoology were the Co-ordinators of the programme.. The course has duration of 30 hours with both theory and field work . The evaluation scheme for each course shall contain two parts (a) Internal evaluation and (b) external evaluation. Total 46 students has been enrolled and all the students are successfully completed the programme. Certificates are issued to the students who were successfully completed the course.

Dr. K.M Shereena, M.Phil., Ph.D.,  
Assistant Professor & Head  
Department of Zoology  
MES Ponnani College, Ponnani South (P.O)  
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 Principal  
MES Ponnani College  
Ponnani South - 679 586



**MES PONNANI COLLEGE**

**Department of Commerce and  
Management Studies**

(Govt. Aided & Affiliated to University of Calicut)

Ponnani South P.O, Malappuram, Kerala,  
679586  
Ph: 0494-266077 [www.mesponnanicollege.org](http://www.mesponnanicollege.org)

## Certificate Course in Digital Marketing (CCDM)

### Course Summary

Today, our online experience is so much more than just checking emails. From talking to friends and family to doing the weekly food shop, discovering new holiday destinations and researching things to do locally, the online world is very much a part of our daily lives. As the time we spend online increases, so do the digital opportunities available. The online experience is constantly evolving thanks to content creators, businesses and app developers who are able to find new and innovative ways to help us shop, learn, and connect.

The Certificate Course in Digital Marketing (CCDM) specially designed by Department of Commerce and Management Studies for B.B.A & B.Com students that are looking to harness the power of internet to get their first job in digital marketing. Attending a 30 hours digital marketing course including online lessons, quizzes and assignments so that it's easy for beginners and professionals to either pick up new skills or brush up on their existing knowledge. The Certificate Course in Digital Marketing (CCDM) provides the candidate with a simple way to navigate digital marketing concepts and gain the knowledge they need to feel confident, whether it's content marketing, online advertising, mobile marketing or selling products online.

Now Digital marketing professionals have a tremendous opportunity and companies hunt for proficient people to expand the business to the digital platform. The major point of attraction of this course is huge job opportunity, less technical and flexible time schedules will make candidates more relaxing and independent.

(Coordinator)  
Coordinator



HOD

Assistant Professor  
in charge of the Principal  
MES Ponnani College  
P.O. Ponnani South - 679 586



# CURRICULAM

## Certificate Course in Digital Marketing (CCDM)

### I Eligibility criteria

- Those who have completed the higher secondary education are eligible for admission to this course.

### II Course Duration:

- The course has duration of 30 hours. The classes are from 3.30 p.m to 5.30 p.m on regular working days and 9.30 a.m to 1.30 p.m on holidays in February and March 2022.

### III The scheme of examination

- The evaluation scheme for the course shall consist of internal and external components. Out of 100 marks 20% is through internal evaluation (10 marks for attendance and 10 marks for assignment). External evaluation is done through an examination for 80 marks held at the end of this course.

### IV Course Co-ordinator of the programme:

- The programme Coordinator was Dr.Asha K Moideen, Adhoc Assistant Professor, PG Department of Commerce and Management Studies.

### V Course Outcome

- To transform a Commerce and Management candidate into a digital market expert in domains like SEO, Social media, digital analysts, content and email marketing..

### VI Course Participants:

B.B.A and B.Com students

### VII Course Features:

- Live class
- Video tutorials
- Pdf
- PPT's
- Quizzes
- Unlimited access
- Certificate is provided for all participants who have successfully completed the course.

### VIII Mode of study:

Online

### VIII Platform used:

Google meet, Google classroom andWhats app

Google classroomlink:

<https://classroom.google.com/c/NDczMDU4MzUyODIy?cjc=qzex4vo>

Whatsapp link: <https://chat.whatsapp.com/JnbOzR3uR3B7Ym8Qk6IILJ>

  
Coordinator

  
HOD



  
Assistant Professor  
in charge of the Principal  
MES Ponnani College  
Ponnani South - 679 586

## IX Syllabus

### Certificate Course in Digital Marketing (CCDM)

Duration: 30 hours

Total Marks: 100

#### Objectives:

- To developing an overall understanding of digital marketing / online marketing platforms, mainly web analytics, social media tools, marketing through search engines, search engine optimisation, Social Media Marketing, Youtube Marketing, email marketing, content marketing etc.
- To equip the students on various digital marketing platforms.

#### Module: 1 - Introduction to Digital Marketing

Digital Marketing - Types of Digital Marketing for Businesses - Importance of digital marketing - Difference between traditional marketing and digital marketing - Digital Marketing Tools - Jobs in Digital Marketing.

#### Module: 2 - Planning and Creating a Website

Brand awareness and credibility - Six ways to establish online credibility - How to incorporate design and other elements into the website.

#### Module: 3 - Search Engine Optimisation (SEO) and Search Engine Marketing (SEM)

SEO - Role of SEO in digital marketing - Types of SEO - Difference between On-Page Optimization and Off-Page Optimization. Keywords for an SEO campaign.

SEM - Keywords for an SEM campaign - Google Ad words - Google Ad words Remarketing - Ad Creation - Keyword Targeting - CPC, CPA & CPM Based Accounts - Similarities of SEM and SEO - Differences between SEM and SEO.

#### Module: 4 - Social Media Marketing

Social Media Marketing - Importance of social media - Use of Different Social Media Platforms - Viral marketing.

Youtube Marketing (V-Blogging) - Starting a channel - Channel Strategy - Fundamentals of a successful YouTube channel.

Email Marketing - Importance of Email Marketing - Email Marketing Platforms- Ideal length of marketing emails - Essentials of perfect marketing email.


#### Module: 5 - Content Marketing

Content Creation - Content Marketing Tools - Blogging - Guest Blogging.

  
Coordinator



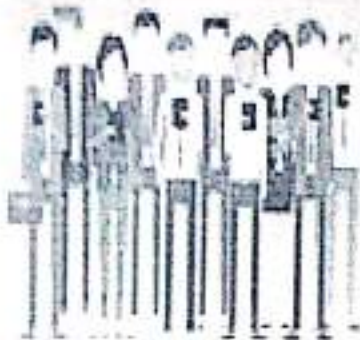


  
Assistant Professor  
In charge of the Principal  
MES Ponnani College  
P.O. Ponnani South - 679 588



M.E.S PONNANI COLLEGE  
DEPARTMENT OF COMMERCE AND MANAGEMENT STUDIES

# Certificate Course in Digital Marketing (CCDM)



COURSE PARTICIPANTS  
B.B.A and B.Com students

*Certificate will be provided for all participants who have successfully completed the course.*

Platform used: Google meet and Google classroom

**Course Duration:**

The course has duration of 30 hours.

Time: 4.30 p.m to 6.30 p.m (on regular working days) and 10.00 a.m to 1.00 p.m (on holidays) in February and March 2022.

**COURSE CO-ORDINATOR :**

Dr. Asha K Moidteen,  
Adhoc Assistant Professor,  
Department of Commerce and  
Management Studies.

*[Signature]*  
(Coordinator)

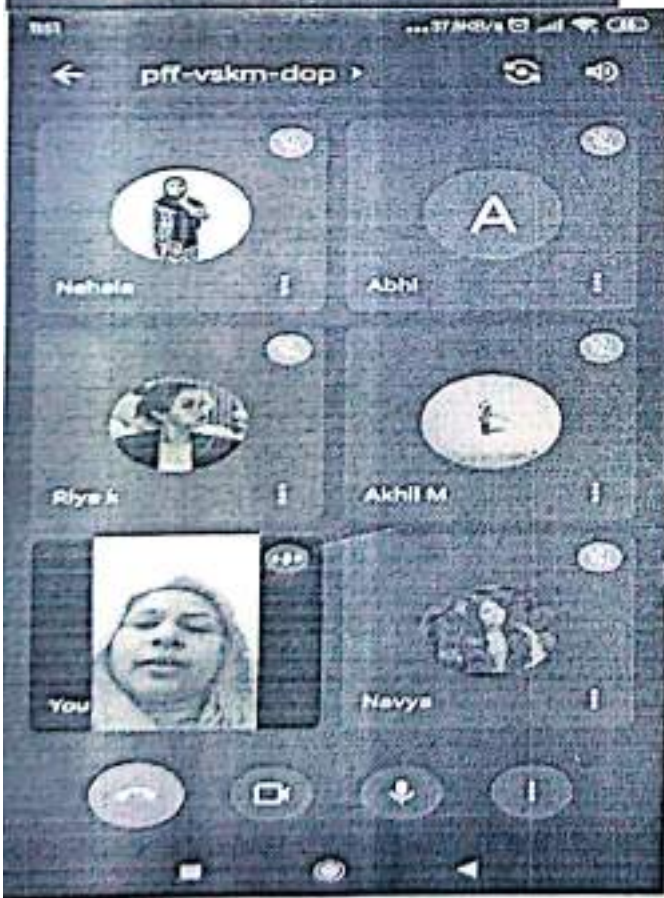
*[Signature]*  
HOD



*[Signature]*  
**Assistant Professor**  
in charge of the Principal  
MES Ponnani College  
P.O. Ponnani South - 679 586



- A Aysha AV
- A Aysha Janna
- b Isuresha pv
- D Dhina Aslin
- F Fathima Asliya



*[Signature]*  
Coordinator

*[Signature]*  
DTP



*[Signature]*

Assistant Professor  
in charge of the Principal  
MES Ponnani College  
P.O. Ponnani South - 679 536

Certificate Course in Digital Marketing was started on 19<sup>th</sup> February 2022 with the inaugural speech of Dr. SijiVerghese V. Total 120 students of BBA and B.Com were enrolled in this course and all of them were passed the examination with good grade. Dr. Asha K Moideen was the Coordinator and Resource person of this course. Total 30 hours were taken for completing this course (during the months of February and March 2022). The evaluation scheme for the course consists of internal and external components. Out of 100 marks 20% is through internal evaluation (10 marks for attendance and 10 marks for assignment). External evaluation is done through an examination for 80 marks held at the end of this course. The course was so useful enough to motivate the students and to direct their line of thought towards searching job opportunities in the digital marketing area.

  
Coordinator

  
HoD

  
Principal  
**Assistant Professor**  
in charge of the Principal  
MES Ponnani College  
P.O. Ponnani South - 679 586





# MESPONNANI COLLEGE, PONNANI

Students Enrolled in Certificate Course in Digital Marketing (B.Com) IV Semester B.Com 2021-22

University Reg. No.	Name of the student(s)	Signature
POATBCM001	ADHILA THASNI P	[Signature]
POATBCM002	HASNA C	[Signature]
POATBCM003	MUFEEDA NT	[Signature]
POATBCM004	MUHSINA SHIRIL MP	[Signature]
POATBCM005	MURSHIDA KC	[Signature]
POATBCM006	RINCY PV	[Signature]
POATBCM007	SAFEEDHA	[Signature]
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POATBCM009	SULAIKA	[Signature]
POATBCM0010	THASNI P	[Signature]
POATBCM0011	THASNY	[Signature]
POATBCM0012	MOHMOOD IHILAS	[Signature]
POATBCM0013	ADHILA FARZANA CV	[Signature]
POATBCM0014	FABNA KV	[Signature]
POATBCM0015	FATHIMA MUBEENA K	[Signature]
POATBCM0016	NAVYA KRISHNA KK	[Signature]
POATBCM0017	NIZWA	[Signature]
POATBCM0018	RAFSINA KC	[Signature]
POATBCM0019	RAHANA CH	[Signature]
POATBCM0020	SAHIBAN	[Signature]
POATBCM0021	SHAANA TK	[Signature]
POATBCM0022	SHAHANA P	[Signature]
POATBCM0023	SHIBILA SHERIN C	[Signature]
POATBCM0024	AFSANA NP	[Signature]
POATBCM0025	AISHWARYA P	[Signature]
POATBCM0026	ANEESHA PP	[Signature]
POATBCM0027	ANSIRA P	[Signature]
POATBCM0028	ANUPAMA P	[Signature]
POATBCM0029	ANUSHA P	[Signature]
POATBCM0030	ASWANI PV	[Signature]
POATBCM0031	AYISHA HALNA NAVAS	[Signature]
POATBCM0032	DHIYA NV	[Signature]
POATBCM0033	EHSAN BASHEER MOHAMED BASHEER	[Signature]
POATBCM0034	FAHIMA	[Signature]
POATBCM0035	FARSSENA NASREEN V	[Signature]
POATBCM0036	GEETHIKA P	[Signature]
POATBCM0037	NAVYA OC	[Signature]
POATBCM0038	RANJU TN	[Signature]
POATBCM0039	RINCY EP	[Signature]
POATBCM0040	SAFANA KA	[Signature]

POATBCM0041	SANA A	Sana
POATBCM0042	SANA E K	Sana
POATBCM0043	SANDRA K	Sandra
POATBCM0044	SHAHANA V	Shahana
POATBCM0045	SHAJILA N P	Shajila
POATBCM0046	SHAMEERA HAMZA MOYAN M	Shameera
POATBCM0047	SNEHA V T	Sneha
POATBCM0048	SREELAKSHMI K S	Sreelakshmi
POATBCM0049	SREELAKSHMI P V	Sreelakshmi
POATBCM0050	SUMAYYA K	Sumayya
POATBCM0051	ABHIRAM P V	Abhiram
POATBCM0052	ARUN K P	Arun
POATBCM0053	DIHLBAR P A	Dihlbar
POATBCM0054	FASIL K V	Fasil
POATBCM0055	GEO SEBASTIAN	GEO
POATBCM0056	MOHAMMED HASHIQ M	Mohammed
POATBCM0057	MOHAMMED MURSHID F	Murshid
POATBCM0058	MOHAMMED SHAMIR M V	Shamir
POATBCM0059	MUHAMMED SUHAIB	Suhaib
POATBCM0060	N A MOHAMMED NASFAN	Nasfan
POATBCM0061	NAVEEN BENNY A	Naveen
POATBCM0063	ROSHAN K DINESH	Roshan
POATBCM0064	SHAHID K V	Shahid
POATBCM0065	SOORYAJITH P P	Sooryajith

*Shk*

Signature of the HoD

(Coordinator)



Signature of the Principal

*Ameera*

Assistant Professor  
in charge of the Principal  
MES Ponnani College  
P.O. Ponnani South - 679 586



MESPONNANI COLLEGE, PONNANI  
Attendance Sheet of Certificate Course in Digital Marketing  
(B.Com) 2021-22

University Reg. No.	Name	Signature
POATBCM001	ADHILA THASNI P	[Signature]
POATBCM002	HASNA C	[Signature]
POATBCM003	MUFEEDA NT	[Signature]
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POATBCM0026	ANEESHA PP	[Signature]
POATBCM0027	ANSIRA P	[Signature]
POATBCM0028	ANUPAMA P	[Signature]
POATBCM0029	ANUSHA P	[Signature]
POATBCM0030	ASWANI PV	[Signature]





## Attendance Sheet of Certificate Course in Digital Marketing (B.Com) 2021-22

University Reg. No.	Name	Signature
POATBCM001	ADHILA THASNI P	[Signature]
POATBCM002	HASNA C	[Signature]
POATBCM003	MUFEEEDA NT	[Signature]
POATBCM004	MUHSINA SHIRIL MP	[Signature]
POATBCM005	MURSHIDA KC	[Signature]
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POATBCM0031	AYISHA HALNA NAVAS	[Signature]
POATBCM0032	DHIYA NV	[Signature]
POATBCM0033	EHSAN BASHEER	[Signature]



**Students Enrolled in Certificate Course in Digital Marketing**  
**(BBA) 2021-22**

University Reg. No.	Name	Signature
POATBBAR01	ASNA K A	Asna
POATBBAR02	ASNA SHERIN P P	shs
POATBBAR03	AYSHA A V	Aysha
POATBBAR04	AYSHA JANNA	Aysha
POATBBAR05	BANEESHA P V	Baneesha
POATBBAR06	BASIMA M E	Basima
POATBBAR07	DHANA T K	Dhana
POATBBAR08	FATHIMA NASRINA	Fathima
POATBBAR09	P V SENIYYA SAHEER	Seniyya
POATBBAR10	RIFANA RISIN V	Rifana
POATBBAR11	SHEBIN BANU A S	Shebin
POATBBAR12	APARNA CHANDRAKANT BHOSALE	Aparna
POATBBAR13	FILZA NITHA A K	Filza
POATBBAR14	RAMEESA NASREEN	Rameesa
POATBBAR15	RIYA K	Riya
POATBBAR16	SUHAILA K	Suhaila
POATBBAR17	ADHIMA BABU M	Adhima
POATBBAR18	AFIT C	Afit
POATBBAR19	ARSHINA T	Arshina
POATBBAR20	ARYA K P	Arya
POATBBAR21	AYISHATHU SHAMREEN P	Ayishathu
POATBBAR22	DHANYA P	Dhanya
POATBBAR23	DHILNA ASLIN	Dhilna
POATBBAR24	FATHIMA ASILIYA	Fathima
POATBBAR25	FAZNA E	Fazna
POATBBAR26	GOPIKA C G	Gojika
POATBBAR27	HANNA THASNEEM N A	Hanna
POATBBAR28	JASEENA K	Jaseena
POATBBAR29	JUMANA RINSI A	Jumana
POATBBAR30	MURSHIDHA V V	Murshidha
POATBBAR31	N AMAL RASHEED	Namal
POATBBAR32	NEHALA SHARIN O	Nehala

POATBBAR33	RAFNA K V	
POATBBAR34	RUSHDA V A	
POATBBAR35	SAHSINA NOURI U	
POATBBAR36	SALMA R V	
POATBBAR37	SHABNA P P	
POATBBAR38	SHAMLA SHAREEN T	
POATBBAR39	SINAN	
POATBBAR40	SNEHA C S	
POATBBAR41	SREEDEVI K M	
POATBBAR42	THESNEEM P	
POATBBAR43	AKHIL M SURESH	
POATBBAR44	AMEER M P	
POATBBAR45	ANAS M T	
POATBBAR46	ARJUN V V	
POATBBAR47	IRSHAD MON C	
POATBBAR48	MANSOOR K M	
POATBBAR49	MOHAMMED FAZAL	
POATBBAR50	MUHAMED RIYAS T	
POATBBAR51	MUHAMMED SHAKIR ZADHAH P P	
POATBBAR52	NIVED C	
POATBBAR53	SAJEESH KRISHNAN M P	
POATBBAR54	SOBIN K P	
POATBBAR55	SREENATH P P R	
POATBBAR56	SUJIN C P	

Dr. Asha K Moideen  
(Coordinator)

Coordinator  
Internal Quality Assurance Cell  
MES Ponnani College  
Ponnani South - 679 586



Assistant Professor  
in charge of the Principal  
MES Ponnani College  
P.O. Ponnani South - 679 566



POATBBAR32	NEHALA SHARIN O	Nehal
POATBBAR33	RAFNA K V	Rafna
POATBBAR34	RUSHDA V A	Rushda
POATBBAR35	SAHSINA NOURI U	Sahsina
POATBBAR36	SALMA R V	Salma
POATBBAR37	SHABNA P P	Shabna
POATBBAR38	SILAMILA SHAREEN T	Silamila
POATBBAR39	SINAN	Sinan
POATBBAR40	SNEHA C S	Sneha
POATBBAR41	SREEDEVI K M	Sreedevi
POATBBAR42	THESNEEM P	Thesneem
POATBBAR43	AKHIL M SURESH	Akhil
POATBBAR44	AMEER M P	Ameer
POATBBAR45	ANAS M T	Anas
POATBBAR46	ARJUN V V	Arjun
POATBBAR47	IRSHAD MON C	Irshad
POATBBAR48	MANSOOR K M	Mansoor
POATBBAR49	MOHAMMED FAZAL	Mohammed
POATBBAR50	MUHAMED RIYAS T	Muhamed
POATBBAR51	MUHAMMED SHAKIR ZADIAH P P	Muhammed
POATBBAR52	NIVED C	Niveda
POATBBAR53	SAJEESH KRISHNAN M P	Sajeesh
POATBBAR54	SOBIN K P	Sobin
POATBBAR55	SREENATH P P R	Sreenath
POATBBAR56	SUJIN C P	Sujin

*[Signature]*  
Coordinator



*[Signature]*  
Assistant Professor  
in charge of the Principal  
MES Ponnani College  
P.O. Ponnani South - 679 586

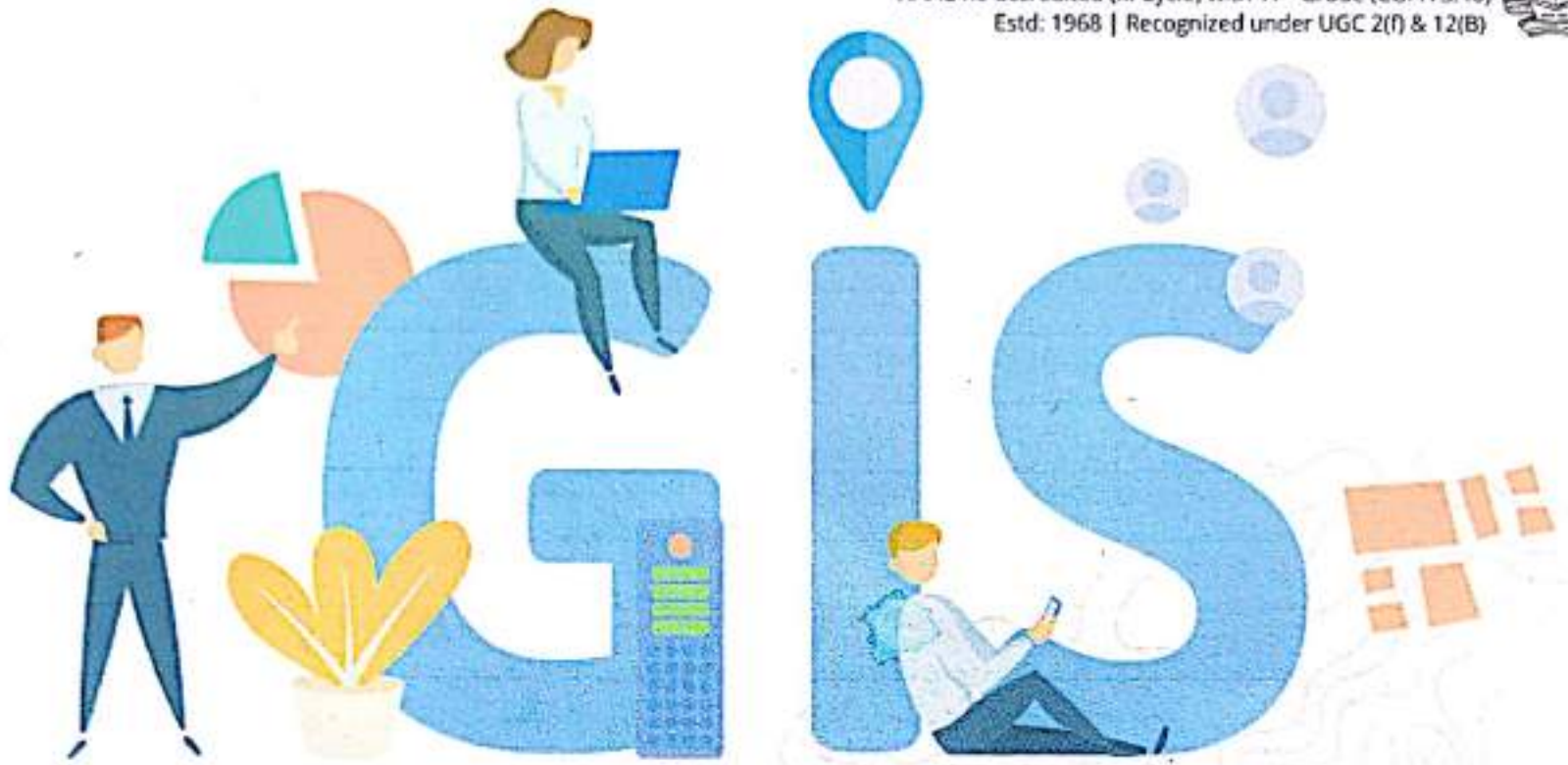
University Reg. No.	Name	Signature
POATBBAR01	ASNA K A	Asna
POATBBAR02	ASNA SHERIN P P	Sh
POATBBAR03	AYSHA A V	Ay
POATBBAR04	AYSHA JANNA	Ay
POATBBAR05	BANEESHA P V	Ban
POATBBAR06	BASIMA M E	Bas
POATBBAR07	DHANA T K	Dh
POATBBAR08	FATHIMA NASRINA	Fath
POATBBAR09	P V SENIYYA SAHEER	Sen
POATBBAR10	RIFANA RISIN V	Rif
POATBBAR11	SHEBIN BANU A S	She
POATBBAR12	APARNA CHANDRAKANT BHOSALE	Apar
POATBBAR13	FILZA NITHA A K	Fil
POATBBAR14	RAMEESA NASREEN	Rame
POATBBAR15	RIYA K	Ri
POATBBAR16	SUHAILA K	Suh
POATBBAR17	ADHIMA BABU M	Adh
POATBBAR18	AFI T C	Afi
POATBBAR19	ARSHINA T	Ar
POATBBAR20	ARYA K P	Ary
POATBBAR21	AYISHATHU SHAMREEN P	Ay
POATBBAR22	DHANYA P	Dh
POATBBAR23	DHILNA ASLIN	Dhil
POATBBAR24	FATHIMA ASILIYA	Fath
POATBBAR25	FAZNA E	Faz
POATBBAR26	GOPIKA C G	Gopi
POATBBAR27	HANNA THASNEEM N A	Hann
POATBBAR28	JASEENA K	Jase
POATBBAR29	JUMANA RINSI A	Jum
POATBBAR30	MURSHIDHA V V	Mur
POATBBAR31	N AMAL RASHEED	Nam





**MES PONNANI COLLEGE**

Govt. Aided Institution | Affiliated to the University of Calicut  
NAAC Re-accredited (III Cycle) with 'A+' Grade (CGPA 3.46)  
Estd: 1968 | Recognized under UGC 2(f) & 12(B)



**DEPARTMENT OF PG STUDIES AND RESEARCH IN GEOLOGY**

**2021-2022**

**CERTIFICATE COURSE IN  
GEOGRAPHIC  
INFORMATION  
SYSTEM GIS**

Course Co-ordinator

**Dr. V.K. BRIJESH**

Assistant Professor & Head,  
Department of Geology



*Ameen*  
Principal

*[Signature]*  
Dr. V.K. Brijesh Ph.D.  
Assistant Professor  
Department of PG studies & Research in Geology  
MES Ponnani College, Ponnani P.O.,  
Malappuram (Dist)-679 586, India

**MES PONNANI COLLEGE**  
**Department of PG Studies and Research in Geology**  
**Regulations, Eligibility, Scheme and Syllabus For**

**Certificate course in: Geographic Information System GIS**

**I Eligibility criteria**

Those students who possess any degree course are eligible for admission to this course.

**II The scheme of examination**

The course has a duration of 30 hours with both theory and practical components. The evaluation scheme for each course shall contain two parts (a) Internal evaluation and (b) **external evaluation by conducting examination at the end of the course**. 25% weightage shall be given to the internal evaluation and the remaining 75% to external evaluation; therefore the ratio and weight age between internal and external is 1: 3. Both internal and external evaluation shall be carried out using a direct grading system.

**Internal evaluation:** The internal evaluation shall be based on a predetermined transparent system involving periodic written tests, assignments, seminars and attendance. The weight age assigned to various components for internal evaluation is as follows.

1	Component	weightage
2	Assignment	1
3	Seminar	1
4	Attendance	1
5	Test paper	2

**External evaluation:**

The external Examination in courses is to be conducted with question papers set by external experts. The evaluation of the answer scripts shall be done by examiners based on a well-defined scheme of valuation.


**Direct grading system**

Direct Grading System based on a 5 - point scale is used to evaluate the performance (External and Internal Examination of students)

Letter grade	Performance	Grade point	Grade range
A	Excellent	4	3.50 to 4
B	Very good	3	2.50 to 3.49
C	Good	2	1.50 to 2.49
D	Average	1	0.50 to 1.49
E	poor	0	0.00 to 0.49

  
**Principal**  
MES Ponnani College  
Ponnani South - 679 586



  
**D. V. K. Brijesh Ph. D.**  
Assistant Professor  
Department of PG studies & Research in Geology  
MES Ponnani College, Ponnani P.O.,  
Malappuram (Dist)-679 586, India

The course is evaluated by assigning a letter grade (A, B, C, D or E) to that course by the method of direct grading. The internal (weightage =1) and external weightage =3) components of the course are separately graded and then combined to get the grade of the course after taking into account their weightage. An aggregate of C-grade (when external and internal put together) is required in the course for a pass.

### GEO 005 Geographic Information System GIS

Unit 1: Introduction Basic concepts: Definition and history. Components of GIS, Data structure and formats. Spatial data models - Raster and Vector. Data base design - editing and topology creation in GIS, Linkage between spatial and non spatial data. Data inputting in GIS  
10hrs

Unit 2: Data Exploration & Data Integration. Interactive Data Exploration, Vector Data Query, Attribute Data Query. Logical Expressions, Types of Operations. Relational Database Query: Use of SQL, Descriptive Statistics of Attribute Data. Spatial Data Query, Raster Data Query, Query by Cell Value, Query using Graphical Methods, Charts. Geographic Visualization, Data Classification, Spatial Aggregation, Map Comparison. Problem Identification & Designing a Data Model  
12hrs

Unit 3: Applications Of GIS . Application of GIS Techniques in Various Fields, Web GIS  
8hrs

### REFERENCE

1. Burrough, Peter A. and Rachael McDonnell,(1998), ' Principles of Geographical Information Systems' Oxford University Press, New York.
2. C.P.L and Albert K.W.Yeung (2006) "Concepts and Techniques of Geographic Information Systems" Prentice Hall of India,New Delhi.
3. Demers, Michael N. 2000. Fundamentals of Geographic Information Systems. John Wiley, Singapore.
4. ESRI 1993. Understanding GIS. Redlands, USA





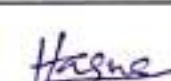
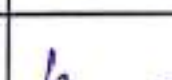
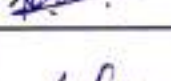
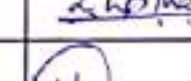
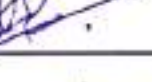
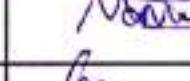
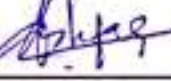

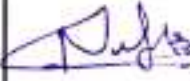

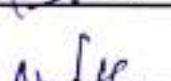
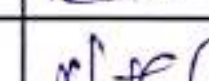
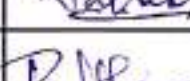

*Amen*  
Principal  
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Ponnani South - 679 586

Dr. V.K. Brijeshi Ph.D.  
Assistant Professor  
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# MES PONNANI COLLEGE

Department of PG Studies and Research in Geology  
Certificate course in: Geographic Information System GIS  
2021-2022

Enrolment List of Students with Signature





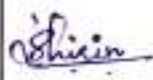

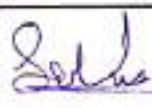
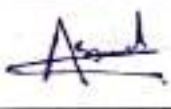
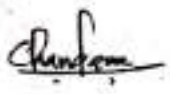
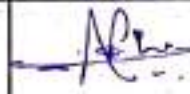
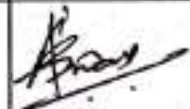

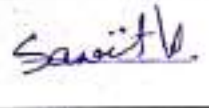
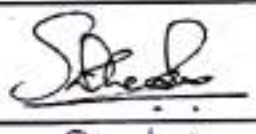

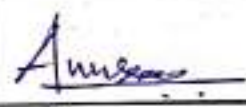
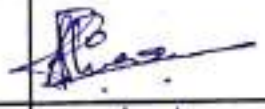
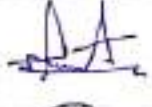
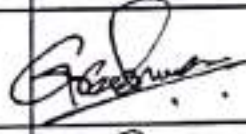

Sl. No.	Name	Enrolment Number	Signature
1	ABDUL HASEEB	POAUMAG001	
2	ANUSREE K K	POAUMAG003	
3	HASNA P K	POAUMAG004	
4	KIRAN DAVIS	POAUMAG005	
5	LUBINA	POAUMAG006	
6	MARIYAM BEEGAM	POAUMAG007	
7	MARIYAM SHAHANAYI . K	POAUMAG008	
8	MOHAMMED ASHFAQ C V	POAUMAG009	
9	MOHAMMED SABITH E K	POAUMAG010	
10	MUFSINA K	POAUMAG011	
11	MUHAMMED SWALIH V	POAUMAG012	
12	NANDITHA RAVEENDRAN	POAUMAG013	
13	NATHASHA C	POAUMAG014	
14	RIYA FATHIMA	POAUMAG015	
15	SHAHEEN N	POAUMAG017	
16	SREEKAVYA T A	POAUMAG019	

Principal  
MES Ponnani College  
Ponnani South, 679 556













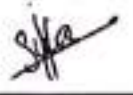


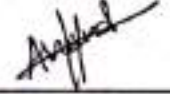
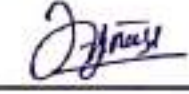




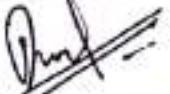

Dr. V.K. Brijesh Ph.D.  
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Kerala - 679 556

17	VARSHA RADHAKRISHNAN	POAUMAG020	
18	FAIROOZA A	POATSGL001	
19	FIDHA	POATSGL002	
20	HAFLAHA NOORA	POATSGL003	
21	SHIRIN SULTHANA	POATSGL004	
22	MUBARAK ALI M	POATSGL005	
23	SADIQ UVAIS	POATSGL006	
24	ASWINI K P	POATSGL007	
25	CHANDANA M V	POATSGL008	
26	AFHAM K	POATSGL009	
27	ASWAN P K	POATSGL010	
28	MOHAMMED ADNAN	POATSGL011	
29	SARATH PRABHAKARAN P P	POATSGL012	
30	SATHEESH LAL K A	POATSGL013	
31	SHARATH P V	POATSGL014	
32	ANUSREE P S	POATSGL015	
33	ATHIRA DINESH	POATSGL016	
34	FARSANA JASMIN	POATSGL017	
35	GREESHMA V P	POATSGL018	
36	JISLY SHAREEFA M I	POATSGL019	

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V.K. Brijesh Ph.D.  
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Malappuram District, Kerala (Dist)-679 586, India

37	MUMTHAS T	POATSGL020	
38	P KRISHNENDU	POATSGL021	
39	RAEESA C	POATSGL022	
40	SAFNA A P	POATSGL023	
41	SANDRA RAJAN	POATSGL024	
42	SARANYA T V	POATSGL025	
43	SHIFANA C P	POATSGL026	
44	SONA K P	POATSGL027	
45	SWATHY MOHANAN K	POATSGL028	
46	ABDULLA UBAID	POATSGL029	
47	AJMAL T	POATSGL030	
48	ANAND S PRATHAP	POATSGL031	
49	MOHAMMED AJNAS A T	POATSGL032	
50	MOHAMMED SUHAIL N V	POATSGL033	
51	MUHAMMED AJMAL M	POATSGL034	
52	MUHAMMED NIHAL P	POATSGL035	
53	SHALIN K HARI	POATSGL036	
54	SREERAM V NAIR	POATSGL037	
55	VISHNU K P	POATSGL038	

*Aneem*  
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PG DEPARTMENT OF ECONOMICS

2021-2022

CERTIFICATE COURSE IN

# ENVIRONMENTAL ECONOMICS

Course Co-ordinator  
**ASHA NEENDUR**  
Assistant Professor,  
Department of Economics

Principal  
MES Ponnani College  
Ponnani South - 679 586

**BUSHARA.M.V**  
Assistant Professor and Head  
B.E. Department of Economics  
MES Ponnani College  
P.O. Ponnani South, Pin:679580





## CERTIFICATE COURSES OFFERED BY DEPARTMENT OF ECONOMICS-2021-22

### Year -1 Certificate course in Environmental Economics

course	title	external	internal	Total marks
Certificate course	Certificate course in Environmental Economics	75	25	100

Percentage distribution of internal marks

components	marks
Attendance	25%
Assignment	25%
Test paper	25%

Percentage distribution of Marks for Attendance

Attendance	Marks
Above 90 %	100%
85-89%	80%
80-84%	60%
76-79%	40%
75 %	20%

External examination: question pattern

The questions of external evaluation should aim at assessment of knowledge, standard application of knowledge and application of knowledge in new situations. Question paper should be a judicious mix of objective type, short answer type, short essay type and long essay type questions. Different types of questions shall be given different weights to quantify their range. The question setter shall submit a detailed scheme of evaluation along with the question paper.



*[Signature]*

*[Signature]*  
Principal  
MES Ponnani College  
Ponnani South - 679 588

*[Signature]*

BUSHARA.M.V

Assistant Professor and Head  
Department of Economics  
MES Ponnani College  
P.O.Ponnani South, Pin:679580

MES PONNANI COLLEGE  
PG Department of Economics  
Certificate course in  
**Environmental Economics**  
For the academic year 2021-22  
Report

**Course coordinator**

Asha Neendur

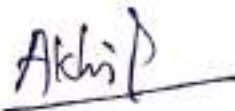
Associate Professor

P.G Department of Economics

**Organized by**

P.G Department of Economics

The Department selected 65 students from our own department, from the 70 applications we received. The course duration was one year and the syllabus consisting of 3 modules of 30 hours. The aim is to offer the opportunity to develop their skills along with their Degree courses, and to develop the entrepreneurial skills of the students, and make them to earn a supplementary income. Department started value added courses to enhance the additional skills of students as well as to develop attitude about other dimensions of Economics. In the year 2014-2015 department offered Environment Economics. Asha Neendur, Associate Professor was the course coordinator during the period. The evaluation system was consisting both external and internal. We conducted an examination and all students received certificate as per the designed curriculum.



**BUSHARA M**  
Assistant Professor and  
P.G. Department of Economics  
MES Ponnani College  
P.O.Ponnani South, Pin:679580



**Principal**  
MES Ponnani College  
Ponnani South - 679 586

Question pattern for External evaluation.

Type of question	Questions to be given	Questions to be answered	Marks for each question	Total marks
Objective type	10	10	1/2	5
Very short answer	12	10	2	20
Short essay	8	6	5	30
Essay	4	2	10	20
total	34	28		75

### Syllabus

#### Certificate course in environmental Economics

##### Objectives:

Drawing concepts from several different fields, our Certificate in Environmental Studies will provide you with a broad knowledge of key environmental principles in the interests of dealing with environmental issues.

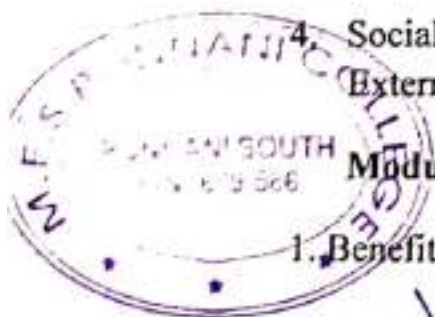
##### Syllabus

###### Module 1-----10 hour

1. Basic concepts of Environmental Economics
2. Property right in Environment
3. Pollution and Industry Effects On The Environment
4. Social efficiency-Economic efficiency s-Sustainability –Environmental accounts-Externalities

###### Module 2-----10 hour

1. Benefits of pollution control to agriculture.



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**BUSHARA.M.V**  
 Assistant Professor and Head  
 P.G. Department of Economic  
 MES Ponnani College  
 P.O.Ponnani South, Pin:679566

*[Handwritten signature]*  
**Principal**  
 MES Ponnani College  
 Ponnani South - 679 566

**Performa for the application form**

Name----

Sex--

Name of the guardian

Address—

Mob-

Age and date of birth

Academic qualifications—

Signature of the applicant—

Signature of the HOD ---



**BUSHARA.M.V**

Assistant Professor and Head  
P.G. Department of Economics  
MES Ponnani College  
P.O.Ponnani South, Pin:679580



**Principal**

MES Ponnani College  
Ponnani South - 679 586



2. Ecological benefits of pollution control

3. Four categories of non-market benefits-health benefits of pollution

control-Recreation benefits of pollution control Ecological benefits of pollution control

4. Review of empirical work in environmental Economics

**Module 3-----10 hour**

1.Development and sustainability.

2.Eco friendly technology and development

3.Value of sustainable path

4.Case studies of sustainable development

**Reference**

1.Joseph J Seneca and M.K Taussig: Environmental Economics

2.P.Abelson :Cost Benefit analysis and environmental problems

3.P.Nikamp:theory and application of environmental Economics

4.Charles D Kolstad (20030 :Environmental Economics\_OUP



**BUSHARA.M.V**

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EMail: economic.mes@gmail.com | economics@mesponnanicollege.ac.in

Sl.No	Admission No	Name of Student
1	8198	ABHIRAMI K V
2	8206	BENAZIR RIZWANA
3	8195	DRISYA P
4	8361	FASEELA BEEVI C
5	8197	GREESHMA V P
6	8323	HANOOPA T M
7	8207	INDIRA MANIKANDAN
8	8326	JUMAILA P P
9	8190	KAVYA T
10	8203	KRISHNENDU P
11	8486	MUHAMMED SAHIL.V
12	8201	NAMITHA M U
13	8493	NIMISHA M P
14	8196	PRAVEENA P P
15	8325	RAMSEENA C
16	8479	RANCY C
17	8327	RASHIDA M V
18	8324	SAFVANA P
19	8335	SAJNA T K
20	8200	SARANYA C P

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*Ambili S*

*Anem*  
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21	8202	SEHEELA M V
22	8209	SHAFANA SHERIN V P
23	8210	SHAJIMNA SHERIN V T
24	8420	SHAMEEM ALI P
25	8211	SHANA SHERIN M V
26	8488	SILPA CHANDRAN
27	8490	THEERTHA N P
28	8341	UMMUJUMAILA P P
29	8505	VARSHA P
30	8328	VYSHNA M

*Shajimna*  
*Shafana*  
*Shajimna*  
*Shameem*  
*Shana*  
*Silpa*  
*Theertha*  
*Ummujumaila*  
*Varsha*  
*Vyshna*

*Ambili S*

*Ameen*

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5	8197	GREESHMA V P
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14	8196	PRAVEENA P P
15	8325	RAMSEENA C
16	8479	RANCY C
17	8327	RASHIDA M V
18	8324	SAFVANA P
19	8335	SAJNA T K
20	8200	SARANYA C P
21	8202	SEHEELA M V
22	8209	SHAFANA SHERIN V P
23	8210	SHAJIMNA SHERIN V T
24	8420	SHAMEEM ALI P
25	8211	SHANA SHERIN M V
26	8488	SILPA CHANDRAN
27	8490	THEERTHA N P
28	8341	UMMUJUMAILA P P
29	8505	VARSHA P
30	8328	VYSHNA M

*Handwritten notes and signatures on the right side of the table:*  
Faseela  
Greeshma  
HAN  
Indira  
Jumaila  
Kavya  
Krishna  
Munir  
Namitha  
Nimisha  
Praveena  
Ram  
Rancy  
Rashida  
Safvana  
Sajna  
Saranya  
Seheela  
Sham  
Shameem  
Shana  
Silpa  
Theertha  
Ummujumaila  
Varsha  
Vyshna

*Ambili S.*

*Aneem*

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Email: economic.mes@gmail.com | economics@mesponnanicollege.ac.in

21EC59	8673	SYAMILI K
21EC60	8998	VISMAYA P
21EC61	8785	FIDAL M R
21EC62	9032	AJMAL PP
21EC63	9012	ANAS K M
21EC64	8910	MOHAMMED NIHAL C P
21EC65	8939	MOHAMMED SALMAN M V
21EC66	9200	MUHAMMED SUHAIL
21EC67	8577	RAHUL SURESH
21EC68	8903	SALAHUDHEEN N V
21EC69	8624	VISHNU K
21EC70	9111	VISHNU K R

*Syami*  
*Vismaya*  
*Fidal*  
*Ajmal*  
*Anas*  
*Nihal*  
*Salman*  
*Suhail*  
*Rahul*  
*Salahudheen*  
*Vishnu*  
*Vishnu*

## SECOND B.A ECONOMICS

SL NO	Admission Number	NAME
6401	7420	MOHAMED ASLAM K P
6402	7247	RASIM ZAMAN C
6403	7550	ANSHITHA A

*Ambili S*

*Aileen*  
Principal  
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Ponnani South - 679 586



No.	Name	1	2	3	4	5	6	7	8	9
1	ABHIRAMI KV	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
2	BENAZIR RIZWANA	Bz	Bz	Bz	Bz	Bz	Bz	Bz	Bz	Bz
3	DRISYA P	Dr	Dr	Dr	Dr	Dr	Dr	Dr	Dr	Dr
4	FAHEELA BEEVIC	Fa	Fa	Fa	Fa	Fa	Fa	Fa	Fa	Fa
5	GREEISHMA VP	Gr	Gr	Gr	Gr	Gr	Gr	Gr	Gr	Gr
6	HANOOFA TM	Ha	Ha	Ha	Ha	Ha	Ha	Ha	Ha	Ha
7	INDIRA MANIKANDAN	In	In	In	In	In	In	In	In	In
8	JUMPILA PP	Ju	Ju	Ju	Ju	Ju	Ju	Ju	Ju	Ju
9	KAVYA T	Ka	Ka	Ka	Ka	Ka	Ka	Ka	Ka	Ka
10	KRISHNENDU P	Kr	Kr	Kr	Kr	Kr	Kr	Kr	Kr	Kr
11	MUHAMMED SAHIL V	Ms	Ms	Ms	Ms	Ms	Ms	Ms	Ms	Ms
12	NAMITHA M.P	Na	Na	Na	Na	Na	Na	Na	Na	Na
13	PRAVEENA PP	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr
14	RAMSHEENA C	Ra	Ra	Ra	Ra	Ra	Ra	Ra	Ra	Ra
15	RAINCY C	Ra	Ra	Ra	Ra	Ra	Ra	Ra	Ra	Ra
16	RASHIDA MV	Ra	Ra	Ra	Ra	Ra	Ra	Ra	Ra	Ra
17	SAFVANA P	Sa	Sa	Sa	Sa	Sa	Sa	Sa	Sa	Sa
18	SAJNA TK	Sa	Sa	Sa	Sa	Sa	Sa	Sa	Sa	Sa
19	SARANYA CP	Sa	Sa	Sa	Sa	Sa	Sa	Sa	Sa	Sa
20	SEHEELA MV	Se	Se	Se	Se	Se	Se	Se	Se	Se
21	SHAFANA SHERIN VT	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh
22	SHAJIMIN CHERIN VT	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh
23	SHAMEEMALI P	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh
24	SHANA SHERIN MV	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh
25	SILPA CHANDRAN	Si	Si	Si	Si	Si	Si	Si	Si	Si
26	THEERTHA NP	Th	Th	Th	Th	Th	Th	Th	Th	Th
27	UMMUMAILA PP	Um	Um	Um	Um	Um	Um	Um	Um	Um
28	NIRMISHA MP	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni



Ambili's

Ameen

Principal  
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VALUE ADDED COURSE IN

# HEALTH ECONOMICS



*Ashwini*

**BUSHARA.M.V**  
Assistant Professor and Head  
P.G. Department of Economics  
MES Ponnani College  
P.O.Ponnani South, Pin:679580

*Shamila V U*

**2021-2022**

*Ameen*  
Principal

MES Ponnani College  
Ponnani South - 679 586

Course Co-ordinator  
**SHAMILA V U**  
Assistant Professor,  
Department of Economics

## VALUE ADDED COURSES OFFERED BY DEPARTMENT OF ECONOMICS 2021-22

### Health Economics

course	title	external	internal	Total marks
Value added courses	Health Economics	75	25	100

Percentage distribution of internal marks

components	marks
Attendance	25%
Assignment	25%
Test paper	25%

Percentage distribution of Marks for Attendance

Attendance	Marks
Above 90 %	100%
85-89%	80%
80-84%	60%
76-79%	40%
75 %	20%

External examination: question pattern

The questions of external evaluation should aim at assessment of knowledge, standard application of knowledge and application of knowledge in new situations. Question paper should be a judicious mix of objective type, short answer type, short essay type and long essay type questions. Different types of questions shall be given different weights to quantify their range. The question setter shall submit a detailed scheme of evaluation along with the question paper.



*Shankar V.U*

*ARhif*  
Principal  
MES Ponnani College  
P.O. Ponnani South - 679586  
BUSHARA.M.V  
Professor and Head  
Department of Economics  
MES Ponnani College  
P.O. Ponnani South, Pin:679560

Question pattern for External evaluation.

Type of question	Questions to be given	Questions to be answered	Marks for each question	Total marks
Objective type	10	10	1/2	5
Very short answer	12	10	2	20
Short essay	8	6	5	30
Essay	4	2	10	20
total	34	28		75

## Syllabus

### Health Economics

#### Module 1; The national and international health scene.

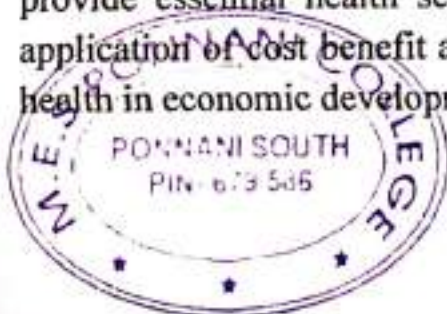
Health output and input indicators and their correlation with the level of economic development and with the public expenditure on health .sources of health statistics and a critical appraisal of their usefulness and limitations

#### Module 2 Resource allocation in the health sector

Resource allocation problems in private and government hospitals- Resource allocation problems facing a private practitioner- the problem of multiple services of a hospital –pricing of these services and the choice of the mix of services- the trade offs between quantity and quality- production function-productivity-Efficiency and equity considerations applied to the hospital sector.

#### Module 3 Evaluation of Benefits and costs of Health services

Private benefits and private costs of providing health services-the failure of the market to provide essential health services the provision of health services by the government.The application of cost benefit analysis to public health and family planning projects.The role of health in economic development .



*Anam*  
Principal  
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*Alchid*  
BUSHARA  
Assistant Professor and Head  
P.G. Department of Economics  
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**MES PONNANI COLLEGE**  
**P.G Department of Economics**  
**Certificate course in**  
**Health economics 2021-22**

**Course coordinator**

**Shamila V.U**

Assistant Professor

P.G Department of Economics

**Organized by**

P.G Department of Economics

**About the Department**

The Department has been offering UG course since 1975. It has been upgraded as Post-Graduate department in 1979. The Department offers a regular full-time four semesters PG and six semesters UG programs in Economics. The department maintains an effective tutorial system to foster healthy relationship among teachers and students. The department also provides remedial coaching for academically weak students. The total strength of the department is 220 students. Among them more than 80% are girls.

**The theme of the certificate course**

The objective of the course is to improve the skills of the students so as to help them express effectively in various levels and equip them with skills necessary for various careers. The media of teaching is online mode. Google classroom, whatsapp, Google meet are the platforms preferred to conduct the course.

**How to apply**

The interested candidate may apply through the Google form

<https://forms.gle/KJeRJJvqPz4Sj5fU7>

*Shamila V.U*

*ABHJ*  
**BUSHARA.M.V**  
Assistant Professor and Head  
P.G. Department of Economics  
MES Ponnani College  
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*Aneem*  
**Principal**  
**MES Ponnani College**  
**Ponnani South - 679 586**



MES PONNANI COLLEGE

PG Department of Economics

Value added course in

**Health Economics**

**For the academic year 2021-22**

**Report**

**Course coordinator**

Shamila V.U

Associate Professor

P.G Department of Economics

**Organized by**

P.G Department of Economics

The Department selected 69 students from our own department, from the 80 applications we received. The course duration was one year and the syllabus consisting of 3 modules of 30 hours. The aim is to offer the opportunity to develop their skills along with their Degree courses, and to develop the entrepreneurial skills of the students, and make them to earn a supplementary income. Department started value added courses to enhance the additional skills of students as well as to develop attitude about other dimensions of Economics. In the year 2021-22 department offered value added course in Health Economics. Shamila V.U, Associate Professor was the course coordinator during the period. The evaluation system was consisting both external and internal. We conducted an examination and all students received certificate as per the designed curriculum.

*Shamila V.U*

*Akshita*

**BUSHARA.M.V**

Assistant Professor and HOD  
P.G. Department of Economics  
MES Ponnani College  
P.O.Ponnani South, Pin:679580



*Meera*  
**Principal**  
MES Ponnani College  
Ponnani South - 679 586



**Performa for the application form**

Name :

Sex :

Name of the guardian :

Locality :

House name :

Pin code :

Adharnumber :

Mobile number :

Age and date of birth :

Academic qualification :

The name of the institution in which presently studying:

The course that you are presently studying :

*Achsh*

**BUSHARA.M.V**  
Assistant Professor and Head  
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## References

1. Baneerjee D :Social and cultural Foundation of health service systems in India-Enquiry,supplement to VolXII,June 1975
2. Baneerjee D :Poverty ,class and health culture in india .Vol 1,practical prakashan,New Delhi 1982.
3. Gandhian Institute for rural health and family planning :Studies on Morality in India Monograph series,No.5 1972.
4. Government of India: national health policy –New Delhi,1983



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MES PONNANI COLLEGE, PONNANI		
FINAL MA ECONOMICS		
Programme: M. A. Economics		
SL.No	Admission No	Name of Student
602	7615	AKSHAY P
603	7612	ANJANA T P
604	7313	ANUSHA V
605	7347	AYSHA B
606	7348	AYSHA NASRIN K A
607	7338	DRISHYA K S
608	7201	DRISYA P
609	7724	GAYATHRI T N
610	7316	GEETHANJALI M C

Akshay  
Anjana  
Anusha  
Aisha  
Aisha  
Drishya  
Drishya  
Gayathri  
Geethanjali

Anbilis

Neem  
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612	7249	JISHNA M P
613	7215	MISNA P
614	7312	NASWIHA P
615	7315	RUVAN P K
616	7182	SAFEERA SAHANAS
617	7225	SAJNA P M
618	7329	SHAMNA U
619	7332	SHAMSHEERA JABEEN T K
620	7333	SHAMSHEERA RAZNI K
621	7322	SNEHADAS K P

*Jishna*

*Misna*

*Naswiha*

*Ruvan*

*Safeera*

*Sajna*

*Shamna*

*Shamsheera*

*Shamsheera*

*Snehadas*



*Ambali S*

*Aneem*

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6404	7711	AYISHA THESNI P P
6405	7464	AYSHA T K
6406	7262	MUBASHERA P
6407	7491	MUBASHIRA C P
6408	7502	MURSHIDA P
6409	7496	NAFEESA MUMTHAZ K
6410	7555	NAFEESATHUL MISRIYA T P O
6411	7652	NAJMA P P
6412	7646	RAWFEEDA K
6413	7645	RISHALA K M
6414	7466	SAHEEDA P
6415	7654	SULFATHE
6416	7200	SULFIYA P
6417	7368	SUMAYYA P P

*(Handwritten signatures and initials next to each row of the table)*

*(Handwritten signature: Shunika.V.U)*

*(Handwritten signature: Anu)*  
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6418	7308	HAFSATH NASRIN C
6419	7449	RAHNA C
6420	7499	SAJNA K M
6421	7291	SHIHANA SERIN
6422	7426	MOHAMMED SHIBIL C
6423	7456	MUHAMED NAJEED P
6424	7712	MUHAMMED ADHIL C
6425	7677	MUHAMMED HASHIM K
6426	7582	RANJITH K
6427	7532	RASIFARHAN M V
6428	7583	SANDEEP M P
6429	7664	SUJITH R
6430	7243	AMRUTHA V K
6431	7284	ANSHITHA K

*Hafsa*  
*Rahna*  
*Sajna*  
*Shihana*  
*Shibil*  
*Muhammed*  
*Adhil*  
*Hashim*  
*Ranjith*  
*Rasif*  
*Sandeep*  
*Sujith*  
*Amrutha*  
*Anshitha*

*Shamir V-U*



*Princip*  
MES Pr  
Ponna. - 679 586



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6432	7430	ARAFANA SAFARULLA	
6433	7221	ARYA K	
6434	7534	ASIFA A P	
6435	7592	ASNA P K	
6436	7535	AYISHA NASREEN	
6437	7595	AYISHA SHUHANA E K	
6438	7359	DRISHYA P V	
6439	7762	FAHMITHA A P	
6440	7749	FARSANA JASMIN K V	
6441	7379	FATHIMA SAFA P A	
6442	7500	FATHIMATHU SWALIHA K	
6443	7667	GOPIKA K	
6444	7289	HAMNA BAREERA K P	

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6445	7516	IHSENA E P	<i>Ihsena</i>
6446	7638	IRFANA P	<i>Irfana</i>
6447	7571	JASEELA K	<i>Jaseela</i>
6448	7271	JASEELA K V	<i>Jaseela</i>
6449	7380	KRISHNA PRIYA M	<i>Krishna</i>
6450	7198	MEGHARSHA K	<i>Megharsha</i>
6451	7693	MUHSEENA	<i>Muhseena</i>
6452	7574	MUNEESHA P	<i>Muneesha</i>
6453	7524	NAFEESATHUL MISIRIYA P	<i>Nafeesathul</i>
6454	7605	NAJHA	<i>Najha</i>
6455	7194	PRANITHA	<i>Pranitha</i>
6456	7468	SAJEENA C P	<i>Sajeena</i>
6457	7397	SANDEEPA K P	<i>Sandeepa</i>
6458	7478	SHAFNA A N	<i>Shafna</i>
6459	7608	SHAHANA V P	<i>Shahana</i>
6460	7750	SHAMNA P M	<i>Shamna</i>
6461	7367	SHAMNA T K	<i>Shamna</i>

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*Shamsh. U. U.*





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6462	7387	SHIFANA K	<i>Shifana</i>
6463	7438	SHIFNA K	<i>Shifna</i>
6464	7288	SMRUTHI K P	<i>Smruthi</i>
6465	7731	SNEHA T P	<i>Sneha</i>
6466	7738	SUKANYA P P	<i>Sukanya</i>
6467	7391	SUMISHA V T	<i>Sumisha</i>
6468	7278	VINAYA V T	<i>Vinaya</i>
6469	7624	VISMAYA MOHAN	<i>Vismaya</i>

Roll No:	Admission No	Name
21EC01	8896	FARHANA
21EC02	8617	FATHIMA NAHLA V P
21EC03	8908	HIBA
21EC04	8864	HIBA M K
21EC05	8928	HUSNA C
21EC06	8959	IRFANA
21EC07	8632	JUMANA THESNEEN C
21EC08	8807	NIYA SHANAVAS P C
21EC09	8619	RAHNA V
21EC10	8581	SAFWANA M
21EC11	9022	FAHIM IRFAN P V
21EC12	9042	MOHAMMED SAFVAN T H

*Farhana*  
*Fathima*  
*Hiba*  
*Hiba*  
*Husna*  
*Irfa*  
*Jumana*  
*Niya*  
*Rahna*  
*Safwana*  
*Fahim*  
*Mohammed*



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21EC13	8865	RAMEES K C
21EC14	8802	UKKAS K
21EC15	8809	HISANA FARHATH T T
21EC16	8937	NASILI C
21EC17	9118	RASNA RAJU
21EC18	9217	SHAHANA SHERIN K P
21EC19	8741	ADHITHYA C K
21EC20	8769	ADITHYA K
21EC21	8611	ADWOITHA P
21EC22	9207	AFEEFA ASHRAF T V
21EC23	8549	AJINA NASERIN
21EC24	9117	ANASWARA A
21EC25	8953	ARSALNA E
21EC26	8961	ASLAHA FARHATH P
21EC27	8579	ASNA K T
21EC28	8538	AYSHA JASREEN A
21EC29	8917	AYSHA LIYA K
21EC30	8739	DHANYA N P
21EC31	8700	FARHATH P V
21EC32	8703	FARSANA P
21EC33	8842	FATHIMA BINSI M
21EC34	8995	FATHIMA FIDA C K
21EC35	8950	FATHIMA P P
21EC36	8717	FATHIMA SHAHANA V T
21EC37	8667	FATHIMATH SADIYA N V
21EC38	9081	JASEERA K

Ramees K C  
Ukkas K  
Hisana Farhath  
Nasili C  
Rasna Raju  
Shahana Sherin  
Adhithya C K  
Adithya K  
Adwoitha P  
Afeeфа Ashraf T  
Ajina Naserin  
Anaswara A  
Arsalna E  
Aslaha Farhath  
Asna K T  
Aysha Jasreen A  
Aysha Liya K  
Dhanya N P  
Farhath P V  
Farsana P  
Fathima Binsi M  
Fathima Fida C K  
Fathima P P  
Fathima  
Shahana V T  
Fathimath  
Sadiya N V  
Jaseera K

Aneens

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21EC39	9082	MUBASHIRA P V	Mub
21EC40	9007	NAFEESATHUL MISRIYA C K	Misriya
21EC41	8604	NANDANA P	Nandana
21EC42	8623	NASLA M	Nasla
21EC43	9119	NEETHU KRISHNA A P	Neethu
21EC44	8618	NITHUNA	Nithuna
21EC45	8781	NIVEDITHA T	Niveditha
21EC46	8935	RAMSHEENA K	Ramsheena
21EC47	8621	RINSHIDHA T	Rinshidha
21EC48	8810	SAFA CP	Safa
21EC49	8580	SAFIYATH K K	Safiyath
21EC50	8638	SARANYA P	Saranya
21EC51	8662	SHAHANA SHERIN C K	Shahana
21EC52	8587	SHAHANA SHERIN N	Shahana
21EC53	9156	SHAHANA THESNEEM P	Thesneem
21EC54	8960	SHAHINA C	Shahina
21EC55	8747	SHAMLIYA T	Shamliya
21EC56	8612	SHILPA AP	Shilpa
21EC57	9131	SNEHA V U	Sneha
21EC58	8711	SONA K	Sona
21EC59	8673	SYAMILI K	Syamili
21EC60	8998	VISMAYA P	Vismaya
21EC61	8785	FIDAL M R	Fidal
21EC62	9032	AJMAL PP	Ajmal
21EC63	9012	ANAS K M	Anas
21EC64	8910	MOHAMMED NIHAL C P	Nihal
21EC65	8939	MOHAMMED SALMAN M V	Salman

*Amey*  
Principal  
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*Shamla V.U*



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21EC66	9200	MUHAMMED SUHAIL	
21EC67	8577	RAHUL SURESH	
21EC68	8903	SALAHUDHEEN N V	
21EC69	8624	VISHNU K	
21EC70	9111	VISHNU K R	
	9309	NIDHA SHIRN	



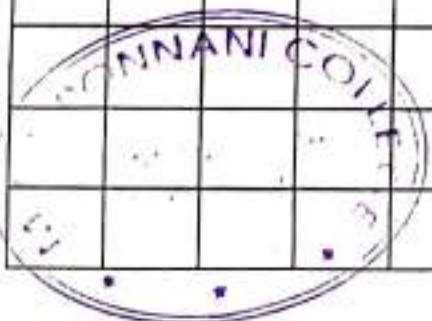
Principa   
MES Ponnani College  
Ponnani South - 679 586

No.	Name	1	2	3	4	5	6	7	8	9
1	HAFSATH NASRIN C	<del>HNFC</del>	<del>HNFC</del>	<del>HNFC</del>	<del>HNFC</del>	<del>HNFC</del>	<del>HNFC</del>	<del>HNFC</del>	<del>HNFC</del>	<del>HNFC</del>
2	RAHNA C	<del>R</del>	<del>R</del>	<del>R</del>	<del>R</del>	<del>R</del>	<del>R</del>	<del>R</del>	<del>R</del>	<del>R</del>
3	SAJNA KM	<del>Sajna</del>	<del>Sajna</del>	<del>Sajna</del>	<del>Sajna</del>	<del>Sajna</del>	<del>Sajna</del>	<del>Sajna</del>	<del>Sajna</del>	<del>Sajna</del>
4	SHIHANA SHERIN	<del>Shihana</del>	<del>Shihana</del>	<del>Shihana</del>	<del>Shihana</del>	<del>Shihana</del>	<del>Shihana</del>	<del>Shihana</del>	<del>Shihana</del>	<del>Shihana</del>
5	MOHAMMED SHIBIL C	<del>MS</del>	<del>MS</del>	<del>MS</del>	<del>MS</del>	<del>MS</del>	<del>MS</del>	<del>MS</del>	<del>MS</del>	<del>MS</del>
6	MOHAMMED NAJEED P	<del>MNP</del>	<del>MNP</del>	<del>MNP</del>	<del>MNP</del>	<del>MNP</del>	<del>MNP</del>	<del>MNP</del>	<del>MNP</del>	<del>MNP</del>
7	MUHAMMED ADHIL C	<del>Adil</del>	<del>Adil</del>	<del>Adil</del>	<del>Adil</del>	<del>Adil</del>	<del>Adil</del>	<del>Adil</del>	<del>Adil</del>	<del>Adil</del>
8	MUHAMMED HASHIM K	<del>HAK</del>	<del>HAK</del>	<del>HAK</del>	<del>HAK</del>	<del>HAK</del>	<del>HAK</del>	<del>HAK</del>	<del>HAK</del>	<del>HAK</del>
9	RANJITH K	<del>RK</del>	<del>RK</del>	<del>RK</del>	<del>RK</del>	<del>RK</del>	<del>RK</del>	<del>RK</del>	<del>RK</del>	<del>RK</del>
10	RASIFARHAN MV	<del>Rafan</del>	<del>Rafan</del>	<del>Rafan</del>	<del>Rafan</del>	<del>Rafan</del>	<del>Rafan</del>	<del>Rafan</del>	<del>Rafan</del>	<del>Rafan</del>
11	SANDEEP MP	<del>S</del>	<del>S</del>	<del>S</del>	<del>S</del>	<del>S</del>	<del>S</del>	<del>S</del>	<del>S</del>	<del>S</del>
12	SUJITH R	<del>S</del>	<del>S</del>	<del>S</del>	<del>S</del>	<del>S</del>	<del>S</del>	<del>S</del>	<del>S</del>	<del>S</del>
13	AMRUTHA VK	<del>Amrutha</del>	<del>Amrutha</del>	<del>Amrutha</del>	<del>Amrutha</del>	<del>Amrutha</del>	<del>Amrutha</del>	<del>Amrutha</del>	<del>Amrutha</del>	<del>Amrutha</del>
14	ANSHITHA K	<del>Anshitha</del>	<del>Anshitha</del>	<del>Anshitha</del>	<del>Anshitha</del>	<del>Anshitha</del>	<del>Anshitha</del>	<del>Anshitha</del>	<del>Anshitha</del>	<del>Anshitha</del>
15	SHIFANA K	<del>Shifana</del>	<del>Shifana</del>	<del>Shifana</del>	<del>Shifana</del>	<del>Shifana</del>	<del>Shifana</del>	<del>Shifana</del>	<del>Shifana</del>	<del>Shifana</del>
16	SHIFNA K	<del>Shifna</del>	<del>Shifna</del>	<del>Shifna</del>	<del>Shifna</del>	<del>Shifna</del>	<del>Shifna</del>	<del>Shifna</del>	<del>Shifna</del>	<del>Shifna</del>
17	SMRUTHI KP	<del>SM</del>	<del>SM</del>	<del>SM</del>	<del>SM</del>	<del>SM</del>	<del>SM</del>	<del>SM</del>	<del>SM</del>	<del>SM</del>
18	SNEHA TP	<del>STP</del>	<del>STP</del>	<del>STP</del>	<del>STP</del>	<del>STP</del>	<del>STP</del>	<del>STP</del>	<del>STP</del>	<del>STP</del>
19	SUKANYA PP	<del>Sukanya</del>	<del>Sukanya</del>	<del>Sukanya</del>	<del>Sukanya</del>	<del>Sukanya</del>	<del>Sukanya</del>	<del>Sukanya</del>	<del>Sukanya</del>	<del>Sukanya</del>
20	SUMISHA VT	<del>Sumisha</del>	<del>Sumisha</del>	<del>Sumisha</del>	<del>Sumisha</del>	<del>Sumisha</del>	<del>Sumisha</del>	<del>Sumisha</del>	<del>Sumisha</del>	<del>Sumisha</del>
21	VINAYA VT	<del>Vinaya</del>	<del>Vinaya</del>	<del>Vinaya</del>	<del>Vinaya</del>	<del>Vinaya</del>	<del>Vinaya</del>	<del>Vinaya</del>	<del>Vinaya</del>	<del>Vinaya</del>
22	VISMAYA MOHAN	<del>Vismaya</del>	<del>Vismaya</del>	<del>Vismaya</del>	<del>Vismaya</del>	<del>Vismaya</del>	<del>Vismaya</del>	<del>Vismaya</del>	<del>Vismaya</del>	<del>Vismaya</del>
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10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
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Principal  
 MES Ponnani College  
 Ponnani South - 679 586  
 Shumla VU





# MES PONNANI COLLEGE

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NAAC Re-accredited (III Cycle) with 'A+' Grade (CGPA 3.46)  
Estd: 1968 | Recognized under UGC 2(f) & 12(B)

## VOCATIONAL COURSE IN **SANITARY ARTICLE MAKING**



2021-2022



*A.H.*  
Course Co-ordinator

**AMBILI S**

Assistant Professor,  
Department of Economics

*Amerin*  
Principal  
MES Ponnani College  
Ponnani South - 679 586

*Akshara*  
BUSHARA.M.V  
Assistant Professor and Head  
P.G. Department of Economics  
MES Ponnani College  
P.O.Ponnani South, Pin:679580



**MES PONNANI COLLEGE**  
**P.G Department of Economics**  
**Vocational course in**  
**Sanitary article making**  
**For the academic year 2021-22**

**Course coordinator**

Ambili S

Assistant Professor

PG Department of Economics

**Organized by**

PG Department of Economics

**About the Department**

The Department has been offering UG course since 1975. It has been upgraded as Post-Graduate department in 1979. The Department offers a regular full-time four semesters PG and six semesters UG programs in Economics. The department maintains an effective tutorial system to foster healthy relationship among teachers and students. The department also provides remedial coaching for academically weak students. The total strength of the department is 220 students. Among them more than 80% are girls. Also provides Vocational education training courses, value added courses and certificate courses in different streams for the students of various department in our college.

**The theme of the certificate course**

The aim is to offer the opportunity to develop their skills along with their Degree courses, and to develop the entrepreneurial skills of the students, and make them to earn a supplementary income

**How to apply**

The interested candidate may apply to The coordinator, vocational education training course in "Sanitary article making" PG department of Economics, MES PONNANI COLLEGE on or before 30<sup>th</sup> June, 2021

*Ambili S*

*Ambili S*  
Principal

MES Ponnani College  
Ponnani South - 679 586

*Akhil*

**BUSHARA.M.V**  
Assistant Professor and Head  
P.G. Department of Economics  
MES Ponnani College  
Ponnani South, Pin: 679 586



MES PONNANI COLLEGE  
P.G Department of Economics  
Vocational Education course in  
Sanitary article making  
For the academic year 2021-22  
Report

**Course coordinator**

Ambili S

Associate Professor

P.G Department of Economics

**Organized by**

P.G Department of Economics

The Department selected 63 students from our own department, from the 70 applications we received. The course duration was one year and the syllabus consisting of 3 modules of 30 hours. The aim is to offer the opportunity to develop their skills along with their Degree courses, and to develop the entrepreneurial skills of the students, and make them to earn a supplementary income. Department started value added courses to enhance the additional skills of students as well as to develop attitude about other dimensions of Economics. In the year 2020-21 department offered value added course in Sanitary article making. Ambili S, Associate Professor was the course coordinator during the period. The evaluation system was consisting both external and internal. We conducted an examination and all students received certificate as per the designed curriculum.

*Akhil*

**BUSHARA E.V**  
Assistant Professor and HOD  
P.G. Department of Economics  
MES Ponnani College  
P.O.Ponnani South, Pin:679586

*Ambili S*

*Aneem*  
**Principal**  
MES Ponnani College  
Ponnani South - 679 586





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Ponnani South (PO), Malappuram, Kerala, India, Pin-679586  
EMail: economic.mes@gmail.com | economics@mesponnanicollege.ac.in

## 2<sup>nd</sup> B A Economics 2020-21

Roll No:	Admission No	Name
1001	8399	AHSANA A M
1002	8289	ARSHIDA K
1003	8256	AYSHA A
1004	7877	HANNATH SHERIN A M
1005	8087	KHAULAL HIND A K
1006	8255	LASHIBA LUBIN P
1007	8105	MUHSINATH T K
1008	8238	NASNA A K
1009	7803	NASREEN K
1010	8356	NEJLA P
1011	7897	RINSHA M K
1012	8144	RIZWANA JUMI T
1013	8162	SHABANA A
1014	8385	SHAHANA K V
1015	7821	SHANA SHIRIN V
1016	7834	SHIBLA SHERIN T
1017	8282	SUHAILA J
1018	7927	MAHROOF K M
1019	8297	MOHAMED SADHIQ P I
1020	8240	MOHAMMED ASEEB A K
1021	7937	MOHAMMED SUHAIL KK
1022	8288	MOHAMMED YASIR K
1023	7963	SAVAD K S
1024	7788	HAMNA VAMBANTE
1025	7884	HASNATH K P

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1026	8215	RUSHAIKHA S	Rusha
1027	8107	SHIMA K P	Shima
1028	8293	VISHNUMEGHA K	Vishnu
1029	8304	ADHILA JASMIN KM	Adhila
1030	8380	AFEefa V	Afeefa
1031	8145	ANEESHA K	Aneesha
1032	7815	APARNA A	Aparna
1033	7799	AYSHA REHNA	Aysha
1034	8103	FAJISHA K	Fajisha
1035	8249	FAMINA P P	Famina
1036	7942	FATHIMATHUL SELVA C V	Fathima
1037	8287	FIDA NASARIN PV	Fida
1038	8378	JAMEELA THASNI K P	Jameela
1039	8299	JASMIN P V	Jasmin
1040	7837	JASNASHERIN V	Jasnasherin
1041	7870	JERIN SAKKEER V P	Jerin
1042	8015	JISHANA M	Jishana
1043	8152	JISHITHA C	Jishitha
1044	8239	KAVYA T S	Kavya
1045	8425	KRISHNENDU T	Krishnendu
1046	8448	MAIMOONA THESNI M K	Maimoona
1047	7864	MURSHIDA M	Murshida
1048	8229	NAHEEMA A P	Naheema
1049	7901	NAVYA K P	Navya
1050	8104	NEFIDHA K	Nefidha
1051	8165	NIMSHEENA P	Nimsheena
1052	8438	PRATHYUSHA P P	Prathyusha
1053	7900	PUNNYA CHANDRAN	Punya
1054	8150	RAFKANA	Rafkana

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MES PONNANI COLLEGE, PONNANI		
FINAL MA ECONOMICS		
Programme: M. A. Economics		
SL.No	Admission No	Name of Student
602	7615	AKSHAY P
603	7612	ANJANA T P
604	7313	ANUSHA V
605	7347	AYSHA B
606	7348	AYSHA NASRIN K A
607	7338	DRISHYA K S
608	7201	DRISYA P
609	7724	GAYATHRI T N
610	7316	GEETHANJALI M C
611	7331	HASHMI SHERIN M T

*Akshay*  
*Anjana*  
*Anusha*  
*Aysha*  
*Aysha*  
*Drishya*  
*Drisya*  
*Gayathri*  
*Geetha*  
*Hashmi*

*Ambili S*

*Amen*  
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Ponnani South - 679 586





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Ponnani South (PO), Malappuram, Kerala, India, Pin-679586  
Email: economic.mes@gmail.com | economics@mesponnanicollege.ac.in

611	7331	HASHMI SHERIN T	
612	7249	JISHNA M P	
613	7215	MISNA P	
614	7312	NASWIHA P	
615	7315	RUVAN P K	
616	7182	SAFEERA SAHAI	
617	7225	SAJNA P M	
618	7329	SHAMNA U	
619	7332	SHAMSHEERA JABEEN T K	
620	7333	SHAMSHEERA RAZNI K	

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21EC33	8842	FATHIMA BINSI M	<i>Fathima</i>
21EC34	8995	FATHIMA FIDA C K	<i>Fathima</i>
21EC35	8950	FATHIMA P P	<i>Fathima</i>
21EC36	8717	FATHIMA SHAHANA V T	<i>Shahana</i>
21EC37	8667	FATHIMATH SADIYA N V	<i>Fathimath</i>
21EC38	9081	JASEERA K	<i>Jaseera</i>
21EC39	9082	MUBASHIRA P V	<i>Mubashira</i>
21EC40	9007	NAFEESATHUL MISRIYA C K	<i>Nafeesathul</i>
21EC41	8604	NANDANA P	<i>Nandana</i>
21EC42	8623	NASLA M	<i>Nasla</i>
21EC43	9119	NEETHU KRISHNA A P	<i>Neethu</i>
21EC44	8618	NITHUNA	<i>Nithuna</i>
21EC45	8781	NIVEDITHA T	<i>Niveditha</i>
21EC46	8935	RAMSHEENA K	<i>Ramsheena</i>
21EC47	8621	RINSHIDHA T	<i>Rinshidha</i>
21EC48	8810	SAFA CP	<i>Safa</i>
21EC49	8580	SAFIYATH K K	<i>Safiyath</i>
21EC50	8638	SARANYA P	<i>Saranya</i>
21EC51	8662	SHAHANA SHERIN C K	<i>Shahana</i>
21EC52	8587	SHAHANA SHERIN N	<i>Sherin</i>
21EC53	9156	SHAHANA THESNEEM P	<i>Shahana thesneem</i>
21EC54	8960	SHAHINA C	<i>Shahina</i>
21EC55	8747	SHAMLIYA T	<i>Shamliya</i>
21EC56	8612	SHILPA AP	<i>Shilpa</i>
21EC57	9131	SNEHA V U	<i>Sneha</i>
21EC58	8711	SONA K	

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21EC07	8632	JUMANA THESNEEN C	Jumana Thesneen
21EC08	8807	NIYA SHANAVAS P C	Niya Shanavas
21EC09	8619	RAHNA V	Rahna
21EC10	8581	SAFWANA M	Safwana
21EC11	9022	FAHIM IRFAN P V	Fahim
21EC12	9042	MOHAMMED SAFVAN T H	Mohammed Safvan
21EC13	8865	RAMEES K C	Ramees
21EC14	8802	UKKAS K	Ukkas
21EC15	8809	HISANA FARHATH T T	Hisana
21EC16	8937	NASILIC	Nasili
21EC17	9118	RASNA RAJU	Rasna
21EC18	9217	SHAHANA SHERIN K P	Shahana Sherin
21EC19	8741	ADHITHYA C K	Adhithya
21EC20	8769	ADITHYA K	Adithya
21EC21	8611	ADWOITHA P	Adwoitha
21EC22	9207	AFEEFA ASHRAF T V	Afeefa
21EC23	8549	AJINA NASERIN	Ajina Naserin
21EC24	9117	ANASWARA A	Anaswara
21EC25	8953	ARSALNA E	Arsalna
21EC26	8961	ASLAHA FARHATH P	Aslahi
21EC27	8579	ASNA K T	Asna
21EC28	8538	AYSHA JASREEN A	Aysha Jasreen
21EC29	8917	AYSHA LIYA K	Aysha Liya
21EC30	8739	DHANYA N P	Dhanya
21EC31	8700	FARHATH P V	Farhath
21EC32	8703	FARSANA P	Farsana

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1055	8013	SAKKIRA MOL M	<i>Sakkira</i>
1056	7855	SANA NASRIN M P	<i>Sana</i>
1057	8083	SANDRA K B	<i>Sandra</i>
1058	7886	SANJANA P K	<i>Sanjana</i>
1059	8074	SHADIYA P	<i>Shadiya</i>
1060	8178	SHAHANA SHERIN P	<i>Shahana</i>
1061	7899	SURABHYA V P	<i>Surabhya</i>
1062	7977	SWALIHA E K	<i>Swaliha</i>
1063	7920	THASLEEMA U M	<i>Thasleema</i>
1064	7924	ARIF V	<i>Arif</i>
1065	7922	ASHKAR P	<i>Ashkar</i>
1066	8305	KAMARUDHEEN K V	<i>Kamarudheen</i>
1067	7933	MOHAMMED SAHAD P	<i>Mohammed</i>
1068	8158	NABEEL RAHMAN K	<i>Nabeel</i>
1069	7958	NISHAM	<i>Nisham</i>
1070	8432	NISHANTH KRISHNAN P P	<i>Nishanth</i>

Roll No:	Admission No	Name	
21EC01	8896	FARHANA	<i>Farhana</i>
21EC02	8617	FATHIMA NAHLA V P	<i>Fathima Nahla</i>
21EC03	8908	HIBA	<i>Hiba</i>
21EC04	8864	HIBA M K	<i>Hiba M K</i>
21EC05	8928	HUSNA C	<i>Husna C</i>
21EC06	8959	IRFANA	<i>Irana</i>

*Meem*  
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29	VARSHA P	<u>Varsha</u>	<u>Varsha</u>	<u>Varsha</u>	<u>Varsha</u>	<u>Varsha</u>	<u>Varsha</u>	<u>Varsha</u>	<u>Varsha</u>	<u>Varsha</u>	<u>Varsha</u>
30	VYSHNA M	<u>Vyshna</u>	<u>Vyshna</u>	<u>Vyshna</u>	<u>Vyshna</u>	<u>Vyshna</u>	<u>Vyshna</u>	<u>Vyshna</u>	<u>Vyshna</u>	<u>Vyshna</u>	<u>Vyshna</u>
31	AKSHAY P	<u>Akshay</u>	<u>Akshay</u>	<u>Akshay</u>	<u>Akshay</u>	<u>Akshay</u>	<u>Akshay</u>	<u>Akshay</u>	<u>Akshay</u>	<u>Akshay</u>	<u>Akshay</u>
32	ANJANA TP	<u>Anjana</u>	<u>Anjana</u>	<u>Anjana</u>	<u>Anjana</u>	<u>Anjana</u>	<u>Anjana</u>	<u>Anjana</u>	<u>Anjana</u>	<u>Anjana</u>	<u>Anjana</u>
33	ANUSHA V	<u>Anusha</u>	<u>Anusha</u>	<u>Anusha</u>	<u>Anusha</u>	<u>Anusha</u>	<u>Anusha</u>	<u>Anusha</u>	<u>Anusha</u>	<u>Anusha</u>	<u>Anusha</u>
34	AYSHA B	<u>Aysha</u>	<u>Aysha</u>	<u>Aysha</u>	<u>Aysha</u>	<u>Aysha</u>	<u>Aysha</u>	<u>Aysha</u>	<u>Aysha</u>	<u>Aysha</u>	<u>Aysha</u>
35	AYSHA NASRIN KA	<u>Aysha</u>	<u>Aysha</u>	<u>Aysha</u>	<u>Aysha</u>	<u>Aysha</u>	<u>Aysha</u>	<u>Aysha</u>	<u>Aysha</u>	<u>Aysha</u>	<u>Aysha</u>
36	<del>DRISHYA KS</del>										
36	DRISHYA K S	<u>Drishya</u>	<u>Drishya</u>	<u>Drishya</u>	<u>Drishya</u>	<u>Drishya</u>	<u>Drishya</u>	<u>Drishya</u>	<u>Drishya</u>	<u>Drishya</u>	<u>Drishya</u>
37	DRISHYA P	<u>Drishya</u>	<u>Drishya</u>	<u>Drishya</u>	<u>Drishya</u>	<u>Drishya</u>	<u>Drishya</u>	<u>Drishya</u>	<u>Drishya</u>	<u>Drishya</u>	<u>Drishya</u>
38	GAYATHRI TN	<u>Gayathri</u>	<u>Gayathri</u>	<u>Gayathri</u>	<u>Gayathri</u>	<u>Gayathri</u>	<u>Gayathri</u>	<u>Gayathri</u>	<u>Gayathri</u>	<u>Gayathri</u>	<u>Gayathri</u>
39	GEETHANJALI MC	<u>Geethanjali</u>	<u>Geethanjali</u>	<u>Geethanjali</u>	<u>Geethanjali</u>	<u>Geethanjali</u>	<u>Geethanjali</u>	<u>Geethanjali</u>	<u>Geethanjali</u>	<u>Geethanjali</u>	<u>Geethanjali</u>
40	HASHMI SHERIN MT	<u>Hashmi</u>	<u>Hashmi</u>	<u>Hashmi</u>	<u>Hashmi</u>	<u>Hashmi</u>	<u>Hashmi</u>	<u>Hashmi</u>	<u>Hashmi</u>	<u>Hashmi</u>	<u>Hashmi</u>
41	JISHNA MP	<u>Jishna</u>	<u>Jishna</u>	<u>Jishna</u>	<u>Jishna</u>	<u>Jishna</u>	<u>Jishna</u>	<u>Jishna</u>	<u>Jishna</u>	<u>Jishna</u>	<u>Jishna</u>
42	MISNA P	<u>Misna</u>	<u>Misna</u>	<u>Misna</u>	<u>Misna</u>	<u>Misna</u>	<u>Misna</u>	<u>Misna</u>	<u>Misna</u>	<u>Misna</u>	<u>Misna</u>
43	NASWIHA P	<u>Naswiha</u>	<u>Naswiha</u>	<u>Naswiha</u>	<u>Naswiha</u>	<u>Naswiha</u>	<u>Naswiha</u>	<u>Naswiha</u>	<u>Naswiha</u>	<u>Naswiha</u>	<u>Naswiha</u>
44	RUVAN P K	<u>Ruvan</u>	<u>Ruvan</u>	<u>Ruvan</u>	<u>Ruvan</u>	<u>Ruvan</u>	<u>Ruvan</u>	<u>Ruvan</u>	<u>Ruvan</u>	<u>Ruvan</u>	<u>Ruvan</u>
45	SAFEERA SAHANAS	<u>Safeera</u>	<u>Safeera</u>	<u>Safeera</u>	<u>Safeera</u>	<u>Safeera</u>	<u>Safeera</u>	<u>Safeera</u>	<u>Safeera</u>	<u>Safeera</u>	<u>Safeera</u>
46	SAJNA P M	<u>Sajna</u>	<u>Sajna</u>	<u>Sajna</u>	<u>Sajna</u>	<u>Sajna</u>	<u>Sajna</u>	<u>Sajna</u>	<u>Sajna</u>	<u>Sajna</u>	<u>Sajna</u>
47	SHAMINA U	<u>Shamina</u>	<u>Shamina</u>	<u>Shamina</u>	<u>Shamina</u>	<u>Shamina</u>	<u>Shamina</u>	<u>Shamina</u>	<u>Shamina</u>	<u>Shamina</u>	<u>Shamina</u>
48	SHAMSHEERA JABFENTK	<u>Shamsheera</u>	<u>Shamsheera</u>	<u>Shamsheera</u>	<u>Shamsheera</u>	<u>Shamsheera</u>	<u>Shamsheera</u>	<u>Shamsheera</u>	<u>Shamsheera</u>	<u>Shamsheera</u>	<u>Shamsheera</u>
49	SHAMSHEERA RAZNI K	<u>Shamsheera</u>	<u>Shamsheera</u>	<u>Shamsheera</u>	<u>Shamsheera</u>	<u>Shamsheera</u>	<u>Shamsheera</u>	<u>Shamsheera</u>	<u>Shamsheera</u>	<u>Shamsheera</u>	<u>Shamsheera</u>
50	SNEHA DAS K P	<u>Sneha</u>	<u>Sneha</u>	<u>Sneha</u>	<u>Sneha</u>	<u>Sneha</u>	<u>Sneha</u>	<u>Sneha</u>	<u>Sneha</u>	<u>Sneha</u>	<u>Sneha</u>
51											
52											
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54											
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56											

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10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR
OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR
PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR
SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
TR	TR	TR	TR	TR	TR	TR	TR	TR	TR	TR	TR	TR	TR	TR	TR
UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR
VR	VR	VR	VR	VR	VR	VR	VR	VR	VR	VR	VR	VR	VR	VR	VR
WR	WR	WR	WR	WR	WR	WR	WR	WR	WR	WR	WR	WR	WR	WR	WR
XR	XR	XR	XR	XR	XR	XR	XR	XR	XR	XR	XR	XR	XR	XR	XR
YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR
ZR	ZR	ZR	ZR	ZR	ZR	ZR	ZR	ZR	ZR	ZR	ZR	ZR	ZR	ZR	ZR



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