

[Govt. Aided & Affiliated to the University of Calicut Re-accredited by NAAC with A+ Grade CGPA 3.46]

Ponnani South P.O., Malappuram Dist, Kerala, India - 679586. Phone: 0494-2666077 (Off)

Ref:	Circular	Date :
		17/07/2023

To: All Department Heads

Subject: Commencement of Certificate Courses

It is with great pleasure that I announce the initiation of Certificate Courses in areas of contemporary relevance. Each course, spanning a duration of thirty hours, will commence from 17^{th} August 2023

- Kindly furnish the list of members comprising the Board of Studies (BoS) for the respective certificate course.
- Please submit the detailed syllabus for the course along with the minutes of the Board of Studies (BoS) meetings.

The deadline for the submission of the aforementioned documents is 30/07/2023

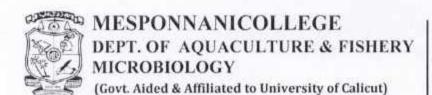
Your active participation in this initiative is pivotal to its successful implementation and to enriching the educational experience of our students.

Thank you for your prompt attention to this matter.

Yours sincerely,

Principal

E-mail: principal.mesponnani@gmail.com website: www.mesponnanicollege.org



PonnaniSouthP.O,Malappuram,Kerala-679586 Phone: 04942666077, 0494266978

Website: www.mespni.ac.in E-Mail:aqfm@mespni.ac.in

From,

Dr. Zubair A.A, Head of Department, Department of AQFM, MES Ponnani College

To,

The Principal, MES Ponnani College

Dear Sir,

Subject: Request for Approval of Certificate Course

I am writing to inform you that the Department of English is preparing to launch a certificate course titled "Certificate Course in Aquarium construction and keeping". The course is designed to span 30 hours and will cater to both graduate students.

We seek your approval to proceed with this initiative.

Thank you.

Yours sincerely,

Dr. Zubair A.A

Zubair A.A.

HoD of the Department ssistant Professor

PG Dept. & Research Centre in Aquaculture & Pishery Microbiology 5415 Ponnani College, Ponnani South P.O., Malappuram (Dist) 679 586, India

Place: Ponnani Date:26/07/2023

PonnaniSouthP.O, Malappuram, Kerala-679586 Phone: 04942666077, 0494266978

Website: www.mespni.ac.in E-Mail:aqfm@mespni.ac.in

From,

Dr. Zubair A.A. Head of Department, Department of AQFM, MES Ponnani College

To.

The Principal MES Ponnani College

Dear Sir.

Sub: Request for Approval of Board of Studies for Certificate Course 2023-24

I write to formally seek your esteemed approval for the constitution of the Board of Studies for the Certificate Course entitled "Certificate Course in Aquarium construction and keeping" to be conducted by the Department of Aquaculture and Fishery Microbiology during the academic year 2023-24.

The proposed composition of the Board of Studies is as follows:

- 1. Dr. Zubair A.A (Head of the Department and Chairman)
- 2. Dr. Mujeeb Rahiman. K. Associate Professor, School of Industrial Fisheries, CUSAT (Subject Expert from External Institution)
- 3. Kesavan K, Associate Professor, Department of Aquaculture, MES Asmabi College (Subject Expert from External Institution)
- Dr. Rajool Shanis CP (Course Coordinator)
- Dr. Riyas A (Assistant Professor, MES Ponnani College)

I respectfully request your prompt attention to facilitate the establishment of the Board of Studies with these distinguished members.

Thank you for your unwavering support and guidance

Yours faithfully.

Dr. Zubair A.A.

Head, Department of AQFM

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

28/07/2023



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Ponnani South P.O., Malappuram Dist, Kerala, India - 679586 Phone: 0494-2666077 (Off)

Order No.Acs/MESPNI/CC/2023-2024/01

Date:11-08-2023

Date :.....

Ref:

Proceedings of the Principal, MES Ponnani College

(Present: Dr. Ameera V. U.)

Ref:

- (1) Request for the Approval of Certificate Course, dated 26-07-2023
- (2) Request for the Approval of Board of Studies for the Certificate Course, dated 28-07-2023

ORDER

As per reference (1), a request was received from the Head, Department of Aquaculture and Fishery Microbiology to initiate a Certificate Course titled Aquarium construction and keeping. The Head of the Department has also recommended a panel of academicians to be included in the Board of Studies (reference 2).

The Department of Aquaculture and Fishery Microbiology is hereby granted permission to conduct the Certificate Course Aquarium construction and keeping for both undergraduate and postgraduate students of the college.

The Board of Studies for the aforementioned course is constituted with the following members:

- Dr. Zubair A.A (Head of the Department and Chairman)
- Dr. Mujeeb Rahiman. K. Associate Professor, School of Industrial Fisheries, CUSAT (Subject Expert from External Institution)
- Kesavan K, Associate Professor, Department of Aquaculture, MES Asmabi College (Subject Expert from External Institution)
- 4. Dr. Rajool Shanis CP (Course Coordinator)
- 5. Dr. Riyas A (Assistant Professor, MES Ponnani College)

This order is issued accordingly.

Dr. Ameera V.U.

Aspision Professor in charge of the Principal MES Ponnani College

Copy to;

1. HoD, Department of Aquaculture and Fishery Microbiology #5 - 670 586

2. File

E-mail: principal.mesponnani@gmail.com website: www.mesponnanicollege.org



MESPONNANICOLLEGE DEPT. OF AQUACULTURE & FISHERY MICROBIOLOGY

(Govt. Aided & Affiliated to University of Calicut)

PonnaniSouthP.O,Malappuram,Kerala-679586 Phone: 04942666077, 0494266978

Website: www.mespni.ac.in E-Mail:aqfm@mespni.ac.in

MINUTES OF BOARD OF STUDIES MEETING

Venue: Conference Hall

Date: 04/08/2023

Agenda: Discussion and Approval of the Syllabus of the Certificate Course 2023-24

Members Present:

1. Dr. Zubair A.A (Head of the Department and Chairman)

2. Dr. Mujeeb Rahiman. K. Associate Professor, School of Industrial Fisheries, CUSAT (Subject Expert from External Institution)

3. Kesavan K, Associate Professor, Department of Aquaculture, MES Asmabi College (Subject Expert from External Institution)

4. Dr. Rajool Shanis CP (Course Coordinator)

5. Dr. Riyas A (Assistant Professor, MES Ponnani College)

Proceedings:

The meeting was convened at the Department of Aquaculture and Fishery Microbiology to deliberate upon and approve the syllabus for the Certificate Course 2023-24.

Discussion:

The Board of Studies engaged in extensive deliberations on the proposed syllabus. **Decision:**

After careful consideration, the Board of Studies arrived at the following decision:

- Discussion on Syllabus: The members thoroughly reviewed and discussed each component of the syllabus for the Certificate Course 2023-24.
- Approval of Syllabus: It was resolved that the proposed syllabus meets the academic standards and requirements. The Board of Studies unanimously approved the syllabus as presented.

Action to be Taken

The approved syllabus will be submitted to the appropriate authorities for further action and implementation.

PG Department of Aquaculture and Fishery microbiology

Curriculum

Certificate course in Aquarium construction and keeping

I Eligibility criteria

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 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 examinationat 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
В	Very good	3	2.50 to3.49
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.

Zubair A.A.

Assistant Professor PG Dept. & Research Centre in Amazulture & Fishery Microbiology MFS Pontani College, Poutani South P.O., Manappuram (Dist)-679 586, India

PG Department of Aquaculture and Fishery microbiology

Syllabus

Certificate course in Aquarium construction and keeping

Module 1: Aquarium Tank Construction (6 Hrs)

Overview of aquarium types and designs. Introduction to materials: Glass, acrylic, and alternative options. Designing your aquarium: Size, shape, and layout. Understanding dimensions and volume calculation. Selection and sourcing of materials. Tools required for construction and their usage. Techniques for cutting glass and acrylic. Applying silicone sealant or other adhesives

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.

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.

Suggested reading:

- · Guide to tropical fish keeping: 1967 Brymer, J.H. P. Ilifie.
- Tropical marine aquaria: 1971 Col, G.I. Harmlyn.
- Tropical fish setting up & maintaining fresh water & marine aquarium: 1972 Dutta R Octopus Books, LTD.
- · Aquarium fishes & setting: AmitaSaxena.
- Aquarium system: 1981 Himlins A.D. (Ed.) Academic Press.
- · Living aquarium: 1981 Hunnam F. Ward Lock,
- · Aquarium fishes & plants: 1971 Rataj R and R. Zukal Hamlyn.
- · Sea water aquarium: 1979 Spotte A. John Wiley.

Zubair A.A.
Assistant Professor
PG Dept & Research Centre in
Aquaculture & Pidery Microbiology
Aquaculture & Pidery Microbiology
Aquaculture & Pidery Ponnani South P.O.,
MIS Ponnani College, Ponnani South
Subputran (Dist)-679 586, India





DEPARTMENT OF AQUACULTURE & FISHERY MICROBIOLOGY

Certificate course in Aquarium Construction and Keeping

ENROLMENT LIST

SI. No.	Students Name	Signature
1	ABHISHA. K	Ata
2	AKSHAYA. C. P	2
3	AMRUTHA SIVADAS	alle
4	APARNA. K .A	House
5	ASNITHA. M	×p
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31	MUSBIHA K F	100
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PG Dept. & Research Centre in Aquaculture & Fishery Microbiology MES Ponnani College, Ponnani South P.O., Malagarram (Dist)-679 586, India

36	SHINSIYA T A	Same
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Zubair A. A.
Assistant Professor
PG Dept. & Ruser
Aquaculture & Politica
MES Ponnani Contra
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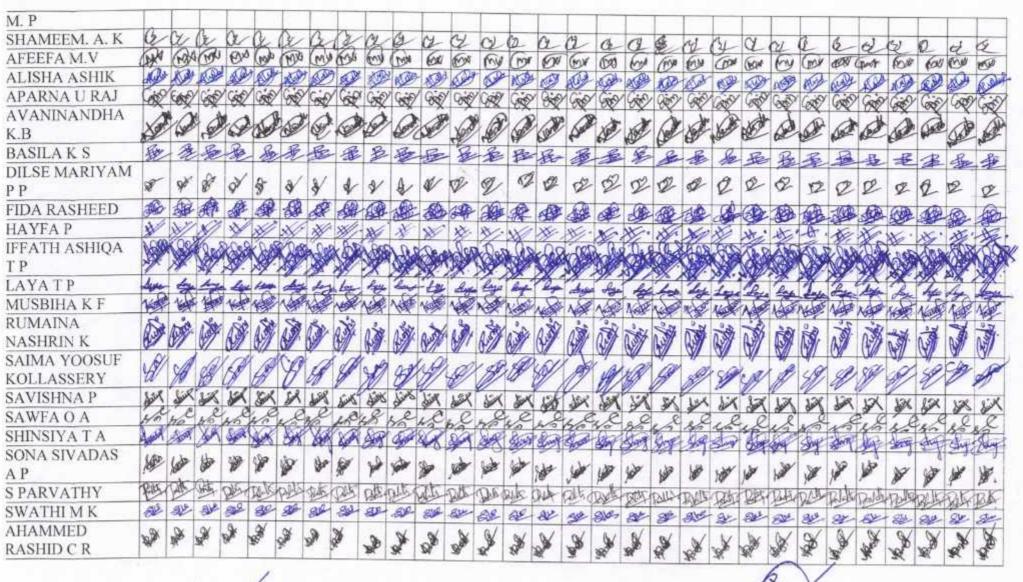


DEPARTMENT OF AQUACULTURE & FISHERY MICROBIOLOGY

Certificate course in Aquarium Construction and Keeping

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Zullur A.A.
Assistant Professor
G Dept. & Research Centre in
Amerikans & Libert Microbiology
MES Pennan Centres, Conesol South P.O.,
Malapparam (Dut)-679 586, India





Zubair A.A.

195 Doju. & Research Centre in Apparenture & Fishery Microbiology M15 Ponnani College, Ponnani South P.O., Malappuran (Dia)-679 586, India

PG DEPARTMENT OF AQUACULTURE AND FISHERY MICROBIOLOGY

Certificate course in Aquarium Construction and Keeping

Summary Report

The certificate course entitled Aquarium construction and keeping was commenced on 1st October and completed on 10th December 2023 itself. A total of forty students were successfully completed the course with A grade. The students were immensely benefited from the course. Proficiency in water quality testing and management, equipping students to address common aquatic health issues effectively. Students acquired Hands-on training in setting up and maintaining aquariums, including tank design and filtration systems.

Zubair A.A.

Assistant Professor

Assistant Professor

PG Dept. & Research Centre in

Aquaculture & Fishery Microni South P.O.,

Aquaculture & Fishery Ponnani South

MES Ponnani College, Ponnani South

Malsppuran (Oint),679 586, India

Malsppuran (Oint),679 586, India



e-mail: botany@mespni.co.in

Ponnani South P.O, Malappuram, Kerala, 679586 Ph: 0494-266077 www.mesponnanicollege.org

From

Dr. Jyothi P V Head of Department Department of Botany MES Ponnani College

To

The Principal MES Ponnani College

Dear Sir,

Subject: Request for Approval of Certificate Course

I am writing to inform you that the Department of Botany is preparing to launch a certificate course titled "Gardening Techniques" (MPCCBGT). The course is designed to span 30 hours and will cater to undergraduate students.

We seek your approval to proceed with this initiative.

Thank you.

Yours sincerely,

Dr. Jyothi P V

Head,

Department of Botany

Department of Botany

Place: Ponnani

Date: 23/07/2023



DEPARTMENT OF BOTANY MES PONNANI COLLEGE

(Govt. Aided & Affiliated to University of Calicut)

e-mail: botany@mespni.co.in

Ponnani South P.O, Malappuram, Kerala, 679586 Ph: 0494-266077 www.mesponnanicollege.org

From, Dr. Jyothi P V Head of Department Department of Botany MES Ponnani College

To, The Principal MES Ponnani College

Dear Sir,

Sub: Request for Approval of Board of Studies for Certificate Course 2023-24

I write to formally seek your esteemed approval for the constitution of the Board of Studies for the Certificate Course entitled "Gardening Techniques" (MPCCBOGT), to be conducted by the Department of Botany during the academic year 2023-24.

The proposed composition of the Board of Studies is as follows:

Dr. Jyothi P V (Associate Professor, Department of Botany, MES College Ponnani)

(Head of the Department and Chairman)

- Dr. Abdul Faisal, Assistant Professor, Department of Botany, MES Keeveyam College, Valanchery (Subject Expert from External Institution)
- Dr. Jyothi P V (Associate Professor, Department of Botany, MES College Ponnani)

(Course Co-ordinator)

- Dr. Musfir Mehaboob V (Assistant Professor, Department of Botany, MES College Ponnani)
- 5. Rinsha Shirin C R (Assistant Professor, Department of Botany, MES College Ponnani)
- 6.Manasa (Assistant Professor, Department of Botany, MES College Ponnani)

I request your prompt attention to facilitate the establishment of the Board of Studies with these distinguished members.

Thank you for your unwavering support and guidance

Yours faithfully,

Dr. Jyothi P V

Head, Department of Botany

28/07/2023

e-mail: botany@mespni.co.in

Ponnani South P.O, Malappuram, Kerala, 679586 Ph: 0494-266077 www.mesponnanicollege.org

MINUTES OF BOARD OF STUDIES MEETING

Venue: Department of Botany

Date: 06/11/2023

Agenda: Discussion and Approval of the Syllabus of the Certificate Course 2023-24

Members Present:

1. Dr. Jyothi P V (Associate Professor, Department of Botany, MES College Ponnani)

(Head of the Department and Chairman)

2. Dr. Abdul Faisal, Assistant Professor, Department of Botany, MES Keeveyam College, Valanchery (Subject Expert from External Institution)

3. Dr. Jyothi P V(Associate Professor, Department of Botany, MES College Ponnani)

(Course Co-ordinator)

4. Dr. Musfir Mehaboob V (Assistant Professor, Department of Botany, MES College Ponnani)

5. Rinsha Shirin C R (Assistant Professor, Department of Botany, MES College Ponnani)

6.Manasa (Assistant Professor, Department of Botany, MES College Ponnani)

Proceedings:

The meeting was convened at the Department of Botany to deliberate upon and approve the syllabus for the Certificate Course 2023-24.

Discussion:

The Board of Studies engaged in extensive deliberations on the proposed syllabus.

Decision:

After careful consideration, the Board of Studies arrived at the following decision:

- Discussion on Syllabus: The members thoroughly reviewed and discussed each component of the syllabus for the Certificate Course 2023-24.
- Approval of Syllabus: It was resolved that the proposed syllabus meets the academic standards and requirements. The Board of Studies unanimously approved the syllabus as presented.

Action to be Taken

The approved syllabus will be submitted to the appropriate authorities for further action and implementation.

MES PONNANI COLLEGE DEPARTMENT OF BOTANY Certificate course on GARDENING TECHNIQUES

Course duration: 30 hours

Classes starts on 3rd January 2024

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

e-mail: botany@mespni.co.in

Ponnani South P.O, Malappuram, Kerala, 679586 Ph: 0494-266077 www.mesponnanicollege.org

CURRICULUM FOR GARDENING TECHNIQUES

Course Outcome:

Upon completion of this course, students will have a comprehensive understanding of the fundamentals of horticulture, plant propagation techniques, soil management, and the cultivation of ornamental plants. They will be equipped with the knowledge and skills necessary for effective gardening, floriculture, and the creation of ornamental gardens.

Course description:

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 set, Fruit development.

UNIT - III 6Hrs

Soil bed preparation, Potting, Repotting, Weeding, Pruning, Topiary. 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.



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Reference

- Adams CR, Bamford KM, Early MP. Principles of horticulture. Routledge; 2012.
- · Peter KV. Basics of horticulture. New India Publishing; 2009 Feb 5.
- Loreti F, Morini S. Propagation techniques. InThe Peach: Botany, production and uses 2008 (pp. 221-243). Wallingford UK: CABI.
- Randhawa GS, Mukhopadhyay A. Floriculture in India. Allied Publishers; 1986.
- Larson RA, editor. Introduction to floriculture. Elsevier; 2012 Dec 2.



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EVALUATION SCHEME

The evaluation is based on the predetermined transparent system involving written test, 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
>=90	A+
80-89	A
70-79	B+
60-69	В
50-59 40-49	C+
40-49	C
30-39	D
>30	Failed



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CERTIFICATE COURSE IN GARDENING TECHNIQUES

LIST OF STUDENTS ENROLLED WITH SIGNATURE

. No	Name of the Student	Class	Signature
1.	FATHIMA	II B.Sc., Botany	gather)
2.	JUMANA NASREEN	II B.Sc., Botany	Manuel
3.	RASHIDA P P	II B.Sc., Botany	(Page)
4.	SHABANA K	II B.Sc., Botany	chend
5.	MOHAMMED RAMEES JAMAN K P	II B.Sc., Botany	To good
6.	MUHAMMED FAHAD	II B.Sc., Botany	State:
7.	ANAGHA C	II B.Sc., Botany	Dostor.
8.	ARYA S	II B.Sc., Botany	No.
9.	MOHAMED SAFWAN P K	II B.Sc., Botany	Sylvano
10.	ALEENA K	II B.Sc., Botany	Ade
11.	ARSHA C	II B.Sc., Botany	Buler
12.	FAGHIMA V G	II B.Sc., Botany	Hotel
13.	FATHIMA A V	II B.Sc., Botany	Jally 100a
14.	FATHIMA RUSAILA	II B.Sc., Botany	Poseta
15.	GOPIKA P	II B.Sc., Botany	(antilkt).
16.	JASEERA V A	II B.Sc., Botany	auril
17.	RAMSEENA K P	II B.Sc., Botany	Stank a
18.	RIFA N	II B.Sc., Botany	BE
19.	SAFA THASNEEM	II B.Sc., Botany	1 STATE



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20.	JISHNU GOPAN K N	II B.Sc., Botany	July
21.	FINSHA M	II B.Sc., Botany	XX 1
22.	FAHMIDHA T P	II B.Sc., Botany	
23.	FABNA	I B.Sc., Botany	Angat
24.	FARHANA T V	I B.Sc., Botany	VOTO CO
25.	FARSANA T V	I B.Sc., Botany	Admin's
26.	RASMIYA M V	I B.Sc., Botany	34
27.	SHAFANA C V	I B.Sc., Botany	Sp.
28.	SHAHLA SHIRIN	I B.Sc., Botany	6323
29.	KAVYA K	I B.Sc., Botany	dough
30.	PAVITHRA P R	I B.Sc., Botany	Quid
31.	RASIYA SULTHANA P K	I B.Sc., Botany	200
32.	ADHITHYAN P	I B.Sc., Botany	- fabre
33.	ANSHADHALI C H	I B.Sc., Botany	A=
34.	SHAHAL K P	I B.Sc., Botany	2
35.	VAISHAKH M	I B.Sc., Botany	Walt
36.	A R SWATHI	I B.Sc., Botany	Olan.
37.	ANJANA P V	I B.Sc., Botany	Antoma
38.	APARNA K V	I B.Sc., Botany	OKOMAN.
39.	GILSHA P	I B.Sc., Botany	aut a
40.	HANNA A N	I B.Sc., Botany	Herse
41.	NEHA KRISHNA M	I B.Sc., Botany	Jak.
42.	RAMEESA PARVIN	I B.Sc., Botany	Queless.
43.	RINSI FABI K P	I B.Sc., Botany	(D)
44.	RIZA MEHRIN T	I B.Sc., Botany	ly
45.	SHIFA MARIYAM N P	I B.Sc., Botany	Son.
16.	SHIFNA FARHAN B M	I B.Sc., Botany	S
47.	SHIMA SHEBIN M V	I B.Sc., Botany	X. A.

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48.	SIGHA V P	I B.Sc., Botany	egla
49.	ASWIN DEV PV	I B.Sc., Botany	Alle
50.	YATHINDRAN P V	I B.Sc., Botany	200
51.	MARVAN	III B.Sc., Botany	March.
52.	ARYA AMMATTILAPADIKKAL	III B.Sc., Botany	Hor
53.	FATHIMA SHIFMINE R	III B.Sc., Botany	SCO
54.	RINSHITHA VV	III B.Sc., Botany	redece-
55.	SEHANA SHERIN TP	III B.Sc., Botany	sklen
56.	SUHANA PM	III B.Sc., Botany	Solar
57.	THESLEENA PK	III B.Sc., Botany	-the
58.	ADITHYA SUBRAMANIAN	III B.Sc., Botany	# This To
59.	ALIYA THASNIM	III B.Sc., Botany	Plan
60.	ARFIYA K	III B.Sc., Botany	Atre
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62.	FATHIMA C	III B.Sc., Botany	A
63.	HAJARA TP	III B.Sc., Botany	Majo.
64.	JAWHARA JEBIN P	III B.Sc., Botany	100
65.	KRISHNENDHU K	III B.Sc., Botany	ACO_
66.	RISWANA KS	III B.Sc., Botany	D
67.	RUSHDA	III B.Sc., Botany	& Model
68.	SARANYA PT	III B.Sc., Botany	Curs
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70.	THASNIYA P	III B.Sc., Botany	1
71.	MOHAMED SHIBAL VS	III B.Sc., Botany	0,-



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72.	ABHINANDH MP	III B.Sc., Botany	friench
73.	SELMAN FARIS PA	III B.Sc., Botany	0_
74.	YADHUKRISHNA M	III B.Sc., Botany	Coar.



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MES PONNANI COLLEGE

DEPARTMENT OF BOTANY

CERTIFICATE COURSE 2023-24

GARDENING TECHNIQUES

SUMMARY REPORT

Summary

The Department of Botany has been conducted an online certificate course for the academic year 2023-2024 on Gardening Techniques The syllabus includes six modules covering basics of horticulture practices. Aim of the training program is to expertise students in horticulture techniques. Dr. Jyothi PV, Associate Professor and Head, Department of Botany was the coordinator Demonstration classes were conducted for certain propagation techniques like cutting, grafting and layering. Examinations were conducted and certificates were awarded to the students who concluded the course. Seventy four students were benefitted with the program.

HOD 140/1

Course Co-ordinator

CERTIFICATE COURSE



DEPARTMENT OF CHEMISTRY M.E.S. COLLEGE PONNANI





DEPARTMENT OF CHEMISTRY MES PONNANI COLLEGE

[Govt. Aided & Affiliated to the University of Calicut Re-accredited by NAAC with A+ grade CGPA 3.46] Ponnani South P. O., Malappuram Dist., Kerala, India - 679586 Phone: 0494 – 2666077

From,

Smt. Soumya C.C.,

Head of Department,

Department of Chemistry,

MES Ponnani College

To.

The Principal,

MES Ponnani College

Dear Sir,

Subject: Request for Approval of Certificate Course

I am writing to inform you that the Department of Chemistry is preparing to launch a certificate course titled "Chemical Products in Life (MPCCCHCPL)". The course is designed to span 30 hours and will cater to undergraduate students.

We seek your approval to proceed with this initiative.

Thank you.

Yours sincerely,

Smt. Soumya C.C.,

Department of Chemistry,

HOAD OF THE BESTARTMENT DEPARTMENT OF LIEMISTRY MES. PONNANI COLLEGE

Place: Ponnani

Date: 03/01/2024

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DEPARTMENT OF CHEMISTRY MES PONNANI COLLEGE

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From.

Smt. Soumya C.C.,

Head of Department,

Department of Chemistry,

MES Ponnani College

To.

The Principal,

MES Ponnani College

Dear Sir,

Sub: Request for Approval of Board of Studies for Certificate Course 2023-24

I write to formally seek your esteemed approval for the constitution of the Board of Studies for the Certificate Course entitled "Chemical Products in Life (MPCCCHCPL)" to be conducted by the Department of Chemistry during the academic year 2023-24.

The proposed composition of the Board of Studies is as follows:

- Smt. Soumya C.C. (Head of the Department and Chairman)
- Dr. Vandana P.V., Assistant Professor, M.E.S. Keveeyam College, Valanchery (Subject Expert from External Institution)
- Dr. Suresh V. Nampoothiri, Sree Krishna College, Guruvayur (Subject Expert from External Institution)
- 4. Dr. Yusufali C. (Course Co-ordinator)
- 5. Smt. Minshiya P. (Assistant Professor, Department of Chemistry)
- 6. Dr. Umesh C.V. (Assistant Professor, Department of Chemistry)
- 7. Smt. Jaseela P.V. (Assistant Professor, Department of Chemistry)
- 8. Smt. Jasna K. (Assistant Professor, Department of Chemistry)

DEMARTMENT OF CHEMISTRY

I respectfully request your prompt attention to facilitate the establishment of the Board of Studies with these distinguished members.

Thank you for your unwavering support and guidance

Yours faithfully,

Smt. Soumya C.C.,

Head, Department of English

HEAD OF THE DEPARTMENT DEPARTMENT OF CHEMISTRY MES. PONNANI COLLEGE

08/01/2024

BE



DEPARTMENT OF CHEMISTRY MES PONNANI COLLEGE

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MINUTES OF BOARD OF STUDIES MEETING

Venue: Room No. 113

Date: 12/01/2024

Agenda: Discussion and Approval of the Syllabus of the Certificate Course 2023-24

Members Present:

1. Smt. Soumya C.C. (Head of the Department and Chairman)

2. Dr. Vandana P.V., Assistant Professor, M.E.S. Keveeyam College, Valanchery (Subject Expert from External Institution)

3. Dr. Suresh V. Nampoothiri, Sree Krishna College, Guruvayur (Subject Expert from External Institution)

4. Dr. Yusufali C. (Course Co-ordinator)

5. Smt. Minshiya P. (Assistant Professor, Department of Chemistry)

6. Dr. Umesh C.V. (Assistant Professor, Department of Chemistry)

7. Smt. Jaseela P.V. (Assistant Professor, Department of Chemistry)

8. Smt. Jasna K. (Assistant Professor, Department of Chemistry)

Proceedings:

The meeting was convened at the Department of Chemistry to deliberate upon and approve the syllabus for the Certificate Course 2023-24.

Discussion:

The Board of Studies engaged in extensive deliberations on the proposed syllabus.

HEAD OF THE DEPARTMENT OF CHESTRY
MES. PONNANI POLICE

Decision:

After careful consideration, the Board of Studies arrived at the following decision:

- Discussion on Syllabus: The members thoroughly reviewed and discussed each component of the syllabus for the Certificate Course 2023-24.
- Approval of Syllabus: It was resolved that the proposed syllabus meets the academic standards and requirements. The Board of Studies unanimously approved the syllabus as presented.

Action to be Taken:

The approved syllabus will be submitted to the appropriate authorities for further action and implementation.

HEAD OF THE DEPARTMENT DEPARTMENT OF CHEMISTRY MES. PONNANI COLLEGE



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CERTIFICATE COURSE ON "CHEMISTRY IN DAILY LIFE" CURRICULUM

I. Objective

It provides a knowledge of chemical products and the chemistry behind them.

II. Courses Offered

Chemical products in life

III. Eligibility criteria

Those students who passed Plus Two Science / Commerce/ Humanities are eligible for admission to this course.

II The scheme of examination

The course has duration of 30 hours in online mode. The evaluation scheme 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%

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
В	Very good	80 Above
C	Good	60 Above
D	Average	50 Above
F	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 course for a pass.

Syllabus

Name of the	Course : Chemical Products in Life		
Course Code			
Duration: 3	U III U	num Marks: 100	
Teaching Sc	ilenie .	nation Scheme:	
Theory: 30 H	EL O	al Examination : 30 Marks	
Practical:	10.7557100-0	Test : 20 Marks	
Credit: 4	2969 (1000 200	nr/Viva : 5 Marks	
		ance : 5 Marks	
	Extern	al Examination : 70 Marks	
Aim			
ag	udents will get an exposure on the impo- riculture and their relevance	rtance of chemicals in drugs, food	ls and
Objectives -	The student will be able to		
1. Ur	nderstand the various chemical products		Hours
	Drugs from Natural Products Dru	c)	Hours
Unit I	psychedelic drugs, Neurologically A Drug: Chemical name, generic na examples	es, antibiotics, antiseptics, tics, antidepressants and ctive Drugs. Pharmaceuticals: name and trade names with	8
Unit II	Foods Chemicals in Food, Food Pre Common Adulterants in Different Fo foods, instant foods, dehydrated Harmful effects of modern food habit	ods, health effects of fast foods and junk foods,	7
Unit III	Cleansing Agents Soaps, Hard and so Cleaning action of soaps and deterg agents in housekeeping. Acid Cleane cleaners, Disinfectants, Bleaches, Pol	ft soaps, Synthetic Detergents, ents. Different kinds cleaning ers, Alkaline Cleaners, Solvent ishes.	7
Unit IV	Agriculture Fertilizers: Essential n Natural and synthetic fertilizers Nitro fertilizers (examples) Impact of ex environment-Bio fertilizers. Pesticide herbicides, rodenticides. Lenovo	utrients for plants PK value genous, phosphatic and potash accessive use of fertilizers on	8
	TOTAL		30

HEAD F THOMARTMENT DEPARTMENT F CHEMISTRI DEPARTMENT OLLEGE

SUGGESTED READINGS:

References

- 1. Gurdeep R. Chatwal, Synthetic Drugs, Himalaya Publishing House, Bombay, 1995.
- Jayashree Ghosh, A Textbook of Pharmaceutical Chemistry, 3rd Edn., S. Chand and Company Ltd., New Delhi, 1999.
- B. Sivasankar, Food processing and preservation, Prentice Hall of India Pvt. Ltd., New Delhi, 2002.
- Srinivasan Damodaran, Kirk L. Parkin, Owen R. Fennema, Food Chemistry, 4th Edn., CRC Press, New York, 2007.

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

DEPARTMENT OF CHEMISTRY

2023-2024

CERTIFICATE COURSE ON

CHEMICAL PRODUCTS IN LIFE

Duration: 30 Hours

Start Date: 30th January 2024

COURSE CO-ORDINATOR

Dr. Yusufali C. Asst, Professor Dept. of Chemistry 9605534955 <u>H.O.D.</u> Mrs. SOUMYA C.C 7012527923





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CERTIFICATE COURSE ON "CHEMISTRY IN DAILY LIFE"

LIST OF STUDENTS ENROLLED WITH SIGNATURE

S. No	Name of the Student	Class	Signature
1	AFEEFA T P	I BSc Chemistry	Mens
2	AMEENA K P	I BSc Chemistry	America
3	ASNA T A	I BSc Chemistry	the
4	AYSHA RIDHA. O.P	I BSc Chemistry	Domelan
5	MINHA SHERIN.T	I BSc Chemistry	#Di
6	NAVAL SERBIN	I BSc Chemistry	Delingt
7	RASHA JABIN	I BSc Chemistry	and-
8	SANA IQBAL K	I BSc Chemistry	line
9	SHANIBA. M	I BSc Chemistry	TOOK.
10	SHYMA UMMU SAVBAN. T.C	I BSc Chemistry	SVM
11	THESNI.C.C	I BSc Chemistry	OND-1
12	LUQMANUL HAAKIM C V	I BSc Chemistry	1 Den
13	MOHAMMED ARSHAD, C.K	I BSc Chemistry	Australia
14	AYISHA ALIYA	I BSc Chemistry	(VxX)
15	FARHANA SUMAYYA K V	I BSc Chemistry	1 A
16	FATHIMA SAFA V P	I BSc Chemistry	The state of the s
17	HIBA	I BSc Chemistry	No.
18	JASNA YASMIN T K	I BSc Chemistry	TYM
19	NIHALA SHIRIN K,V	I BSc Chemistry	KW
20	NIVEDITHA T	I BSc Chemistry	1200
21	UNNIMAYA M	I BSc Chemistry	1 Drawn
22	NAYEEMUDHEEN.T	I BSc Chemistry	N Constant
23	ADHILA RAFKHAN P K	I BSc Chemistry	Adria
24	ADITHYA M B	I BSc Chemistry	THO



25	AKHILA, P	I BSc Chemistry	No. India.
26	AMRUTHA, C.	I BSc Chemistry	I Wall
27	ARSHA.S.P.	I BSc Chemistry	CO
28	DRISYA P	I BSc Chemistry	(Din:
29	FATHIMA HANA P	I BSc Chemistry	That
30	HIBA FEMIN C	I BSc Chemistry	JAM.
31	MISNA P K	I BSc Chemistry	way.
32	NAHALA AZMLM.K	I BSc Chemistry	The state of
33	RIFA U	I BSc Chemistry	DA CO
34	RINSHIDA FEVI N T	I BSc Chemistry	Commen.
35	RUKIYABI. P.K	I BSc Chemistry	A
36	SANA P	I BSc Chemistry	The state of the s
37			8000
38	SHAHANA FEMIN.TV	I BSc Chemistry	malma
39	SHAHMA K	I BSc Chemistry	Femin
	SHAMILA SHANU	I BSc Chemistry	SHW
40	SIKHA K	I BSc Chemistry	Such
41	Sunitha K.T	I BSc Chemistry	Sillen
42	VRINDA E	I BSc Chemistry	YENA
43	MUHAMMED SAHAL, P	I BSc Chemistry	Sales
44	FIDHA NASREEN. K.V	I BSc Chemistry	Fidher
45	ADHILA K M	II BSc Chemistry	Athine
46	ASNA T P	II BSc Chemistry	18al
47	AYSHA SHERIN A A	II BSc Chemistry	AAL
48	FATHIMA NAZLI THARAYANKANDATHIL	II BSc Chemistry	Busile
49	FATHIMA RIFA K M	II BSc Chemistry	0
50	FIDHA RASHEED	II BSc Chemistry	The state of the s
51	HALEENA E	II BSc Chemistry	Policy
52	HIBA FATHIMA	II BSc Chemistry	HADA
53	JASLA SHANA	II BSc Chemistry	Alexander
54	MUHASINA C P	II BSc Chemistry	NOT
55	MUHFILA RISLI K P	II BSc Chemistry	Land
56	SHAFNA SHARIN P P	II BSc Chemistry	Shun
57	HANLALA M K	II BSc Chemistry	I. D. A



58	MUHAMMED BASITH PI	II BSc Chemistry	Someth.
59	NIBRASUL HAKK K V	II BSc Chemistry	War.
60	AYISHA SAFWA C C	II BSc Chemistry	And
61	FATHIMA MINSHA M	II BSc Chemistry	in the
62	MURSHIDA K	II BSc Chemistry	Auman
63	SADINA R	II BSc Chemistry	adi-
64	ADITHYA V ANILKUMAR	II BSc Chemistry	Dawling
65	AKHILA V P	II BSc Chemistry	Akm
66	AMRUTHA C P	II BSc Chemistry	1000
67	ANSHIDHA PARVIN	II BSc Chemistry	Panin
68	APARNA T	II BSc Chemistry	Con
69	ATHULYA M P	II BSc Chemistry	A
70	CHANDANA K.	II BSc Chemistry	hadas
71	FASEEHA P	II BSc Chemistry	asche
72	FATHIMA SENIYA	II BSc Chemistry	Senet
73	HAFEEDA SHERIN O P	II BSc Chemistry	VIVI
74	LAKSHMI M P	II BSc Chemistry	Nashat
75	NASARIN M	II BSc Chemistry	AW
76	NASNI V	II BSc Chemistry	Masna
77	NIDHA K V	II BSc Chemistry	None
78	NIDHA USMAN	II BSc Chemistry	restu
79	SHIDA MEHR.K	II BSc Chemistry	wsm)
80	SWATHY VT	II BSc Chemistry	A.
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84	PRANAV DAS N P	II BSc Chemistry	12
85	RAHULDEV N T	II BSc Chemistry	Down
86	SHIFANA THESNI PP	II BSc Chemistry	140
87	RAMEESHA NASRIN V M	II BSc Chemistry	Vmn)



ATTENDANCE SHEET

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Dr.YUSUFALI C Assistant Professor Dept. of Chemistry M.E.S Ponnani College Ponnani South - 679 586

HEAD OF THE DEPARTMENT OF CHEMSTRY
MES. PONNANI COLLEGE

ATTENDANCE SHEET

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29
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34 RINSHIDA FEVI N T	Rose	Box	200	2	2~	Re	2	8	8	Rose	24	Re	22	2	Be	2	Rec	Do	Bar	Bar	Por.	Rose	2-	Ber V	200 (200	Qua-	Pa B	0-
35 RUKIYABI. P.K	A	0	A	B	A	R	De	A	A	A	A	A	0	A	A	A	A	A	A	A	A	A	A	A	A	A	A	AA	A

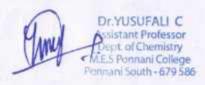






ATTENDANCE SHEET

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 1.1	Day 12	Day 13	Day 14	Day 15	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27		Day 29	De. 26
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HEAD OF THE DEPARTS
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MES. PONNANI POLICES



DEPARTMENT OF CHEMISTRY MES PONNANI COLLEGE

[Govt. Aided & Affiliated to the University of Calicut Re-accredited by NAAC with A+ grade CGPA 3.46] Ponnani South P. O., Malappuram Dist., Kerala, India - 679586 Phone: 0494 – 2666077

Summary Report of Certificate Course for the Academic Year 2023-24

The Department of Chemistry had conducted certificate course on "Chemical Products in Life" in the Academic year 2023-24. The course had been offered for U G students. Dr. Yusufali C., co-ordinated the course. The course has duration of 30 hours. The evaluation scheme for each course shall contain two parts (a) Internal evaluation and (b) external evaluation. Total 87 students have been enrolled and all the students are successfully completed the Course. Certificates are issued to the students who were successfully completed the course.

DEPARTMENT OF CHEMISTRY
MES. PONNANI COLLEGE



Department of Commerce and Management Studies

(Govt. Aided & Affiliated to University of Calicut)

e-mail: commerce.mes@gmail.com Ponnani South P.O, Malappuram, Kerala, 679586 Ph: 0494-266077 www.mesponnanicollege.org e-mail: commerce.mes@gmail.com

From

Dr. Siji Verghese V Head of Department Department of Commerce & Management Studies MES Ponnani College

To

The Principal
MES Ponnani College

Dear Sir,

Subject: Request for Approval of Certificate Course

I am writing to inform you that the Department of Commerce & Management Studies is preparing to launch a certificate course titled "Excel Mastery for Business Analysis" (CC01EMBA/MGT/23). The course is designed to span 30 hours and will cater to both undergraduate and postgraduate students.

We seek your approval to proceed with this initiative.

Thank you.

Yours sincerely,

Dr. Siji Verghese V

Head, Department of Commerce & Management Studies

Place: Ponnani Date: 23/07/2023

Dr. SIJI VERGHESE V.

M.Com, B.Ec. NE (& Ph.D. Assistant Professor & Head

Dept. of Commerce & Management Studies
MES Ponnani College

Ponnani Sorth - P.O., Malappuram Keraia - 679386, India

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Department of Commerce and Management Studies

(Govt. Aided & Affiliated to University of Calicut)

e-mail: commerce.mes@gmail.com Ponnani South P.O, Malappuram, Kerala, 679586 Ph: 0494-266077 www.mesponnanicollege.org e-mail: commerce.mes@gmail.com

From,

Dr. Siji Verghese V Head of Department Department of Commerce & Management Studies MES Ponnani College

To,

The Principal
MES Ponnani College

Dear Sir,

Sub: Request for Approval of Board of Studies for Certificate Course 2023-24

I write to formally seek your esteemed approval for the constitution of the Board of Studies for the Certificate Course entitled "Excel Mastery for Business Analysis" (CC01EMBA), to be conducted by the Department of Department of Commerce & Management Studies during the academic year 2023-24.

The proposed composition of the Board of Studies is as follows:

- Dr. Siji Verghese V (Head of the Department and Chairman)
- Dr. Sijrajudheen KC, Asst Professor, PG & Research Department of Commerce, MES Mampad
 College
- Mr. Munivar Fayarus MA, Asst Professor, PG & Research Department of Commerce, MES Mampad College
- Mr. Rafeeque MT (Course o-ordinator)
- Mr. Jahfar A, Asst Professor, Department of Commerce, MES Ponnani College
- Mr. Nazar K, Asst Professor, Department of Commerce, MES Ponnani College
 I request your prompt attention to facilitate the establishment of the Board of Studies with these distinguished members.

Thank you for your unwavering support and guidance

Yours faithfully,

Dr. Siji Verghese V

Head, Department of Commerce & Management Studies !! VERGHESE V.

07/08/2023

M.Com, B.Ed. NET & Ph.D.
Assistant Professor 5, France
Dept. of Commerce & Management Studies

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Kerala - 67/1556, ind.



Department of Commerce and Management Studies

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MINUTES OF BOARD OF STUDIES MEETING

Venue: Department of Commerce & Management Studies

Date: 24/08/2023

Agenda: Discussion and Approval of the Syllabus of the Certificate Course 2023-24

Members Present:

- 1. Dr. Siji Verghese V (Head of the Department and Chairman)
- Dr. Sijrajudheen KC, Asst Professor, PG & Research Department of Commerce, MES Mampad 2. College
- Mr. Munivar Fayarus MA, Asst Professor, PG & Research Department of Commerce, MES 3. Mampad College
- 4. Mr. Rafeeque MT (Course co-ordinator)
- Mr. Jahfar A, Asst Professor, Department of Commerce, MES Ponnani College 5.
- Mr. Nazar K, Asst Professor, Department of Commerce, MES Ponnani College 6. Proceedings:

The meeting was convened at the Department of Commerce & Management Studies to deliberate upon and approve the syllabus for the Certificate Course 2023-24.

Discussion:

The Board of Studies engaged in extensive deliberations on the proposed syllabus.

Decision:

After careful consideration, the Board of Studies arrived at the following decision:

- 1. Discussion on Syllabus: The members thoroughly reviewed and discussed each component of the syllabus for the Certificate Course 2023-24.
- 2. Approval of Syllabus: It was resolved that the proposed syllabus meets the academic standards and requirements. The Board of Studies unanimously approved the syllabus as presented.

Action to be Taken

The approved syllabus will be submitted to the appropriate authorities for further action and implementation.

> Dr. SIJI VERGHESE M.Com, B.Ed, NET & Ph.D Assistant Professor & Head Dept. of Commerce & Management Studie MES Ponnani College Ponnani South - P.O., Malanpuram

Kerala - 679586, India



Department of Commerce and Management Studies

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CURRICULUM

CERTIFICATE COURSE IN EXCEL MASTERY FOR BUSINESS ANALYSIS

Eligibility criteria: 1.

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

2. Course Duration:

The course has duration of 30 hours. The classes are from 3.30 p.m to 4.30 p.m on regular working days and 9.30 a.m to 1.30 p.m on holidays.

3. 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.

Course Co-ordinator of the programme:

The programme Coordinator is Rafeeque MT, Assistant Professor, PG Department of Commerce and Management Studies.

Course Outcome

Students will learn to efficiently organize, analyze, and visualize data using advanced Excel functions, charts, and pivot tables for effective data-driven decision-making. Students will gain a comprehensive Excel skill set that enhances employability, providing a competitive edge in various industries and roles.

6. Course Participants:

BBA and B.Com students

Dr. SIJI VERGHESE

M.Com, B.Ed, NET & Assistant Professo

Dept. of Commerce & M nent Studies MES Ponnage ge tochani South

Ponnani South - F

Kerala - 87



Department of Commerce and Management Studies (Govt. Aided & Affiliated to University of Calicut)

e-mail: commerce.mes@gmail.com Ponnani South P.O, Malappuram, Kerala, 679586 Ph: 0494-266077 www.mesponnanicollege.org e-mail: commerce.mes@gmail.com

CERTIFICATE COURSE IN EXCEL MASTERY FOR BUSINESS ANALYSIS Course Summary

Excel is crucial as it provides a foundational skill set that significantly enhances their analytical capabilities and marketability. Excel proficiency enables students to efficiently manage and analyze complex datasets, create sophisticated financial models, and produce compelling visualizations and reports.

Certificate course in "Excel Mastery for Business Analysis" specially designed by Department of Commerce and Management Studies for BBA and B.Com students to enhance their skills in various mathematical, logical and database functions and equip them in business data analysis. The course is designed with 30 hours which includes theory, practical sessions and hands on training sessions. Student can understand the various tools used in excel for business analysis and strategic decision making. Mastery of Excel not only equips students with practical tools for academic projects but also offers a competitive edge in the job market, preparing them for successful careers in various industries.

Excel skills are essential for academic success and future career prospects. Excel allows students to organize and analyze data for assignments, research projects, and presentations, making complex data sets easier to interpret and understand. Additionally, having Excel proficiency on their resume can give students a competitive edge in internships and job applications, as employers often seek candidates who can efficiently manage and analyze data.

Dr. SIJI VERGHESE V.

M.Com, B.Ed. NET & Ph.D.

Assistant Professor & Hend
Dept. of Commerce & Management Model

MES Ponnani College

Ponnani South - P.O., Malappuram

Kerala - 679586, India

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Department of Commerce and Management Studies

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CERTIFICATE COURSE IN EXCEL MASTERY FOR BUSINESS ANALYSIS MESPNIBB001 - EXCEL MASTERY FOR BUSINESS ANALYSIS

Duration: 30 Hours

Total Marks: 100

Objectives:

- To help the students to understand the importance of business analysis in a business organization
- To enable the students to use various business analysis tools in excel
- To equip the students on evaluation financial models, perform scenario analysis, and create forecasts to support budgeting, planning, and financial decision-making.

Module I: Introduction to Business Analysis

Definition and Scope of Business Analysis – Purpose - Roles and responsibilities of a Business Analyst (BA) - Importance of business analysis in organization - Functions and contributions of a BA – Impacts of business analysis in decision making.

5 Hours

Module II: Foundations of Excel for Business Analysis

Introduction to Excel Interface: Navigating the Excel workspace - Understanding ribbons, tabs, and menus - Customizing the Quick Access Toolbar - Basic Data Entry and Formatting: Entering and editing data - Formatting cells (numbers, dates, text) - Using cell styles and themes - Formulas and Functions: Introduction to formulas (e.g., SUM, AVERAGE, COUNT) - Basic functions (e.g., IF, VLOOKUP, HLOOKUP) - Relative vs. absolute references- Data Organization and Management: Sorting and filtering data - Using data validation - Basic table management - Advanced Formulas and Functions: Nested IF statements and logical functions (AND, OR) - Using PivotTables and PivotCharts - Charts and Graphs: Creating and customizing charts (e.g., bar, line, pie) - Understanding chart elements (titles, labels, legends) - Choosing the right chart for your data

18 Hours

Module 3: Applying Excel Skills to Business Analysis

Financial Analysis and Modeling: Building financial models (e.g., budget forecasts, financial statements) - Using financial functions (e.g., NPV, IRR) - Sensitivity analysis and scenario planning - Automating Tasks with Macros: Introduction to recording and running macros - Data Security and Collaboration: Protecting worksheets and workbooks

Reference Books:

- 1. Ron Mansfield, Working in Microsoft office, Tata Me Graw Mill
- 2. Ed Bott, woody Leonard, Using Microsoft Office 2007, Pearson Education (2007)
- 3. R.K.Taxali, PC Software Made Simple.
- 4. KC Chang, Excel for Business Analysis
- 5. Wayne L. Winston, Microsoft Excel Data Analysis and Business Modeling

7 Hours

Dr. SIJI VERGAESE V. M.Com, B.E., UE1/8 Philippeni Spar Assistan, Phile son & Higad

Assistan, Mile son's Head Dept. of Commerce & Management Studies MES Ponnary Curege

Ponnani South - P.O., Malappuram

Kerala - 679586, India



MES PONNANI COLLEGE DEPARTMENT OF COMMERCE & MANAGEMENT STUDIES



Certificate Course on:

EXCEL MASTERY FOR BUSINESS ANALYSIS

About the Course

Course specially designed by Department of Commerce and Management Studies for BBA and B.Com students to enhance their skills in various mathematical, logical and database functions and equip them in business data analysis

Course Period: 18 Sept, 2023 to 15 Dec, 2023

Total: 30 Hours Time: 3.30 pm to 4.30 pm (Working Days) 9.30 am to 3.30 pm (Holidays)

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





Co-ordinator

Rafeeque MT Asst Professor Department of Commerce

Dept. of Commerce & Management Studies
MES Poppani Collector

Ponnani South R.O., Malapperam

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Dr. SIJI VERGUESE V.

M.Com, e.cd, NET & Ph.D. Assistant Professor & Head

Dept. of Commerce & Management Stug MES Pomani Curinge

Ponneni south - P.O., Malappuram Kerela - 679558, India



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Dr. SIJI VERGHESE V.

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Dept. of Commerce & Management Study

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Dr. S111 VERGHESE

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Dr. SIJI VERGHESE V.
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Department of Commerce and Management Studies (Govt. Aided & Affiliated to University of Calicut)

e-mail: commerce.mes@gmail.com Ponnani South P.O, Malappuram, Kerala, 679586 Ph: 0494-266077 www.mesponnanicollege.org e-mail: commerce.mes@gmail.com

CERTIFICATE COURSE IN EXCEL MASTERY FOR BUSINESS ANALYSIS REPORT

Certificate Course in Excel Master for Business Analysis was started on 18th September, 2023 with the inaugural speech of Dr. Siji Verghese V. Total 45 students were enrolled in this course and all of them were passed the examination with good grade. Mr. Rafeeque MT, Assistant Professor, Department of Commerce was the Coordinator and Resource person of this course. Total 30 hours were taken for completing this course. The course started on 18th September, 2023 and completed on 15th December, 2023. The course includes both theory, practical and hands on training sessions. The class was conducted at Language Lab of our College. 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 to the students because mastery of excel not only equips students with practical tools for academic projects but also offers a competitive edge in the job market, preparing them for successful careers in various industries.

Dr. SIJI VERGHESE V.

M.Com, B.Es. NET & Ph.D. Assistant Professor & Head

Dept. of Commerce & Management Studies

MES Ponnani College Ponnani South - P.O., Matappuram Seastinent of

Kerala - 679588, India

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[Govt. Aided & Affiliated to the University of Calicut Re-accredited by NAAC with A+ Grade CGPA 3.46]

Ponnani South P.O., Malappuram Dist, Kerala, India - 679586 Phone: 0494-2666077 (Off)

Order No. Acs/MESPNI/CC/2023-2024/05

10-08-2023 Date :....

Ref:

Proceedings of the Principal, MES Ponnani College

(Present: Dr. Ameera V. U.)

Ref:

(1) Request for the Approval of Certificate Course, dated 23-07-2023

(2) Request for the Approval of Board of Studies for the Certificate Course, dated 28-07-2023

ORDER

As per reference (1), a request was received from the Head, Department of Computer Science to initiate a Certificate Course titled Python- Data Analysts. The Head of the Department has also recommended a panel of academicians to be included in the Board of Studies (reference 2).

The Department of Computer Science is hereby granted permission to conduct the Certificate Course Python- Data Analysts for undergraduate students of the college.

The Board of Studies for the aforementioned course is constituted with the following members:

- 1. Ms Nusrath K (Head of the Department and Chairman)
- Mr Shameem Akthar , Assistant Professor, Malabar College, Vengara (Subject Expert from External Institution)
- Ms Ameera Mol , Assistant Professor, Govt. Victoria College, Palakkad (Subject Expert from External Institution)
- Ms Saleema K, Assistant Professor, Department of Computer Science, MES Ponnani College, Ponnani (Course Co-ordinator)
- Ms Aneeshya C A, Assistant Professor, Department of Computer Science, MES Ponnani College, Ponnani
- 6. Mr Rameez Ali P, Assistant Professor, Department of Computer Science, MES Ponnani College, Ponnani

This order is issued accordingly.

Dr. Ameera V.U.

Principal

Copy to;

1. HoD, Department of Computer Science

2. File

E-mail: principal.mesponnani@gmail.com website: www.mesponnanicollege.org

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MES PONNANI COLLEGE

Department of Computer Science (Govt. Aided & Affiliated to University of Calicut) e-mail: computers.mes@gmail.com Ponnani South P.O, Malappuram, Kerala, 679586 Ph: Q494-266077 www.mesponnanicollege.org

From

Ms Nusrath K Head of Department Department of Computer Science MES Ponnani College

To

The Principal MES Ponnani College

Dear Sir,

Subject: Request for Approval of Certificate Course

I am writing to inform you that the Department of Computer Science is preparing to launch a certificate course titled "Python- Data Analysts" - CC/CS/23. The course is designed to span 30 hours and will cater to undergraduate students.

We seek your approval to proceed with this initiative.

Thank you.

Yours sincerely,

Ms. Nusrath K

Head.

Department of Computer Science mani College Ponnani South P.O. 585

Place: Ponnani

Date: 23/07/2023





Department of Computer Science (Govt. Aided & Affiliated to University of Calicut) e-mail: computers.mes@gmail.com Ponnani South P.O, Malappuram, Kerala, 679586 Ph: 0494-266077 www.mesponnanicollege.org

From,

Ms. Nusrath K Head of Department Department of Computer Science MES Ponnani College

To.

The Principal MES Ponnani College

Dear Sir,

Sub: Request for Approval of Board of Studies for Certificate Course 2023-24

I write to formally seek your esteemed approval for the constitution of the Board of Studies for the Certificate Course entitled "Python- Data Analysts" - CC/CS/23, to be conducted by the Department of Computer Science during the academic year 2023-24.

The proposed composition of the Board of Studies is as follows:

- 1. Ms Nusrath K (Head of the Department and Chairman)
- Mr Shameem Akthar, Assistant Professor, Malabar College, Vengara (Subject Expert from External Institution)
- Ms Ameera Mol , Assistant Professor, Govt. Victoria College, Palakkad (Subject Expert from External Institution)
- 4. Ms Saleema K, Assistant Professor, Department of Computer Science, MES Ponnani College, Ponnani (Course Co-ordinator)
- 5. Ms Aneeshya C A, Assistant Professor, Department of Computer Science, MES Ponnani College, Ponnani
- 6. Mr Rameez Ali P, Assistant Professor, Department of Computer Science, MES Ponnani College, Ponnani

I request your prompt attention to facilitate the establishment of the Board of Studies with these distinguished members.

Thank you for your unwavering support and guidance

Yours faithfully,

Ms Nusrath K

Head, Department of Computer Science Computer Science

28/07/2023

Ponnani South P.O. Matappuram, Kerala-679 586





Department of Computer Science (Govt. Aided & Affiliated to University of Calicut) e-mail: computers.mes@gmail.com Ponnani South P.O, Malappuram, Kerala, 679586 Ph: 0494-266077 www.mesponnanicollege.org

MINUTES OF BOARD OF STUDIES MEETING

Venue: Department of Computer Science

Date: 15/08/2023

Agenda: Discussion and Approval of the Syllabus of the Certificate Course 2023-24

Members Present:

- 1. Ms Nusrath K (Head of the Department and Chairman)
- 2. Mr Shameem Akthar, Assistant Professor, Malabar College, Vengara (Subject Expert from External Institution)
- 3. Ms Ameera Mol , Assistant Professor, Govt. Victoria College, Palakkad (Subject Expert from External Institution)
- 4. Ms Saleema K, Assistant Professor, Department of Computer Science, MES Ponnani College, Ponnani (Course Co-ordinator)
- 5. Ms Aneeshya C A, Assistant Professor, Department of Computer Science, MES Ponnani College, Ponnani
- 6. Mr Rameez Ali P, Assistant Professor, Department of Computer Science, MES Ponnani College, Ponnani

Proceedings:

The meeting was convened at the Department of Computer Science to deliberate upon and approve the syllabus for the Certificate Course 2023-24.

Discussion:

The Board of Studies engaged in extensive deliberations on the proposed syllabus.

Decision:

After careful consideration, the Board of Studies arrived at the following decision:

 Discussion on Syllabus: The members thoroughly reviewed and discussed each component of the syllabus for the Certificate Course 2023-24.

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Approval of Syllabus: It was resolved that the proposed syllabus meets the academic standards and requirements. The Board of Studies unanimously approved the syllabus as presented.

Action to be Taken

The approved syllabus will be submitted to the appropriate authorities for further action and implementation.



NUSRATH K.
Assistant Professor & Head
Department of Computer Science
M.E.S. Ponnani College
Ponnani South P.O.
Malappuram. Kerala-879 588

DEPARTMENT OF COMPUTER SCIENCE

Certificate Courses 2023 - 24
Python- Data Analysts
Regulations, Eligibility, Scheme and Syllabus

I Objective

To equip students to

- 1. Master Python Fundamentals.
- 2. Advance skills in data manipulation and cleaning using Pandas.
- 3. Expertise in Data Visualization with Matplotlib
- 4. Application of Skills in Real-World Data Analysis

II Courses Offered

1. Python- Data Analysts

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.

IV The scheme of examination

The course has a duration of 30 hours with both theory and practical components. The evaluation scheme for the course shall contain two parts (a) Internal evaluation and (b) external evaluation by conducting examination (Quizzes and a final project) 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/Viv	5%
2	Attendence	5%
3	Test paper	20%



External evaluation:

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

Letter grade	Performance	Score Percentae
A	Excellent	90 Above
В	Very good	80 Above
С	Good	60 Above
D	Average	50 Above
Е	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 course for a pass.

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PONNAMI SOUTH PIN: -679 586

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



DEPARTMENT OF COMPUTER SCIENCE

Certificate Courses 2023 - 24 Python- Data Analysts Syllabus

Cou	rse Code :	
Dur	ation : 30 Hrs	Maximum Marks: 100
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Teac	ching Scheme :	Examination Scheme:
Theo	ory: 9 Hrs	Internal Examination: 30 Marks
Pract	ical : Python Lab	Class Test: 20 Marks
Cred	it : 4	Assignment/Seminar/Viva: 5 Marks
		Attendance : 5 Marks
Pract	ical: 21Hrs	External Examination: 70 Marks
Aim	1	
1.	To provide students with Python.	the fundamental skills required for data analysis using
2.	To develop the skill & kn	owledge of Python Programming and data analysis
3.	Students will understand	how to efficiently manipulate, analyze, and visualize data using such as Pandas, NumPy, and Matplotlib.
Objec	tives - The student will be al	
١,	Perform Complex Data Ana	lysis
ļ.	Create Data Visualization	s
	Read and Write Data Files, a	and Predict Trends
re-Re	equisite -	
	Basic Understanding of Pr	ogramming Concepts, Basic Knowledge of Statistics

Content (Name of Topic)

Hours (Theory + Practicals)



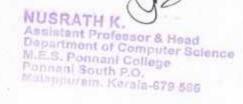
	Integration with Pandas (plotting from DataFrames, time series plotting) Final project (optional) (proposal, data collection, analysis, visualization, presentation)	
Module V	Data Visualization with Matplotlib: - Introduction to Matplotlib (what is Matplotlib, installing Matplotlib)- Basic plots (line plots, scatter plots, bar plots, histograms)- Customizing plots (titles, labels, legends, annotations)- Advanced plotting (subplots, plot styles, 3D plotting)- Integration with Bandas (plotting from Data Service)	6 Hours +
Module IV	Data Analysis with Pandas: Introduction to Pandas (what is Pandas, installing Pandas)- Data structures (Series, DataFrames)- DataFrame operations (creating, modifying, indexing, selecting data)- Data cleaning (handling missing values, data transformation)- Data aggregation and grouping (GroupBy operations, merging, joining DataFrames)- Time series analysis (working with dates and times, time series techniques)	6 Hours
Module III	Introduction to NumPy: (what is NumPy, installing NumPy)- Arrays and matrices (creating arrays, basic operations, indexing, slicing)- Mathematical functions (universal functions, array math, statistical functions)-Advanced operations (broadcasting, vectorization, working with multi-dimensional arrays)	6 Hours
Module II	Basic Data Analysis: - Introduction to data analysis- Data collection and cleaning (importing data, handling missing data, cleaning techniques)- Exploratory Data Analysis (EDA) (descriptive statistics, data visualization)- Data manipulation (filtering, sorting, grouping, aggregating data)	6 Hours
Module I	Introduction to Python Programming: Python environment setu- Python syntax and basic operations- Data types and variables- Control structures (if, elif, else; for, while loops)- Functions (defining, calling, lambda functions)- Basic input and output (reading/writing files)- Error handling (try, except blocks)	6 Hours

SUGGESTED READINGS:

1. "Python Data Science Handbook" by Jake VanderPlas

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2. "Python for Data Analysis" by Wes McKinney





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DEPARTMENT OF COMPUTER SCIENCE





USRATH K.
salistant Professor & Head
spartment of Computer Science
E. Formani College

Certificate Course 2023-24

PYTHON DATA ANALYSTS

Course Coordinator Ms. Saleema K Assistant Professor

17/08/2023

Course Duration 30 Hours



DEPARTMENT OF COMPUTER SCIENCE

Certificate Course on Python Data Analysts Enrollment List (2023-24)

SL.NO	ROLL NO	NAME	PROGRAMME	YEAR	SIGNATUŔI
1	9566	ASHIFASHREEN KOYA	BSc Computer Science	2nd Year	A.
2	9425	LENA M P	BSc Computer Science	2nd Year	GHE
3	9952	NAJA MUJEEB T	BSc Computer Science	2nd Year	caldina
4	9801	SUFINA SHERIN K	BSc Computer Science	2nd Year	NAGOR
5	9459	ALI ADHNAN	BSc Computer Science	2nd Year	Right
6	9848	JAZIM JAVAD P K	BSc Computer Science	2nd Year	Roya
7	9422	MOHAMMED RASHID T V	BSc Computer Science	2nd Year	KATINA
8	9932	MOHAMMED RISHAL E P	BSc Computer Science	2nd Year	2
9	9894	MUHAMMAD	BSc Computer Science	2nd Year	Ridina
10	9893	NIHAL	BSc Computer Science	2nd Year	41
11	9928	NISHAD M T	BSc Computer Science	2nd Year	Michael
12	10027	RAMEES N S	BSc Computer Science	2nd Year	Dav .
13	9760	FATHIMATH SANA V P	BSc Computer Science	2nd Year	Santa.
14	9410	KEERTHANA K	BSc Computer Science	2nd Year	Leev-
15	9571	SREELAKSHMI P R	BSc Computer Science	2nd Year	TRIES
16	9725	ADNAN O P	BSc Computer Science	2nd Year	Adnan?
17	9462	MOHAMMED NISHAM V	BSc Computer Science	2nd Year	A Home
18	9925	MUHAMMED SANWEER	BSc Computer Science	2nd Year	Samuer)
19	9573	SREELAL P	BSc Computer Science	2nd Year	1990
20	9676	ANITHA A K	BSc Computer Science	2nd Year	The .
21	9990	ASWANI P	BSc Computer Science	2nd Year	Lawemi
22	9518	KADEEJA BEEVI M	BSc Computer Science	2nd Year	Kadhed
23	9723	LAKSHMI S	BSc Computer Science	2nd Year) orumi
24	9527	LAMIYA	BSc Computer Science	2nd Year	T T
25	9744	MAHANA	BSc Computer Science	2nd Year	
26	9642	NIMSHI C P	BSc Computer Science	2nd Year	Number
27	9559	NISHANA SHARIN	BSc Computer Science	2nd Year	CASON!
28	9904	NISHANA V V	BSc Computer Science	2nd Year	Mishaha
29	9999	SHADA K	BSc Computer Science	2nd Year	Shado
30	9830	SHAHANA SHERIN N V	BSc Computer Science	2nd Year	Shehar
31	9961	SNEHA V T	BSc Computer Science	2nd Year	1 TO THE P. LEWIS CO., LANSING, MICH.
32	9438	VISHNUPRIYA M V	BSc Computer Science	2nd Year	Speka
33	9856	ABDUL BASITH K P	BSc Computer Science	2nd Year	John .
34	9987	АВНІЛІТН Р	BSc Computer Science	2nd Year	the state of
35	9656	AKASH AJAY M P	BSc Computer Science	2nd Year	Kath
36	9646	AKASH P	BSc Computer Science	2nd Year	The Part of the Pa
37	9652	ARUNDAS A K	BSc Computer Science	2nd Year	Alogha
38	9811	ASHIK K I	BSc Computer Science	2nd Year	Hamo
39	10018	HRITHURAG S G	BSc Computer Science	2nd Year	Arithmes.
40	10001	MOHAMED MUSTHAFA	BSc Computer Science		Spettert

41	9814	MOHAMMED SAFVAN N	BSc Computer Science	2nd Year Sylo
42	9975	MUHAMMED A	BSc Computer Science	2nd Year
43	9347	MUHAMMED MURSHID C	BSc Computer Science	2nd Year
44	9442	MUHAMMED NISHAM E	BSc Computer Science	2nd Year
45	9405	NABEEL P	BSc Computer Science	2nd Year
46	9380	VYSAKH VALSARAJ	BSc Computer Science	2nd Year Gu



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DEPARTMENT OF COMPUTER SCIENCE

Certificate Course on Python Data Analysts Enrollment List (2023-24)

SL.NO	ADMISSION NO	NAME	PROGRAMME	YEAR	SIGNATURE
1	8846	FATHIMATHUL FIDHA	BSc Computer Science	3rd Year	
2	9077	MEHADIYA	BSc Computer Science	3rd Year	Par.
3	8994	ABDULMUTHALIB	BSc Computer Science	3rd Year	Alata
4	9053	ADEL JAMAL THANDANTHARAYIL	BSc Computer Science	3rd Year	Last
5	8997	DILSHAD V P	BSc Computer Science	3rd Year	TRO
6	9049	JIMSHAD N J	BSc Computer Science	3rd Year	
7	8926	MOHAMMED NADHEEM ABDUL SALAM	BSc Computer Science	3rd Year	Man
8	8940	MOHAMMED NIZAM E	BSc Computer Science	3rd Year	Man
9	8815	MOHAMMED SAHAL A P	BSc Computer Science	3rd Year	1 1100-
10	8855	MUHAMMED FARHAN KK	BSc Computer Science	3rd Year	die.
11	8857	MUHAMMED SHAMEEM T S	BSc Computer Science	3rd Year	Married .
12	8634	AMEGHA SHAJI	BSc Computer Science	3rd Year	Amenta
13	8993	MEGHNA P	BSc Computer Science	3rd Year	LA COLLAR
14		SAI KRISHNA C	BSc Computer Science	3rd Year	P O Kwich
15	8840	SUFNA NASRIN	BSc Computer Science	3rd Year	
16		ADARSH P	BSc Computer Science	3rd Year	- Carlos
17	8975	DEEPAK P	BSc Computer Science	3rd Year	Adama
18	8633	RAHUL R	BSc Computer Science	3rd Year	Deepule
19	9085	VYSHNAV R P	BSc Computer Science	3rd Year	Jahne
20	8999	AISWARYA N V	BSc Computer Science	3rd Year	The second
21	9016	ASIFA	BSc Computer Science	3rd Year	Algasy
22	8924	DILNA SHERIN C	BSc Computer Science	3rd Year	181801
23		FATHIMA ADHILA	BSc Computer Science	3rd Year	duna
24		JASNA SHERIN M	BSc Computer Science		Felhmay
25		LULU FATHIMA K M	BSc Computer Science	3rd Year	bela
26		MAHEERA SAAD P	BSc Computer Science	3rd Year	Little
27	The state of the s	NASNI K T	BSc Computer Science	3rd Year	Moheera
28	arana aran	NIDA NASRIN P		3rd Year	westi
29	Carlotte and Carlo	NIHALAT	BSc Computer Science	3rd Year	Midte
30		SAHLA SHERIN	BSc Computer Science	3rd Year	Men
31	La Nacional Company	SHAFNA SHAFI A	BSc Computer Science	3rd Year	Sohue
32	44-1	SHAFNA SHERIN P	BSc Computer Science	3rd Year	Ser .
33	and the last of th	SUNEETHI K	BSc Computer Science BSc Computer Science	3rd Year 3rd Year	Shafnes

PONNANI SOUTH PIN: -679 586

34	8979	ABHINAND K	BSc Computer Science	3rd Year	Janes -
35	8582	AJIL KUMAR T S	BSc Computer Science	3rd Year	Ante
36	9050	ARSHAD ANWAR K	BSc Computer Science	3rd Year	Danies.
37	8669	JAYSON DAS K	BSc Computer Science	3rd Year	DE
38	9037	MIRTHAJ P	BSc Computer Science	3rd Year	Ptop.
39	9021	MOHAMED SALEEL	BSc Computer Science	3rd Year	cobe.
40	8869	MOHAMMED ASIQ M N	BSc Computer Science	3rd Year	MISH
41	8974	MUHAMMED RAFSHAD P	BSc Computer Science	3rd Year	Aled.
42	9104	NAVANEETH P S	BSc Computer Science	3rd Year	De_
43	8921	NIHALE	BSc Computer Science	3rd Year	Mad
44	8964	PRABHUL BABU C P	BSc Computer Science	3rd Year	QZQ_
45	8891	RAHUL KRISHNAN	BSc Computer Science	3rd Year	torner.
46	9103	VISHNU P K	BSc Computer Science	3rd Year	Victor
47	21CS49	JINSHIN	BSc Computer Science	3rd Year	Tishe
48	21CS50	MOHAMMED FAIZAN	BSc Computer Science	3rd Year	Tarkes



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DEPARTMENT OF COMPUTER SCIENCE

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SL.NO	ADMISSION NO	NAME	PROGRAMME	YEAR	SIGNATURI
1	10671	ANSIFA SHIRIN K	BSc Computer Science	2nd Year	Make
2	10689	ANSIYA C	BSc Computer Science	2nd Year	Routes
3	10403	FATHIMA FEBIN T P	BSc Computer Science	2nd Year	Thell
4	10242	FIDA	BSc Computer Science	2nd Year	a saco
5	10406	HAMDA MAHMOOD	BSc Computer Science	2nd Year	Handa
6	10687	HIBA	BSc Computer Science	2nd Year	LADK
7.	10780	HIBA MUSTHAFA	BSc Computer Science	2nd Year	Strong
8	10808	HIBA , N	BSc Computer Science	2nd Year	tallecarde.
9	10082	MURSHIDA P	BSc Computer Science	2nd Year	P.3
10	10335	RAMEESHA NASRIN C	BSc Computer Science	2nd Year	1
11	10054	SHABINA SHIBIN.P	BSc Computer Science	2nd Year	Rangerid
12	10358	SHABNA	BSc Computer Science	2nd Year	and C
13	10799	ABU SHAN PUZHAKKATHODI	BSc Computer Science	2nd Year	Shakma
14	10385	AFEEF FOUZAN	BSc Computer Science	2nd Year	Nor
15	10486	HISHAM HYDER M	BSc Computer Science	2nd Year	800
16	10429	ISMAIL	BSc Computer Science		
17	10681	MOHAMMED ANFAS K P	BSc Computer Science	2nd Year	B .
18	10277	MOHAMMED SINAN	BSc Computer Science	2nd Year	4602
19	10619	MUHAMMED ARSHAD E	BSc Computer Science	2nd Year	Sueste .
20	10710	MUHAMMED FASIL AK	BSc Computer Science	2nd Year	Aska .
21	10695	MUHAMMED SHABIL.M.T	BSc Computer Science	2nd Year	A TIPLES
22		NAJMAL NOWSHAD PUDUVEETTIL	BSc Computer Science	2nd Year	Bhulally
23		ABINANDHA K P	BSc Computer Science	2nd Year	borner.
24	0.000	AIFA V	BSc Computer Science	2nd Year	toward of
25		FATHIMA RIFA K	BSc Computer Science	2nd Year	- Danies
26		IILSHA RIBA C	The second secon	2nd Year	tages
27		MISNA	BSc Computer Science	2nd Year	Hozzloc
28	25505	NIKEDITHA V P	BSc Computer Science	2nd Year	Yard.
29	0111921	ABHISHEK T M	BSc Computer Science BSc Computer Science	2nd Year	Aleken-
30		ARUN JYOTHISH	BSc Computer Science	2nd Year	Alle
31		MOHAMMED YASEEN	BSc Computer Science	2nd Year 2nd Year	Ab





32	10051	ANSHIFA. T. P	BSc Computer Science	2nd Year	Arrant
33	10744	BHAVANA. P	BSc Computer Science	2nd Year	Carlot A
34	10414	FATHIMA RIDHA V P	BSc Computer Science	2nd Year	Mahab
35	10210	GAYATHRI P G	BSc Computer Science	2nd Year	Jany Jan
36	10766	HIMA CHANDRAN U	BSc Computer Science	2nd Year	Sure
37	10216	NAVYA.V.P	BSc Computer Science	2nd Year	Many.
38	10733	RIZLA	BSc Computer Science	2nd Year	13 m
39	10785	ADITHYAN V S	BSc Computer Science	2nd Year	Dest
40	10197	ASWANTH NARAYANAN V T	BSc Computer Science	2nd Year	dent the
41	10350	MOHAMMED SHADULI A K	BSc Computer Science	2nd Year	Co-
42	10208	MOHAMMED ZAFEER KUNNANAY	BSc Computer Science	2nd Year	ave
43	10354	MUHAMMED ASLAM T	BSc Computer Science	2nd Year	The
44	10412	MUHAMMED SWABEEH P	BSc Computer Science	2nd Year	then
45	16417	NIHAL SHAJAHAN EM	BSc Computer Science	2nd Year	100
46	10798	SHOBILAL U B	BSc Computer Science	2nd Year	(30







DEPARTMENT OF COMPUTER SCIENCE

Certificate Course UG 2023-24

COURSE: PYTHON DATA ANALYSTS

ATTENTANCE SHEET

SL.NO	DATE	17	08	18/08	21/08	23/08	24/08	25 08	4109	5/09	609	7/09
SL.NO	NAME	. 1	1	2	130	, ,4 ,	,51	, , 6,	7,	18	9	10
1	ASHIFASHREEN KOYA	林	2	A CONTRACTOR	MIN	ALE	MALE	KINE	othys	ofslup	Alda	Adura
2	LENA M P	hd	1	صلحا	hall	-	- Same	ladde	heater	hade	Liller	ballon.
3	NAJA MUJEEB T	N	2	Ny	3	N	15	NE	NO	1	D	ND
4	SUFINA SHERIN K	Q	1	9	- Que	0	- 0	1 De	0	0-	10	9
5	ALI ADHNAN	de	all L	- Sil	Jary	Att M	telest	total	Lush	Settle	felt	Jarel
6	JAZIM JAVAD P K	Tou	21	dy	Jazz	300	Sus	152	502	- 500	-5/2	-32
7	MOHAMMED RASHID T V	1	De .	Ord.	Both	The state of	Our .	But	Best	Charles	and the	Beegn
8	MOHAMMED RISHAL E P		a		R	- A	A	H	H	K	- H	- K
9	MUHAMMAD	2	1	NA	Las	Sul	NA	LL	Lill	24	NIL	NOT
10	NIHAL	A	4	4	14.	1	1	44	4	A	-19	1
11	NISHAD M T	-4	(B)	France	Chroso	A040	DOHED	1 STOD	28HOD	ARPOD	THEO	2420
12	RAMEES N.S	Se	K T	Dent	Demark	Darrie	Dermery	SACK	De To	Aug T	Berger	Daniel .
13	FATHIMATH SANA V P	4	TT	2	2	40	3	2	del	And .	The sale	1
14	KEERTHANA K	Re	/	W.	Rec	XV.	De	X.	1	De	A.	RA
15	SREELAKSHMI P R	1	Oto	- 100	- 6	- Ede	Lody +	- ray	- Cole	100	la	- Lave
16	ADNAN O P	di	7	100	7	AND THE	Ary.	AND	ANT.	Ada	Arto	Dans
17	MOHAMMED NISHAM V		14	Nun	- Nus	Ny	+ Ny	- Nn	1 Nhy	NIM	- Nus	Mm
18	MUHAMMED SANWEER	3	S'	500	De-	9h	900	C) wy	OD M	00	apr	ans.
19	SREELAL P	10	de	Ga	- Qu	Som	- Son	- Con	Gu	80	En	Su
20	ANITHA A K	AV	Elec	Antho	anilla	ADDIN	PRESERVE	nous	ANIL	ALIHAL	ANIBA	Andre
21	ASWANI P	10	*	Barry	But	The state of	18 F	000	ON ST	ave	Har	000
22	KADEEJA BEEVI M		a	- In	- Pm	12	the	1/2	62	12	12	153
23	LAKSHMI S	-	- Da	We-	Jake.	Jan .	1	John.	20%.	Jak-	Yes -	1
24	LAMIYA ONNA!	400		Ole	Coleur	(1)	Colum	alas	Colour	Celes	Com	teler

PONNANI SOUTH

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25	MAHANA	meta	webs	vonte	Mels	Mets	mel		1-1		- /
26	NIMSHI C P	12/	enily	Parel	0.50	o se	100	O. SI	nudi	000	MILES
27	NISHANA SHARIN	Markey.	House.	- Hub-	Aduba.	Nuls.	Niele	ulesla.	Dino	200	alula
28	NISHANA V V	Notern		1 silver	- 1	Just	1	7	0	Non	Musika
29	SHADA K	Oc	- CX	SE	Ne	De	SE.	de.	- Am	The	ONA
30	SHAHANA SHERIN N V	4	9	9	-	9	2	1	2	2	-
31	SNEHA V T	Sona	RADA	elang	com	C.Su	asher	a Bu	Grahm	anhe	é Que
32	VISHNUPRIYA M V	12	M	1/W	N	IN	MAA	M	- 1W	AA.	. M
33	ABDUL BASITH K P	300	DA	and	Desir	an	and	A. de	Author	Andre .	Alader
34	ABHIJITH P	Milion	- July	A STATE OF THE PARTY OF THE PAR	-904	900-	Milele	NAS -	Marine .	- And -	Calledon .
35	AKASH AJAY M P	NA	MAR	NO	ALV	STOP OF	(AV)	WO	THEY	MAR	ALLA
36	AKASH P	(D)	DAD	In'	No.	Ab	Da	Tal	NA.	100	Ca
37	ARUNDAS A K	12m	100	- MX	75	1	2	AT.		0	1
38	ASHIK K I	b	1		- 12	1	12	12	1	4/12	
39	HRITHURAG S G	(-	13	-109	(8)	1	Marie	12	10	1	de
40	MOHAMED MUSTHAFA	Me	Me	ALC:	A LUE	NE	MUP	The	Rile	N. 32.	1400
41	MOHAMMED SAFVAN N	Call	- Adu	TEN	- mal	ah	LIN	Nih	atr	17	THE STATE OF THE S
42	MUHAMMED A	ME	ine !	unik.	and the	w.	mile.	602	1	Lave	m2
43	MUHAMMED MURSHID C	front	Auch	Annt-	Aunt	And	Ann	Nort	No.A	hal	N A
44	MUHAMMED NISHAM E	ROS	ice at	AUX.	ecta	ooke.	a Add	Today.	And to	Sold Services	trait
45	NABEEL P	Timpe	hay.	and	4	4	his	4 4	4-	L D	2
46	VYSAKH VALSARAJ	V	NIL	V	V	W	VXm	The	TI	The	W
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DEPARTMENT OF COMPUTER SCIENCE

Certificate Course UG 2023-24

COURSE: PYTHON DATA ANALYSTS

ATTENTANCE SHEET

		V.							and and		
SL.NO	DATE	08/09	11/09	12/09	13/09	14/09	15/09	16/09	20/09	21/09	25/09
SLATO	NAME	. 1,	, ,2,	3.	40	.5.	, 6	. 7.	. 8	9.	. 10
1	ASHIFASHREEN KOYA	Jalos .	Engl	ok of	ASLE	Add .	KLE	Ash	Achie	AKLIB	ASWB
2	LENA M P	lake	Lol	126.	1	Lella	bolle	Land	1	Late	halin
3	NAJA MUJEEB T	NO	TO	I	0	00	N	N	NY	22	N
4	SUFINA SHERIN K	Ou	Qu	an	a	De	a	- Ge	0	Ge-	- Ou
5	ALI ADHNAN	della	Actor	table	Jeha	tolka	JUELL	ALL	Tabil	tel	Jul
6	JAZIM JAVAD P K	1	And	had	house	huy-	huse.	house	huy	Mind.	hur-
7	MOHAMMED RASHID T V	Dat	Deep	Park.	0±	Back	Out-	Best	and.	Aug.	Best
8	MOHAMMED RISHAL E P	She	- de	-OBe	- gha	000	- A	com	- open	ap	45
9	MUHAMMAD		NA	w	THE	Net	MA	N.	NA	NID	M
10	NIHAL	A	4	4	4	4	A.	7	14	A	77
11	NISHAD M T	Tomb	Amado	now	notion	Agres .	Janes D.	PUVAD	12 barreto	JACOD /	Missel
12	RAMEES N S	Romer	Dames	Round	29X	Duranes	Bowen	Burney	Deput	RACK	Durch
13	FATHIMATH SANA V P	The	1	Tal	ded	Au	4		200	4	200
14	KEERTHANA K	Olor.	Davi.	Xar.	Kan	X	NO.	100	Ser.	Day.	XV.
15	SREELAKSHMI P R	(al	Cal	Call	Tall	Lak	- Cale	Tale	Fall	Cale	Call
16	ADNAN O P	July	John S.	Adres	Arts.	Als	Alex	4015	40	N.	Ada
17	MOHAMMED NISHAM V	NUS	NUS	- Ny	-A	Nux	My	- No	The	Ms	Mu
18	MUHAMMED SANWEER	San	and the	alor	OX/	Charles	CAN	Ow	-A	Show	are
19	SREELAL P	Our	Vir	- 53	- Cu	- 22	- an	A	Qu-	an	-A
20	ANITHA A K	Aprillan	PHILIPAN	Anima	Andra	Anilla	Anietta	Action	aton	Destho	Anithe
21	ASWANI P	Busie	Ork	Bloom	71×	(Street	order	£122	630/	Pad	0000
22	KADEEJA BEEVI M	Ofon	1800	Nos	A	1xu	DA	Pasos	82	080	- Alson
23	LAKSHMI S	Jak .	LA	Jak.	Jak.	Jak.	Cale -	Jak.	Sel.	460	Jack.
24	LAMIYA	CICOL	10000	Colone	1. Com	colene	Cours	Colour	color	Celaur	also

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		08/09	11/09	12/09	13/09	14/0	915/09	16/09	20/00	21/0	25/0	9
25	MAHANA	Mar	MELE	mets	meta	mesta	meta	Mafa_	Media	Moto	Meta	
26	NIMSHI C P	ent/	ende	Bake	Pro	enter	exer	es	Col	City	es	
27	NISHANA SHARIN	there .	Made -	Nother-	-Aluka	Ataba.	Alaba	Alebo.	Alun-	Napp.	Allaha	1
28	NISHANA V V	Ments	itaga	nations	· Notice	- phtos	Maria	March	1400	1944	MEN	
29	SHADA K	04	St	St	Ste	SE	SE	54	CK	4	SK	
30	SHAHANA SHERIN N V	40	9	40	4	4.	9.5	9	2	7.5	2	
31	SNEHA V T	Sulm	- Sugar	Cas	- Robert	800	Care	Soly	Coh	Sider	- Roselins	
32	VISHNUPRIYA M V	7/1/2	- 1h	-M	- My	-1/1/2	-M	- The	M	+ 1/2	7115	
33	ABDUL BASITH K P	Ado	ON	Police .	Desta-	20016	2) MIK	Dates	PAST	2	24	
34	АВНІЛТН Р	A Paller	Harry	ANTO	+	Addison	Jack March	11	-A-	-	1200	
35	AKASH AJAY M P	MAD	Ma	MA	A	MA	MAD	No	DAD	DA	MA	
36	AKASH P	MAD	240	700	NAP	MO	DAD	NAs3	MA	DAD	A	
37	ARUNDAS A K	Din	- Vos	- Die	(D)>		DAT	CXX	- Old	DE	DAS	+
38	ASHIK K I	Tim	_ a_	150	lesa	A	Kn	An	K	Nen	R	1
39	HRITHURAG S G	Con	A	Can	-64	6	A	Co	(or	In	130	
40	MOHAMED MUSTHAFA	Me	NA	Ne	me	Me	Ne	Mile	Sus	Me	The	
41	MOHAMMED SAFVAN N	Mrs	- May	The	AA	Ne	-12	do	-10	di	AA	
42	MUHAMMED A	ME	was.	TOP ,	mp-	miles	m	W2.	va-	12-	M2	
43	MUHAMMED MURSHID C		Ant	fund	Don't	-part	And	Amt	Amil	Ant	Annit	
44	MUHAMMED NISHAM E	Depar	col	exten	Mar	out.	NO VE	NO DE	Sofe.	- nexter-	note.	
45	NABEEL P	my-	Mare.	200	ung	1900	somp.	1000	Tops	Gage-1	9-4	
46	VYSAKH VALSARAJ	W	W.	W	W	W	The	MA	W	NAV	W	



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DEPARTMENT OF COMPUTER SCIENCE

Certificate Course UG 2023-24

COURSE: PYTHON DATA ANALYSTS

ATTENTANCE SHEET

SL.NO	DATE	26/09	27/09	19/09	80 09	39 09	85 09	30 09	03/90	04 90	05 PD
SL.NO	NAME	, 11,	12	3	4	. 5.	6	. 7	8	19	1.0
1	ASHIFASHREEN KOYA	ASIA	Khip	Ash A	TSUR-	ASUR	Astreet	Achor	de	一个	18 MB
2	LENA M P	halfa	Ldh	Law	1 day	leches	Lela	Leila	210-1	Lall	India
3	NAJA MUJEEB T	N	TYP	N	N	20	7	OD	12	0.0	1/2
4	SUFINA SHERIN K	(W	00	0/	0/	Dut	0	Jan Jan	0	1	a
5	ALI ADHNAN	الطلحل	tabel	west	Adjal	地地	talel	الالعاد	total	Alle	Jelie
6	JAZIM JAVAD P K	Xn	100	500	Dr	50	Kr	A	200	12	52
7	MOHAMMED RASHID T V	But	Contract of the second	Best	But .	Gut-	God	But	Bet	The second	But.
8	MOHAMMED RISHAL E P	PL	- PL	- 4	A	- 12	A	A	- RL	H_	R
9	MUHAMMAD	100	M	Au	M	M	MI	MI	M	Min	MA
10	NIHAL	4	A	A	A	-4	A	-17	-1	-14	14
11	NISHAD M T	ALSHAD	June	Humal	PHONE	Jud.	Sund	THERE	JUHAL	ABROOM	15100
12	RAMEES N S	James	1 January	Dunies	Barner	Daren	Berney	drunes	Bunk	Bengen	Dispose
13	FATHIMATH SANA V P	July	A	And	1	And	1	And	The state of	Jack	4
14	KEERTHANA K	don	Do	1000	X.	Dear.	18 con	W.	De .	W.	No.
15	SREELAKSHMI P R	Car	- CA	- Jose	Cal	-	الف	Lou	Call	- Corle	Cali
16	ADNAN O P	the same	Jan.	20/	Day.	ZIK	MIS	+77	Ada	Acho	Harry .
17	MOHAMMED NISHAM V	CAR	- Sr	COM	182	- Km	Re	- 82	- 8r	A'A	82
18	MUHAMMED SANWEER	Sp	Am	- SA	San	A	A	Dus	+ lac	Am	Story
19	SREELAL P	n	to	- Co	- an	- Ku	-82	- Con	8~	85	8/2
20	ANITHA A K	PUM	apille	Adilla	Apilla	Appt Way	AVILLA	Mailie	ANIMA	Wilke	ANTHO
21	ASWANI P	an'	Farth .	Ber	- The same	Acon-	A	ation	- ALLEY	des	the same
22	KADEEJA BEEVI M	Beer	Ben	De	Br	Bon	For	Rom	Pon	Pan	18
23	LAKSHMI S	det.	A STATE OF THE STA	1	J.) de	Taras	Jan .	- C	John -	Jab
24	LAMIYA	Many	Colore	along.	Tolow	Colum	Colors	Aleno	ales	Colour	Olem

PIN: -879 585

NUSRATH ASSISTANT Professor & Head Assistant Professor & Head Computer Science Computer Sci

		26/09	22/00	1 20/09	2009	20/0	9 -30	109	~2/10	. 1/10	, cho.
25	MAHANA	Luch.	Method	Meta	Meter	Mets-	Metro	201	hack-	Out.	09/
26	NIMSHI C P	13/	0.00	034	0.90	PAR/	con	eig	ear	Pail	0.30
27	NISHANA SHARIN	Alleha	Alesta.	Aluka	Mester	- Paluto	atoba.	-Nupa	- Aluka	Klub	Nuls.
28	NISHANA V V	rutura	retur	retur	return	Marie	Notice	retur	NA	when	May
29	SHADA K	26	SK	36	586	SKE	OF	Q	OF	SX	SI
30	SHAHANA SHERIN N V	2	9	ge	2	4	2	2	2	g.	2
31	SNEHA V T	Sign	Six	Robert	a Sun	Sides	and a	Chine	andre .	2 Parler	Englis .
32	VISHNUPRIYA M V	MI	M	M	M	M	M	M	M	+ MA	MY
33	ABDUL BASITH K P	300	8 E	Pers	Post	200	Part .	(Esta)	200	Dollar.	Orto
34	АВНІЛІТН Р	1	240 A.	1	A AVOLE	101-	24	160	1440	144	世
35	AKASH AJAY M P	MAD	The D	ADD	C DAD	NAP	AMB.	MAD	MAR	CAD	MO
36	AKASH P	Mas	MAD	DD,	NO	NO	OVE	NAD	NAD	MO	NA
37	ARUNDAS A K	AL	All	Alle	Atc	Atl	Akl	AL	ALL	Ala	AVI
38	ASHIK K I	Va	41	1/2	So_	1	Va-	1	Ka	Le	1
39	HRITHURAG S G	03	100	-Cm	ton	-(07	01	m	10	the	6
40	MOHAMED MUSTHAFA	AAA=-	Ma	100	VB	Vr.	NA	Mp	No	Me	LUR
41	MOHAMMED SAFVAN N	W	A	1	The	100	M	1	A	74	M
42	MUHAMMED A	M.	M.	R	mg	risk	12	12.	To See	m2	12
43	MUHAMMED MURSHID C	AnnA	Am	- funt	-Jank	- Just -	Smit	Am	Long	Aunit	Anny
44	MUHAMMED NISHAM E	OF	Polon	or to:	router.	actor	nut -	100 E	Note.	nest a	2000
45	NABEEL P .	7000-	1-24	1-	2-5	2-4	2-,	Bart	7-7	4-70	Maria
46	VYSAKH VALSARAJ	W	V	W	· WC	VAF	W	VAL	IA	A	W-



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



DEPARTMENT OF COMPUTER SCIENCE

Certificate Course UG 2023-24

COURSE: PYTHON DATA ANALYSTS

ATTENTANCE SHEET

	DATE	17/08/23	18/08/2	21/08/23	23/08	24 08	25/08	4/09	5/09	6/09	7/09
SL.NO	NAME	1	2	3	4	5	6	7	8	9	10
1	FATHIMATHUL FIDHA	Side a	BARA	65 July	Carren .	BER	Colles	Color	800h	Cons	RELING
2	MEHADIYA	NONEMA	Dadin	Kadelma	a	DEDAMA	DYCHA	MEXIA	DYNA	non hora	POFMA
3	ABDULMUTHALIB	GROUL	a	a Baut	ARDUL	DED Y	AROU.	ABOUL	DEDUL	(ADDI)	GERLY.
4	ADEL JAMAL THANDANTHARAYIL	Add James	Adel Jours	Adel found	Wel though	Idel James	Add Towned	a	Adel James	Adul dorm	Jul Think
5	DILSHAD V P	DADDA4	Ollshad	Delshad	Dalshad	Dilchy	alexad	bilevad	Dilled	Gildred	Bilches
6	JIMSHAD N J	0	62	202	(6)	(G)	CO	(6)	(G)	601	CON
7	MOHAMMED NADHEEM ABDUL SALAM	Sat-	10	See	Sas	Se.	6	80	Roll	Sa	Sel
8	MOHAMMED NIZAM E	ale	ne	1/2	DEL	Alg	Poten	ASS	May	224	A SE
9	MOHAMMED SAHAL A P	P DEED	Maria	Meline	Meline	Me	Maketa	Mahaba	Molade	Modera	Turn
10	MUHAMMED FARHAN KK	gues !	10	for-	Jan-	fre	Jan.	See	Pro-	Jen -	Jan .
11	MUHAMMED SHAMEEM T S	Shanne	- June	Species	- Joseph	- Amer	- Jourse	Summer	- Longer	Amag	Augus
12	AMEGHA SHAJI	AGO	Aludo	ACO	Propos	Krys	Kinda	Andre	A Company	Managar	Amount
13	MEGHNA P	Mehar	Mehs	Make	Muly	Mely	Melis	Mehr	Melies	Melie	Melio
14	SAI KRISHNA C	Sail	Sal	San	Luce	(a)	Sai	Sug	Sap	300	Sail
15	SUFNA NASRIN	Sugne	Supro	Suro	Sume	Suma	Sung	Suma	Sylone	Jume	Sygne
16	ADARSH P	4	1	AX	73	A	A	4	200	ALL	4
17	DEEPAK P	P	DAY	Dil	MA	DA	DA	174	DA	1	X
18	RAHULR	Palit	Duluk	adal	Redu	Robert	DI	1 Shall	Reliand	- Dalla	- KUL
19	VYSHNAV R P	Garan	4 She	19Elm	19 Blace	2 Stur	M	Vaslam.	19 Elect	- Comment	Sam
20	AISWARYA N V	LANK	MisV	Was 1	DATE V	TEN	AS	1V27A	4-F-4	74712	47.34

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21	ASIFA	Asses.	Asse	9000	Areles	seile.	dela	deijo	Asys	asie	asy
22	DILNA SHERIN C	Dulia	Della	Date	Diline	Daves	Detro	Dhus	Truling	Orling	Dillia
23	FATHIMA ADHILA	Rattal	The	Padtel	Tooling	Datus	李显	上	A Hole	A The	Dellas
24	JASNA SHERIN M	Tules	Talan	- Jalm	Jarl	galne	Jaska	Jake	Trype	Turn	Take
25	LULU FATHIMA K M	July	Julya		Junky.	Juntos	Junes	Justin		July	July
26	MAHEERA SAAD P	Mahm	Wayou	Malon	walren	Malatin	1	Whose	Wester-	Why	1
27	NASNI K T	Name	1 James	Norma	Nami	Vasna	Source	Norm	Norma	None	Lynn
28	NIDA NASRIN P	1	1	ME	COLO.	MED	NA	<u> وناله</u>	NID .	- Class	MEST
29	NIHALAT	nher	nime	nibete	photo	nulamber	mhalu	whatel	n-hotel	MILANTO	ashan
30	SAHLA SHERIN	an An	Shake	Sta-Anna	Sheller	snow	Straffer	men	and	Stock	500ff
31	SHAFNA SHAFI A	1	SE-	A	6	æ	P	8	2	8	8
32	SHAFNA SHERIN P	SIE	de	die	CHE	948	SHE	SIME	SHE	SHA	SHE
33	SUNEETHI K	SIVE	ONI	OUT	OUF	ONT	SET	SINT	MIT	SOFT	SHI
34	ABHINAND K	BOST	1784	ABI	ABI	881	QBT	AFT	PSI	那	ARI
35	AJIL KUMAR T S	MH-	and	4	ساننوه	are	سلام	OFFI	STE	atil	atto
36	ARSHAD ANWAR K	ARS	ARS	Co	A.	200	TIE.	SRA	DE	AD	Aco
37	JAYSON DAS K	fast.	fory	Jay.	down.	Lay.	Jay.	Jank.	Jay.	,	Jory
38	MIRTHAJ P	- She	-the-	- By-	بسماك	Those	The	The	The	The	The
39	MOHAMED SALEEL	She	-alel	182	Soll Soll	Slight	+ ald	Stol	Stell	a	XX
40	MOHAMMED ASIQ M N	Mark-	styl.	dist	984	ANK	Asst		Asst	wast.	ASY
41	MUHAMMED RAFSHAD P	Rus	Row	Rem	Row	1	Pur	Raus	Roy	Ray	Rain
42	NAVANEETH P S	Nous	Nam	Name	Nam	Non		Jour	Name	Navy	Vpr
43	NIHAL E	A				A					P
44	PRABHUL BABU C P	PBA-	PBPT_	PRA	PRA	BRA	82A	PAR	PAH	PAR	PRA
45	RAHUL KRISHNAN	robut	none	YOUR	makel	rahud	rahe	rahed	rahul	rohal	yoka2
46	VISHNU P K	В				A	1100000				A
47	JINSHIN	dest	125-	Just	- Jinto	المعدد	188	die	J'sa_	2000	lie
48	MOHAMMED FAIZAN	C	Saz	Paris	Do	Paro	Sie	diam	lisa	Luxe	ban

PONNANI SCUTH

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DEPARTMENT OF COMPUTER SCIENCE

Certificate Course UG 2023-24 COURSE: PYTHON DATA ANALYSTS

ATTENTANCE SHEET

SL.NO	DATE	08/09	11/09	12/09	13/09	14/09	15/09	16/09	20/09	21/09	25/09
SLINO	NAME	1	2_	3	4	5	6	7	8	9	10
1	FATHIMATHUL FIDHA	Edhi	parker	Adda	Rake	alle	ARRE	Adama	Adla	Biellas	A Ser
2	MEHADIYA	nowwa	Note was	TOWN	MANO	red un	MANDA	Medan	MATHER	PORTON	CONCENTRAL
3	ABDULMUTHALIB	SEDUL	Acade	BOUL	ARROC.	- 600U	GROW.	ABINUL.	HEDIT.	ARAX	ABOUT
4	ADEL JAMAL THANDANTHARAYIL	Aul John	Harl Anna	Adul grand	Hel Throad	lde ford	Jul James	Hel form	All Throng	Al June	de tro
5	DILSHAD V P	Bitshed	Gilahad	100 Done	10ilch	Digha	15 Street	Bitstyn	Dilohood	Sildha	bishad
6	JIMSHAD N J	CO	Cel	Col	Cel	Ces	Cel	Cos	Ces	Cex	Cel
7	MOHAMMED NADHEEM ABDUL SALAM	SID	200	Sul	Sul	See	Sel	Sal	800		£0.
8	MOHAMMED NIZAM E	APP.	12	NE	N.	NOW	NA	VS5	130	200	11.00
9	MOHAMMED SAHALA P	Mahabat	Makadal	Meholish	Monday	plevali	Meladuk	Mehash	Melador		Mossie
10	MUHAMMED FARHAN KK	fee	face	fai	for.	So	fie	Sus-	fuel .	for	fles
11	MUHAMMED SHAMEEM T S	Suma	SHAMMA	Shancen	SHAME	Shamen	SHANN	Shamer	STHANCES	SHAMEO	SHADNES
12	AMEGHA SHAJI	Aulaha	Andrew	ACO	1 AC	Accept	Abendo	Acad	Alpoli	And	Alpha
13	MEGHNA P	Mark	Mest.	Pices	Maria	relia	Meles	Mehs	Melis	Mehr	Melis
14	SAI KRISHNA C	Can-	Take 1	502	60	(a)	Sus	ges.	Sa	28	500
15	SUFNA NASRIN	3 mins	Foresc	Sufma	Setrop	Salma	Supre	Sujare	Syme	Sums	rune
16	ADARSH P	De.	#	A	las.	Ass	1	A	400	3	7
17	DEEPAK P	Bulah	04	OP	DIE	Do	MA	EZ 1	Dil	DA	CAPIL
18	RAHULR	Rule	Rolas	Did	Deli	Patal	511	الملك	Robb	Kalad	BILL
19	VYSHNAV R P	Fichan	19etin	1291	10=100	-09	(July	Colom	Giden	Milm	· Stole
20	AISWARYA N V	-APIV	MAR	100V	A TOWN	1 Pay	Max	Attek	BAL	ASV	400

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NUSRATH K.
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Department of Computer Sunce
M.E.S. Ponnani College
M.E.S. Ponnani College

21	ASIFA	08/09	deila	Lado	Jesy.	14/09	15/09	Wille	20/09	Deila	Soil
22	DILNA SHERIN C	Diene	Die	Dille	Dilue	Dilung	Deline	Dilus	Dilue	Tille	Dila
23	FATHIMA ADHILA	Cally	Body	P. Serie	I die	1	R Street	1 day	1 Sun	Latin	4 50
24	JASNA SHERIN M	3-0	Jelle	Fart	July	Jaile	Tail	Taylor	- tul	Tark	Terk
25	LULU FATHIMA K M	Julys.	Lucia	July	fully	Juli	-	Link	Lucks	Jordi	Juli
26	MAHEERA SAAD P	Maha	malin	Madre	- ^	Malala	Mahan	Walnut	Halid	flated	Male
27	NASNI K T	Lusie	Laxus	Name	1 asm	Nasha	A	Nasus	-	Nasha	nous
28	NIDA NASRIN P	NID	alle	Line	NID	NID	QUIE .	ovide	MAR	oela	AFE
29	NIHALAT	when	N	nihan	124	whose	milda	nymer		phone	nte
30	SAHLA SHERIN	Soupla	Souble	Souhham	Suhle	schle	Sable	Schlee	Schole	Schle	Salate
31	SHAFNA SHAFI A	800	B	B	State 1	OFF)	SE)	80	SER	SAF	84
32	SHAFNA SHERIN P	SNA	SHA	SAME	STAP	SIR	SHIP	CHA	SHA	CATT	SH
33	SUNEETHI K	Gette	SOUP	SME	SOP	SIMP	South	SDIP	SDE	Silve	gree
34	ABHINAND K	CBY	ABE	080	Q8P	0.82	ARF	BRP	DRP	ESP	PRI
35	AJIL KUMAR T S	AND	All	BULL	ANL	Aris	ANIA	ASIA	Alid	ACL	MIL
36	ARSHAD ANWAR K	an	ane	PDe-	000	DPS.	DP3	APD	ppc	ARS	APS
37	JAYSON DAS K	Say.	Jay.	fack	face	Jay.	tay.	Lay	Jay.	gar.	lay
38	MIRTHAJ P	The	The	Ther.	They.	111	tha.	the	ther	hu.	The same
39	MOHAMED SALEEL	Seed	Battle-	Garal	Stock.	Casel	Seed.	Sabeel	Satel	edel.	Cone
40	MOHAMMED ASIQ M N	Agns	dent.	July.	Louis	dest.	Asich	DRAW	dis.	Asut	ofsny
41	MUHAMMED RAFSHAD P	Por	Bear	Ran	Rose	Ray	,	Box	Rem	Ray	Rose
42	NAVANEETH P S	Name.	Nam	Nama	Naym	Nava	Navy	Nave	Name	Naue	Nay
43	NIHALE	A					A		1		A
44	PRABHUL BABU C P	200	FRAL	PRAD	PRA	PKA	200	PPA	200	990-	200
45	RAHUL KRISHNAN	1000	rose	Yours	Yoland	100	rator	Yahl	Velet	Vetet	Valed
46	VISHNU P K	H					A				A
47	JINSHIN	dista-	منعينان	سيلعون	dreda	0 900	justus	Medica	direly	Juntan	dingle
48	MOHAMMED FAIZAN	Com	Coise	Parker	Gaire	Lisa	Coito	Cires	home	Seizer	Seiso

PONNANI SOUTH PIN: -679 586 NUSRATH K.
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DEPARTMENT OF COMPUTER SCIENCE

Certificate Course UG 2023-24

COURSE: PYTHON DATA ANALYSTS

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SL.NO	NAME	1		2	3	4	5	6	7	8	9	10
1	FATHIMATHUL FIDHA	(Egy)	h,	Figh.	Ballo	Oaha	(Dala	Feether	BB 74	Bana	1990va	CHA
2	MEHADIYA	E	96	DAM	PLANTING	COM PHAT	MALMAN	DALVIA	DEMA	INCHA	NEDGW(A)	DAMM
3	ABDULMUTHALIB	Astr		ARBUL.	SISPOUL	BEDGE	ARRIVE	ABOUT.	ARAN	ANDUL	ABBOL	CIEBLE!
4	ADEL JAMAL THANDANTHARAYIL	Joel 1	3	Adol James	Adul porosi	Alel Jamas	100	Add Inma	Add tomal	ACC	and the same of th	Nul turn
5	DILSHAD V P	Meta	M_	Different	Dillian	theton	allstood	- Challenger	to Alebor	Different	Distord	Diction
6	JIMSHAD N J	6	-	Colo	Sels	Celo	Go-	COL	Cel	COL	200	CEK
7	MOHAMMED NADHEEM ABDUL SALAM	Sal	2	Sans	800	Sul	Sol.	fol	80	-	80	Sal
8	MOHAMMED NIZAM E	150	-	NO	non	Ne	ASSIL	USD	10	NE	Admin	1
9	MOHAMMED SAHAL A P	Malad	44	Mehabila	Johnson	Johnson	Melali	100	riebolah	00	Manus	*/0/4
10	MUHAMMED FARHAN KK	Jus.		ga-	100	See .	for	Star	Sca	Jan.	Jan.	
11	MUHAMMED SHAMEEM T S	<u>Anam</u>	-	- June	Dunge	- Junes	American	Dunne	Aure	- Constant	A STANCE	A
12	АМЕСНА SHAJI	Kon	1	Acont	And	Amou	1 Justin	Ander	Angle	House	Helie	Cana
13	MEGHNA P	Mel	VB_	Melos	Melia	Plehe	Metro	Nehe	Mely	Mely	rung	100
14	SAI KRISHNA C	Su	2	800	800	ga.	San	Sai	3	210	27	200
15	SUFNA NASRIN	Sur	100	8418	Sujae	Sugar	June	Suma	Sufre	Things	Intol	1
16	ADARSH P	A	-	A	All	Att.	1	1	HELL	C.	CAI	KIT
17	DEEPAK P	D	0	DI	DU	DVD	Dipp	DA	201	1	K PAR	1
18	RAHUL R	RI	D	Rall	517	Radial		,	- Pales	Kaha	Kahul	Katu
19	VYSHNAV R P	100	ghr	AL A	MAN	Victor	Astan	1 Star	1 Stelan	- 1	- Aches	973
20	AISWARYA N V	AR	V	ASV	NANI SOU	THE W	MON	TITY	AMA	Aret	44/12/	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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Ponnani South P.O.
Ponnani South P.O.
Karala-679 585

21	ASIFA	days	Days	Daile	derp	Deise	30/09	deile	- Stelle	days	day
22	DILNA SHERIN C	Dulia	Dula	Delins	Olps	Dulan	Diller	Dilie	Diline	Dilus	Di
23	FATHIMA ADHILA	K tu	The state of	- Batalo	The trade	Batte	Datil	Sature	Dathe	The	Det
24	JASNA SHERIN M	Toular	Tarke	Tarla	Tash	Jasika	July	Tasta	Jass	Jasky	Tarl
25	LULU FATHIMA K M	July	July	Letter		fulls	July	July	Jouly	July	Jesty
26	MAHEERA SAAD P	Mahos	graha	Iraba	Mulse	Malso	Malse.	Malad	Mahd	Marco	
27	NASNI K T	Vasna-	Nagaa	Jasna	MARKE	Abshi	Marie	Nous.	A lastra	Nasna	Narra
28	NIDA NASRIN P	DIN	MOC	Nive	DIDE	NE	NIDE	NiDa	MD	MIPE	NATE
29	NIHALAT	nbes	nihere	nie	niher	who	nhele	nhele	no	whole	whole
30	SAHLA SHERIN	Cable	Solde	2000	Center	Schle	Solas	orble		Salva	246
31	SHAFNA SHAFI A	Today	Shafe	Shafine	shufm	Staffee	Shelm	onein	man	andin	snafn
32	SHAFNA SHERIN P	SEE .	SIK	SHE	S#4	5#	514	SAL	SI	Sat	Set
33	SUNEETHI K	TUT	SOT	CIT	SWT	SVIT	NT	ST	17PF	98	SONO
34	ABHINAND K	Am	Abe	Abile	Abre	Abd	Abo	AHR	Abiz	Aba	Abr
35	AJIL KUMAR T S	Par	ASIL	N222	AND	BITE	ANIL	AIYL	Asido	Aire	Ajic
36	ARSHAD ANWAR K	(Doce	Augu	APP	ARSIN	ARY	ANS	AKSIC		TERA	ASSET
37	JAYSON DAS K	took.	Jay-	toy!	Lay.	Tay	-ay	14	Jos.	fay	
88	MIRTHAJ P	than.	- floor	tha-	The	There	the	-than-	the	Thy	then
9	MOHAMED SALEEL	Steel	Salara.	- Cheel	Chel	Sole	SAL-	Ble	SA	S	<
10	MOHAMMED ASIQ M N	Darry	LA SK		KRYS.	Jank-	dry.	South	det-	thet.	tole
11	MUHAMMED RAFSHAD P	Des.	Ran	Ray	Ray	Par	Ray	Que	Que	Ras	Ray
12	NAVANEETH P S	Nous	Nous	NAVE	Nama	Nan	Nam	Name	Nun		Name
13	NIHALE	A				A					0
14	PRABHUL BABU C P	280	DENG-	pee	PPP	Den	PAT	- OPERT	PRI	PRA	Pan
15	RAHUL KRISHNAN	Valen	aus	will	rdu	me	rolea	rel-	Ydas	de	Vale
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NUSRATH K.
Assistant Professor & Head
Department of Computer Stance
M.E.S. Ponnani College
Ponnani South P.O.
Malappuram. Kerala-679 588

DEPARTMENT OF COMPUTER SCIENCE

Certificate Course UG 2023-24 COURSE: PYTHON DATA ANALYSTS

ATTENTANCE SHEET

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DEPARTMENT OF COMPUTER SCIENCE

Certificate Course UG 2023-24 COURSE: PYTHON DATA ANALYSTS

ATTENTANCE SHEET

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DEPARTMENT OF COMPUTER SCIENCE

Certificate Course UG 2023-24
COURSE: PYTHON DATA ANALYSTS

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PONNANI SOUTH OF PIN: 679 586 MES



MES PONNANI COLLEGE, PONNANI

DEPARTMENT OF COMPUTER SCIENCE

Certificate Courses UG 2023-24
Certificate Course Report: Python- Data Analysts

The Python Data Analysts certificate course was conducted by the Department of Computer Science at MES Ponnani College during the academic year 2023-2024. The course aimed to provide practical knowledge and skills in Data Analysis using Python. Mrs. Saleema K, Assistant Professor, successfully coordinated and instructed the course for three batches, totalling 80 students.

The course covered the fundamentals of Python Programming, data manipulation, data visualization, statistical analysis, machine learning, and data storytelling. Topics included the use of libraries such as Pandas, NumPy, Matplotlib, and Scikit-Learn, as well as best practices for data cleaning, processing, and analysis.

Mrs. Saleema K delivered the classes in an interactive and engaging manner, using lectures, demonstrations, and hands-on exercises. Students found the course to be highly beneficial and appreciated Mrs. Saleema K's expertise and willingness to provide additional guidance. The exams were fair and comprehensive, allowing students to demonstrate their proficiency in Python data analysis.

The students' feedback regarding the course was positive, highlighting the practical skills they acquired and their improved understanding of data analysis. The course will undoubtedly benefit students in their future careers.

PONNANI SOUTH PIN: -579 586

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



DEPARTMENT OF DATA SCIENCE AND ANALYTICS MES PONNANI COLLEGE

(Govt. Aided & Affiliated to University of Calicut Re-accredited by NAAC with A+ grade CGPA 3.46) e-mail: ds@mespni.ac.in

Ponnani South P.O, Malappuram, Kerala, 679586 Ph: 0494-266077 www.mesponnanicollege.org

From

Muhsina V J Head of Department Department of data science and analytics MES Ponnani College

To

The Principal MES Ponnani College

Dear Sir,

Subject: Request for Approval of Certificate Course

I am writing to inform you that the Department of data science and analytics is preparing to launch a certificate course titled "Web Technology" (MPCCWEBT). The course is designed to span 30 hours and will cater to undergraduate students.

We seek your approval to proceed with this initiative.

Thank you.

Yours sincerely,

Muhsina V J

Department of data science and analytics

Place: Ponnani

Date: 18/07/2023

Head & Assistant Professor

Head & Assistant Professor

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From,

Muhsina V J

Head of Department
Department of data science and analytics
MES Ponnani College

To.

The Principal MES Ponnani College

Dear Sir.

Sub: Request for Approval of Board of Studies for Certificate Course 2023-24

I write to formally seek your esteemed approval for the constitution of the Board of Studies for the Certificate Course entitled "Web Technology" (MPCCWEBT), to be conducted by the Department of data science and analytics during the academic year 2023-24.

The proposed composition of the Board of Studies is as follows:

- 1. Muhsina V J (Head of the Department and chairman)
- Hasfiya K P, Assistant professor, B.Voc data science and analytics, MES Kalladi College, Mannarkkad (Subject Expert from External Institution)
- 3. Suhaila T (Course Co-ordinator)
- 4. Shirin Shahnas B V (Assistant professor, Department of data science and analytics)
- Niranjana K K (Assistant professor, Department of data science and analytics)

I respectfully request your prompt attention to facilitate the establishment of the Board of Studies with these distinguished members.

Thank you for your unwavering support and guidance

Yours faithfully,

Muhsina V J Head, Department of Data Science and Analytics

22/07/2023

Hoad & Assistant Professor

Analytics

Cales Science & Analytics

Cales Science & College 19585

e-mail: ds@mespni.ac.in

Ponnani South P.O, Malappuram, Kerala, 679586 Ph: 0494-266077 www.mesponnanicollege.org

(Govt. Aided & Affiliated to University of Calicut Re-accredited by NAAC with A+ grade CGPA 3.46)

MINUTES OF BOARD OF STUDIES MEETING

Venue: Department of data science and analytics

Date: 31/07/2023

Agenda: Discussion and Approval of the Syllabus of the Certificate Course 2023-24

Members Present:

1. Muhsina V J (Head of the Department and Chairman)

 Hasfiya K P, Assistant Professor, B.Voc Data Science and Analytics, MES Kalladi College, Mannarkkad (Subject Expert from External Institution)

3. Suhaila T (Course Co-ordinator)

4. Shirin Shahnas B V (Assistant Professor, Department of Data Science and Analytics)

5. Niranjana K K (Assistant Professor, Department of Data Science and Analytics)

Proceedings:

The meeting was convened at the Department of data science and analytics to deliberate upon and approve the syllabus for the Certificate Course 2023-24.

Discussion:

The Board of Studies engaged in extensive deliberations on the proposed syllabus.

Decision:

After careful consideration, the Board of Studies arrived at the following decision:

- 1. Discussion on Syllabus: The members thoroughly reviewed and discussed each component of the syllabus for the Certificate Course 2023-24.
- 2. Approval of Syllabus: It was resolved that the proposed syllabus meets the academic standards and requirements. The Board of Studies unanimously approved the syllabus

The approved syllabus will be submitted to the appropriate authorites action and implementation.



DEPARTMENT OF DATA SCIENCE AND ANALYTICS MES PONNANI COLLEGE

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CERTICATE COURSE ON "WEB TECHNOLOGY" CURRICULUM

(2023-2024)

I. Objectives

- · To explain the basics of the internet and web terminologies.
- To explain how to develop a simple web application using HTML and CSS.
- To introduce scripting language concepts for developing client-side applications.

II. Course Offered

Develop web applications.

III. Eligibility criteria

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

The scheme of examination

The course has duration of 3 months (30 hours) in online mood. 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.** 30% score shall be given to the internal evaluation and the remaining 70% to external evaluation.

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

No	Component	Score Percentage
1	Assignment	5%
2	Seminar	5%
3	Attendance	10%
4	Test paper	20%

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 once the defined scheme of valuation.

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EVALUATION SCHEME

The evaluation shall we based on a predetermined transparent system involved in written test, 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
	Total marks	80

GRADING

% of total marks	Grade
>=90	A+
80-89	A
70-79	B+
60-69	В
50-59	C+
40-49	C
35-39	D
<35	Failed

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SYLLABUS CERTIFICATE COURSE IN WEB TECHNOLOGY

Duration: 30 hours

OBJECTIVES

- To explain the basics of the internet and web terminologies.
- · To explain how to develop a simple web application using HTML and CSS.
- · To introduce scripting language concepts for developing client-side applications.

COURSE OUTLINE

Module 1:

Web designing, Static and dynamic web pages, Scripts, Cascading Style Sheet, Basic concepts of HTML documents, Creating an HTML document, Essential HTML tags, Some common tags, HTML entities for reserved characters, Adding comments in HTML document, Inserting images. Lists in HTML, Creating links, Inserting music and video, Creating tables in a web page, Dividing the browser window, Forms in web pages.

Module 2:

CSS Introduction, CSS Selectors, External CSS and Internal CSS, Inline CSS, Comments, Colors, Backgrounds, CSS Borders and margins, CSS Padding, CSS Height, Width and Max-width, CSS Box Model and outlines, Text, Font, Icons, Links, Lists, Tables in CSS, CSS forms.

Module 3:

Getting started with JavaScript, Creating functions in JavaScript, Data types in JavaScript, Variables in JavaScript, Operators in JavaScript, Control structures in JavaScript, Built-in functions, Accessing values in a text box using JavaScript, Ways to add scripts to a web page.

Head & Assistant Professor

Head & Assistant Professor

Analytics

Analytics

Ponnant South 679586

PO Ponnant South 679586



MES PONNANI COLLEGE

Govt. Aided Institution | Affiliated to the University of Calicut Estd: 1968 | Recognized under UGC 2(f) & 12(B)

NAAC Re-accredited (III Cycle) with 'A+' Grade (CGPA 3.46)

DEPARTMENT OF DATA SCIENCE AND ANALYTICS

WEB TECHNOLOGY

2023 - 2024

COURSE DURATION - 30HRS

REGISTRATION LINK

https://docs.google.com/forms/d/e/1FAIpQLSd-7PLLr=sf_link

COURSE COORDINATER

SUHAILA T ASSISTANT PROFESSOR

DEPARTMENT OF DATA SCIENCE AND ANALYTICS

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

M.E.S PONNANI COLLEGE

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

DEPARTMENT OF DATA SCIENCE & ANALYTICS CERTIFICTE COURSE 2023-24: WEB TECHNOLOGY: STUDENTS ENROLLED

SL. NO	NAME	PROGRAMME	YEAR OF STUDY
1	AHAMMED SHEEZ K	BVoc.Data Science & Analytics	1st
2	AMJAD	BVoc.Data Science & Analytics	Ist
3	ARIF N A	BVoc.Data Science & Analytics	1st
4	MOHAMMED BILAL	BVoc.Data Science & Analytics	1st
5	MOHAMMED SHIBIL T	BVoc.Data Science & Analytics	1st
6	MOHAMMED SHIBILI	BVoc.Data Science & Analytics	1st
7	MUHAMMED ASHIQUE P	BVoc.Data Science & Analytics	1 st
8	MUHAMMED FAHEEM PULLANIKKATTIL	BVoc.Data Science & Analytics	1st
9	MUHAMMED FIDIL V V	BVoc.Data Science & Analytics	1 st
10	MUHAMMED UNAIS T	BVoc.Data Science & Analytics	1st
11	MUHSIN SWABRI K	BVoc.Data Science & Analytics	ıst
12	SHAHSAD	BVoc.Data Science & Analytics	1st
13	FEMINA K	BVoc.Data Science & Analytics	1st
14	SUMAYYA E	BVoc.Data Science & Analytics	1st
15	ABHINAND K	BVoc.Data Science & Analytics	ıst
16	ABINAV K	BVoc.Data Science & Analytics	ıst
17	AFSHAN P N	BVoc.Data Science & Analytics	1 st
18	AKMAL T P	BVoc.Data Science & Analytics	1st
19	AMAN HAALIM	BVoc.Data Science & Analytics	1st
20	DILJITH M U	BVoc.Data Science & Analytics	1st
21	FIROZ K	BVoc.Data Science & Analytics	1st
22	HAFIS V A	BVoc.Data Science & Analytics	1st
23	HUMRAZ JABIR P J	BVoc.Data Science & Analytics	1st

24	LIYO C RAJU	BVoc.Data Science & Analytics	1st Civ
25	MOHAMMED AQEEL M	BVoc.Data Science & Analytics	1st Ann
26	MOHAMMED SALIH C	BVoc.Data Science & Analytics	1st South
27	MOHAMMED SHAHAL V	BVoc.Data Scienc e & Analytics	1st Gr
28	MUHAMMED DILSHAD		1 st
29	MUNAVER K P	BVoc.Data Science & Analytics	1st Muster
30	DIYA F THAROLA	BVoc.Data Science & nalytics	2nd Du
31	JUMANA YASMIN	BVoc.Data Science & Analytics	2nd
32	AMEEN MOHAMMED	BVoc.Data Science & Analytics	2nd
33	MUHAMED HISYAM.P	BVoc.Data Science & Analytics	2 nd
34	NAVEED P P	BVoc.Data Science & Analytics	2 nd
35	FAHMIDA K	BVoc.Data Science & Analytics	2nd
36	FARHANA K	BVoc.Data Science & Analytics	2nd har
37	FATHIMATHUL JISNA	BVoc.Data Science & Analytics	2nd
38	LAMHATH JAHAN .K	BVoc.Data Science & Analytics	2nd
39	NIDHA ANAS	BVoc.Data Science & Analytics	2nd
40	AHAMMED AJSAL THANGAL	BVoc.Data Science & Analytics	2nd
41	ARUNNATH P	BVoc.Data Science & Analytics	2nd
42	ASWIN K B	BVoc.Data Science & Analytics	2nd
43	BURHAN SALOOJ.C.M.T	BVoc.Data Science & Analytics	2nd gal
44	FIDAL ALI V	BVoc.Data Science & Analytics	2nd Stud
45	MOHAMED ADIL T	BVoc.Data Science & Analytics	2nd
46	MOHAMED RAMSHAD P	BVoc.Data Science & Analytics	2nd 04
47	MOHAMMED AFNAN P	BVoc.Data Science & Analytics	2nd
48	MOHAMMED ANSHAD T	BVoc.Data Science & Analytics	2nd 4AL
49	MOHAMMED FAYAS C P	BVoc.Data Science & Analytics	2nd
50	MOHAMMED RAMIZ P A	BVoc.Data Science & Analytics	2nd All
51	MOHAMMED UVAIS V A	BVoc.Data Science & Analytics	2nd June
52	MUAMMED SINAN P P	BVoc.Data Science & Analytics	2nd
53	MUHAMMED SALSAN.C	BVoc.Data Science & Analytics	2nd
54	NASEEFU RAHMAN PP	BVoc.Data Science & Analytics	2nd
55	NASWID P V	BVoc.Data Science & Analytics	2nd

56	SABARINATH P V	BVoc.Data Science & Analytics	2nd	76
57	SAFUWAN	BVoc.Data Science & Analytics	2nd	-
58	SISIL FARZAQ M	BVoc.Data Science & Analytics	2nd	-0
59	UMARUL FAHAD	BVoc.Data Science & Analytics	2nd	Tid
60	NADIYA NASRIN	BVoc.Data Science & Analytics	3rd	10
61	ANSIL V V	BVoc.Data Science & Analytics	3rd	DE >
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64	MOHAMMED SALIH	BVoc.Data Science & Analytics	3rd	A

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Bata Sciences Renamics

MES Ponnani South - 679586

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MES PONNANI COLLEGE SEPARTMENT OF DATA SCIENCE AND ANALYTICS CERTIFICATE COURSE 2023-24

WEB TECHNOLOGY ATTENDANCE STATEMENT

SLNO	NAME OF THE STUDENT	1	2	3	4	5	6	7	8	9	10	E STA	12	13	14	15	16	17	10												
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Head & Assistant Professor Data Science & Analytics MES Ponnani College Ponnani South - 679586 Assistant Protessor in charge of the Principal MES Ponnani College P.O. Ponnani South - 679 586

MES PONNANI COLLEGE DEPARTMENT OF DATA SCIENCE AND ANALYTICS CERTIFICATE COURSE 2023-24 WEB TECHNOLOGY

.NO	NAME OF THE STUDENT	1	2	3	4	5	6	7	R	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	SIGN
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Data Science & Analytics MES Ponnani College PO Pennani South - 679116

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MES PONNANI COLLEGE DEPARTMENT OF DATA SCIENCE AND ANALYTICS CERTIFICATE COURSE 2023-24

WEB TECHNOLOGY

SLNO NAME OF THE STUDENT	ATTENDANCE STATEMENT
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Head & Assistant Professor
Data Science & Analytics
MES Ponnani Cellege
PO Ponnani South - 679586

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

SUMMARY REPORT AND COURSE OUTCOME

SUMMARY

The department of Data Science and Analytics has been conducted a certificate for the academic year 2023-2024 on 'Web Technology'. Syllabus include 3 modules. Duration of the course is 30 hours.

Web Technology refers to the various tools and techniques that are utilized in the process of communication between different types of devices over the Internet. A web browser is used to access web pages. Web browsers can be defined as programs that display text, data, pictures, animation and video on the Internet. Hyperlinked resources on the World Wide Web can be accessed using software interfaces provided by Web browsers.

This course is intended to teach the basics involved in publishing content on the World Wide Web. This includes the 'language of the Web'- HTML, the fundamentals of how the Internet and the Web function, a basic understanding of graphic production with a specific stress on creating graphics for the Web, and a general grounding introduction to more advanced topics such as programming and scripting. This will also expose students to the basic tools and applications used in Web publishing.

COURSE OUTCOME

Subgila T Doba

Upon successful completion of this course, student will have the knowledge and skills to:

- 1. Explains how secure communication is brought about on the web.
- 2. Describes the use of a web server and the concept of web hosting.
- Identifies the differences between programming languages and scripts and compares the different types of scripting languages.

Professor

- 4. Analyze a web page and identify its elements and attributes.
- 5. Create web pages using HTML and Cascading Style Sheets.
- 6. Build dynamic web pages using JavaScript (Client Side programming).

HOD

Principal



M E S PONNANI COLLEGE
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Estd.: 1968 | Recognized under UGC 2(f) & 12(8)
Ponnani South (PO), Malappuram, Kerala, India, Pin-679586
EMail: economic mes@gmail.com | economics@mesponnanicollege.ac.in

From,

Dr. Bushara M.V Head of Department Department of Economics MES Ponnani College

To

The Principal MES Ponnani College

Dear Sir,

Subject: Request for Approval of Certificate Course

I am writing to inform you that the Department of Economics is preparing to launch two certificate courses titled "Research methodology and Data analysis using excel" for UG students and Research methodology and Data analysis using SPSS and excel" for PG students (CC/ECOUG/23), CC/ECOPG/23. The course is designed to span 30 hours and will cater to UG and PG students respectively.

We seek your approval to proceed with this initiative.

Thank you.

Yours sincerely,



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Estd.: 1958 | Recognized under UGC 2(f) & 12(8)
Ponnani South (PO), Malappuram, Kerala, India, Pin-679586
EMail: economic mes@gmail.com | economics@mesponnanicollege.ac.in

From,

Dr. Bushara M.V. Head of Department Department of Economics MES Ponnani College

To,

The Principal MES Ponnani College

Dear Sir.

Sub: Request for Approval of Board of Studies for Certificate Course 2023-24

I write to formally seek your esteemed approval for the constitution of the Board of Studies for the Certificate Course entitled "Research methodology and Data analysis using excel" for UG students and "Research methodology and Data analysis using excel" to be conducted by the Department of Economics during the academic year 2023-24.

The proposed composition of the Board of Studies is as follows:

- 1. Dr. Bushara M.V. (Head of the Department and Chairman)
- Dr. Rejimon P.M., Associate Professor, Department of Economics, MD College, Pazhanji (Subject Expert from External Institution)
- 3. Ambili S, Assistant Professor, Department of Economics, MES KalladiCollege, Mannarkkad (Subject Expert from External Institution)
- 4. Dr. Asha Neendur (Course Co-ordinator)
- 5. Shamila V. U. (Course Co-ordinator)
- 6. Dr. Mujeeb Rahman, Faculty member

I request your prompt attention to facilitate the establishment of the Board of Studies with these distinguished members.

Thank you for your unwavering support and guidance

Yours faithfully,

Dr M.V Bushara

Head, Department of Economics

MES Ponnani College

28/07/2023



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MINUTES OF BOARD OF STUDIES MEETING

Venue: Department of Economics

Date:11/09/2023

Agenda: Discussion and Approval of the Syllabus of the Certificate Course 2023-24

Members Present:

1. Dr. Bushara M.V. (Head of the Department and Chairman)

2. Dr. Rejimon P.M., Associate Professor, Department of Economics, MD College, Pazhanji (Subject

Expert from External Institution)

3. Ambili S, Assistant Professor, Department of Economics, MES KalladiCollege, Mannarkkad

(Subject Expert from External Institution) Amals

4. Dr. Asha Neendur (Course Co-ordinator)

5. Shamila V. U. (Course Co-ordinator)

6. Dr. Mujeeb Rahman, Faculty Member

Proceedings:

The meeting was convened at the Department of Economics to deliberate upon and approve the syllabus for the Certificate Course 2023-24.

Discussion:

The Board of Studies engaged in extensive deliberations on the proposed syllabus.

Decision:

After careful consideration, the Board of Studies arrived at the following decision:

- Discussion on Syllabus: The members thoroughly reviewed and discussed each component of the syllabus for the Certificate Course 2023-24.
- Approval of Syllabus: It was resolved that the proposed syllabus meets the academic standards and requirements. The Board of Studies unanimously approved the syllabus as presented.

Action to be Taken

The approved syllabus will be submitted to the appropriate authorities for further action and implementation.



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

Certificate course UG 2023-24 Research methodology and data analysis using Excel-Curriculum I Objective

- Practical training to students in institutions.
- Promoting skill development among students.
- 3. Practical training to students to do research analysis

II Courses Offered

- Introduction to Research methodology
- Statistical data analysis using SPSS
- 3. Basics of Data Analysis, introduction to SPSS, importing data
- Data coding/management, DataTransformation, Descriptive statistics, T-test, Simple
- 5. paired T test, ANOVA, Chi Square,
- 6. Correlation analysis, Regresion Analysis, and report writing

III Eligibility criteria

Those students who passed Plus Two Science / Commerce, 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	Attendence	5%
3	Test paper	20%

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
В	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 percentageAn aggregate of C-grade (when external and internal put together) is required in the course for a pass.

Dr. BUSHARA.M.V
Assistant Professor and Head
P.G. Department of Economics
MES Ponnani College
P.O. Ponnani South, Pin: 679560



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

Syllabus for Certificate Course UG 2023-24 Research methodology and data analysis using excel

Course Co	ode:		
Duration	: 35Hrs	Maximum Marks: 100	
Feaching	Scheme:	Examination Scheme:	
Theory:		Internal Examination: 30 Marks	
Practical	: 25 Hrs	Class Test: 20 Marks	
Credit: 4		Assignment/Seminar/Viva: 5 Marks	
		Attendance : 5 Marks	
		External Examination: 70 Marks	
Aim			
1.	the fundamentals of Data Analys	udents will be able to understand sis and Data Visualization using SPSS	
Objectiv	es - The student will be able to		O CAROLED II
	Understand the features of SPSS tanalyze complex data	to prepare charts, tables, and professional re	eports and
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	Intended for anyone who is able	to interpot in English in a classroom env	tranment and
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1.	possesses knowledge of operatir basic features available in Microso Content (Nan	ng computers and to have a good prior under ft Excel.	Hours – Theory(T)
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Module I Module	possesses knowledge of operatir basic features available in Microso Content (Nan 1;Basics of Data Analysis,introduction Datacoding/management, Data test, Simple and paired T test, ANOVA, Chi	ng computers and to have a good prior under the Excel. ne of Topic) ction to SPSS, importing data Transformation, Descriptive statistics, T- i Square	Hours – Theory(T) Lab(L) 2T/8L
Module I Module II	possesses knowledge of operatir basic features available in Microso Content (Nan 1;Basics of Data Analysis,introduct Datacoding/management,Data test,Simple and paired T test,ANOVA,Chill Correlation analysis,Regresion	ng computers and to have a good prior under the Excel. ne of Topic) ction to SPSS, importing data Transformation, Descriptive statistics, T- i Square	Hours – Theory(T) Lab(L) 2T/8L 3T/7L

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



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PG Department of Economics



Conducts

Certificate course on

Research methodology and Data Analysis using Excel

Course Co-ordinator Shamila VII **Assistant Professor in Economics** PG Department of Economics

Mode: Hybrid

Duration: 30 Hours

2023-24 https://forms.gle/XmTJMHZ7iL9AsyDt7

Assistant Professor and Head P.G. Department of Economics

ME Fire in College Tm 5c Th, Fm: 679560



MES PONNANI COLLEGE.PONNANI DEPARTMENT OF ECONOMICS

Certificate courses B.A Economics 2023-24 Research Methodology and Data Analysis Using Excel Enrollment list

SI. No	Admission No	Name	Signature
1	10113	AJNA P H	NO
2	10542	ALISHMA FARIN.A.P	4
3	10699	FARSHIDA SHERIN P V	fagini
4	10413	FATHIMA P V	May.
5	10185	HAFSATH VP	Har
6	10058	HANEESHA RAHMAN, K	(Paranting)
7	10075	MINHA SHERIN.K	(G)
8	10507	MUHASINA M	Mubig
9	10092	NABEELA T	NAHED
10	10452	NEHALA T S	Neulah
11	10714	RINA SARBIN, P.P	Kine
12	10300	RINSHIDA P	T-Card
13	10633	RUBAYATH P	The sales
14	10351	RUMAISA M	1
15	10517	SALIMA FARSANA	3010
16	10151	SHAHANA SHERIN PV	Sta
17	10229	THABSHEERA A	Theele
18	10516	THANSEERA NASRIN	Tarret.
19	10514	ABDUL ADIL.P.P	100
20	10676	MOHAMMED FARHAN FAISAL AP	Japan
21	10546	MUHAMMAD ASLAM .P	100
22	10099	BEEGAM SANA K N	4
23	10072	NAJIYA	Awall
24	10329	RADHIKA A K	XXIDAY
25	10279	SALIHA V P	804
26	10224	ADHITHYA K P	#

Dr. BUSHARA, M.V.
Assistant Professor and Head
P.G. Den att, and of Economics
MES Parham Lollege
P.O. Punnational Professor

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32	10601	APARNA M B	In In
33	10195	ARSHANA SHERI PV	1020
34	10183	ASHIRA NASRIN.	00
35	10368	AYISHATHUL SHIFANA E P	Shitt
36	10460	BHAGYASREE M S	Usa
37	10177	BINSHAMEHA N V	-Ach
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45	10492	HAFSANA SHARIN. M	(Sec.)
	10059	HARSHA A'P	Hahara
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53	10114	NANDHANA P P	Dans
55	10445	NEJIYA SHERIN V P	R
	10526	NIRANJAN DAS	an
56	10128	PRATHYUSHA K U	Parthou
57	10528	SAFA MUHSINA, M. V	SHE.
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67	10390	MOHAMMED SINAN, P.V	\$2
68	10359	MUHAMMED FARIS K P	Of.

Dr. BUSHARA.M.V
Assistant Professor and Head
P.G. Department of Footomics
MES Ponnant Citiege
P.O. Ponnant South, Pin: 679560

70	10145	VISHNUDAS A.	VOS
71	9790	ADHIL GAFOOR PV	Cherry
72	9368	AJMALA THASNEEM	June 1
73	9880	ANEENA MARIYAM A V	Aucani
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91	9423	MUHAMMED AFLAH T	N. Marie
92	9361	FATHIMA AFEEFA M	Charles
93	9586	JINZIYA SIRIL	
94	9379	NAFILA SERIN T V	Alama
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MES PONNANI COLLEGE DEPARTMENT OF ECONOMICS

Certificate Course UG 2023-24

Certificate Course: Research Methodology and Data Analysis using SPSS and Excel

Enrollment List

SI.No	Name of the student	Signature
1	AFSIYA K	Aleman
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4	ASWATHI C	Aar
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MES PONNANI COLLEGE.PONNANI DEPARTMENT OF ECONOMICS

Certificate courses
B.A Economics 2023-24
Research Methodology and Data Analysis Using Excel

Attendance list

Class	Count	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	116	17	19	10	20	21	22	22	24	26	100	0.7	20	20	20
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	APARNA	OW	CA	Open	19 4	g 6	A 0	W 4				•	CA)	10	303	100	27	NW.	201	100	800	Val	News)	au)	ALL Y	المعا	March	Low	sas	Jel.	says	
	APARNA M B	100	Ser)	1	0	2	P M	18	8 20	فهوا تو	N	1 Y	W	Lens 1	NO.	1	70	1	AX	2	N	1	W	50	N.	20	1	JA.	Jul.	e Aa	Lie	
	ARSHANA SHERT PV	XX	No.	2	× 1	8	× 1	300	No.	No.	X	× ×	Ç.X	NA	XXX	XI)	700	料理	P	13	NO.	15/	NO Year	5	30	15	100 ASK	No.	1/2 1/2	1	- 8	
	ASHIRA NASRIN.	NO.	P.	S	8	S S	88	No.		K	4	7	3	Car.	TX XX	10 Co.	S.	(A)	n n		7	3	# A	R.	5	100		S.X	N N	(0)		y -
5	AYISHATHUL SHIFANA E P	Sud		X	4	W.	W.	25	X (q)	1	24	× 1	\$ P	AX	4			Ø.	A.A	3,3	47	4		130	A CONTRACTOR	12/09/	100		N	JA.	5	
5	BHAGYASREE M S	San	W.	W	v s	D'A	V W	20	70	e ae	1		2	0	1	2	N	M	Sal	8	N	2	100	2	NA NA	2	Jul Jul	15	10	me	M	
7	BINSHAMEHA N V	T	3	X	X	Ž/6	JE 55	3/4	y 67	5/	1	3	and the same	40gh	4	3	Salah Salah	CA)	10 F	4	18 3 S	50°	NAC.	678V	erge.	100°	20	843	CON CONTRACTOR	Der Jacob	Sep-	_
3	FAHEEMA I P	10	20	2	2	K-	2	2	× A	1		2	Sale.	0	5	他	Cher	0	D-	D	Rue	Gua	Ro	(Pa	Co	Q _D	for	Pau	Q ₂	Bu	Lap	
)	FAHIDHA	1	變		9		2		等 是	F E	+ 1	1	4	84	一年	8	要	THE	100	-	**	1	7	7	1	4	Jee.	7	- 1	4	20	
0	FATHIMA NIDA A.P	2	Did.	8	7	J.	\$	7	2		75	Z.	3	N. S.	P	1	3	A.	N. C.	×	>	A.	×	7	3	1	X	7	Se Contraction	0		
	FATHIMA NIDHA	and a			NAME OF THE PERSON OF THE PERS		N.	X	W	C		idle	المليا	July 1	TO N	ALIN	Nill	audi	Malle	Made	Die	THE PERSON NAMED IN	W.		Ma	WALL	Tree	M.	V	ON CO		
2	FATHIMATHUL MUFELIYA	P	Se .	8	2	盈.	Ser 9	pro !	N O	2 m	2	ME.	048	S	9	no.	new	erry	Mile	A	n	25	now.	Mar	- Service	SA.	100	1	PAL.	SIL-	ME	_
3	FIDA MIRFA P	28	1	7	W.	ept	ap 3	4	2 3	138	9	42	SP.	4	1	10	1	1.3	12	15	10	1	J.	100	Ind.	wat .	my	we	me	W	W	
4	HABEEBA C	المسل	954	المصل	Jose .	Y Y	1	1	10 3	1/4	4 3	1	JOH.	200	300	1	Jos	700	12	N	74	N	307	52	2	N	1	0.0				
5	HAFSANA SHARIN. M	38	S. Price	*	93	J.	S.	S.	34	D 3	NA S	W.	Self.	Sel.	40	Dod	D.	Que!	Or.	30	1	94	Sel.	ON CO	Od Od	0	0	(a)	62	100	9	
6	HARSHA A P	نها	6	Q	0	Ø	8	13	B 4	2 4	K	8	SV	180	3	10	1 50	9	10	100	19	10	1	.6	The	1	I	10	1	de	12	
7	LIMA P. K.	De	100	10	14	200	W	ph	to de	2 1	4	fle !	100	At.	1	100	1605	de	140	The sales	100	7	-ju	7	11	W I	90	-	92	1	A	-
18	MAHLUFA NASRIN V	政	1	3	-6	N'Y	*	· A	EX S	KX	ate 1	New N	ELEN	S. P.	200	770	LANGE OF THE PARTY	K-Co	- Alex	X	Diff	Nec a	THE REAL PROPERTY.	ENA.	CHE CONTRACT	- A	200	No.	THE STATE OF THE S		1	7
9	MUHSINA IFRATH	Ser.	S.	A A	2	3	1	S	7	1		S. S.	Call I	3	(3)	3	12	14	100	100	27	7.52	100 M	400	108	MA CAN	100	E WA	100	F-W6	1 000 1 000	1
50	MUNSHIDA K	43	-	-0	Tyle !	100	DE	1	100	20		*	D	MA	0	7	THE STATE OF	1	100	100	100	Tak	00	10	1/80	100	ON	21/10	m	100	100	1
51	MURSHIDA C	(g)	LIP	CAN	000	O	(0)	100	OUC.	0	1	1	(2)	100	400	100	S	14	14	14	14	100	1	101	- 24	TN	1	18	10	L N	Do	1
52	NAFIHA	17	De	N	1	47	N	W	2	60 C	8	KI	(1)	0	-	4-61	2	1.5	2	De	3	4 10	10	100	10	50	1	4	2 30%	4 3/0	100	1.
53	NAHLA NASRIN. P	No.	1	1	N.	N.	1	*	利	77	7	P	Y/	T	7	* 4	39	7	1	200	- N	18/	- N	N	No.	JNL NL	2	-DI	N DY	o AV		and a
54	NANDHANA P I	N	CW	106	1740	ΝÖ	Ma	De	1	April	70	No	Neg		94	and all groups	-	-	NA NA		F	2/10	TV	IN	M	W KVE	M	LXV	LYY	LING	Na	1
55	NEJIYA SHERIN	1 AL	are	en	2010	Ne	N	MA	N	NA)	Je.	New	N	The	- Pu	Ha	114	H	NO	- MB	MM	La	10		174	110	144	110	-	1100	1 8	-

P.G. HE ROTHER SOL

	VP ya sherin	40	0	0	P	40	80	P	P	K.	40	A	Act	40	40	Acr	je.	NOT !	A	ar.	N	40	40	90	P.	100	-	40	90	40	10
6		0	0	2	0	400	6	10	A	4	1	B	*	0	0	8	0	1	(D)	P	0	00	D	1	P	6	P	w	6		P
7	PRATHYUSHA K U	8	B	P	@	是	2	6	P	ę.	é	2	2	\$	8	8	Q	12	2	P	9	Ø	Q	\$	P	9	Ø	F	P	2	8
3	SAFA MUHSINA. M. V	1.60	2	92	ES	农	44	矬	48	d	sylv	Sele	继	50g	繼	1	See	Super	SUL	继	200	Sola	Sele	St.	Sala	30	Seyle	مطيع	sale	SOF	Calle Control
	SAMVRUTHA .P .P	and a	0	05	0	(Cop	O.	9	200	UT.	Ong	ON.	O.	(Que	0	0	0	0	One	Bry.	(Jens	(Dyan)	On The	200	0	Or.	0	(A)	On.	De	()W
)	SANAA K	4	Jak.	and the	#	450	1	1	13	1	of	1	M	M.	1	19	1997	01	dill	M	of	of	09/	091	1997	1	99	de	038	0	000
	SHAFNA T P	××	Y	1	X	1	CON	W	S	1	N. W.	De X	1	No.	W	V	No. of Street, or other Persons	SUR	99	September 1	Nur	Marke	96×	Mer	Spire	Stere	N/SW	Just	Store	ALM.	300
2	SUMIHA.P	De.	spik.	gix	PA	8 X	p.	gar.	14 AC	#AC	912	de	HARM	800	N DEW	DE	200	3000	Kura	Mark	Pola	State	De	16000	3 Dees	200	Herma	Burn	HOP	200	Bal
	ADHWAITH A	04	W	包	10	100	pt.	Dr.	H,	W	book	Doch	book	Parl	P	A.	1	de	Dr	200	May.	John .	~	D.	-	Par	ALC:	De	D	The T	P
1	ASH!F IQBAL T	×	A	A	JK.	W	盛	*	馬	N.	M	No.	25	1	De	- DAY	-	24	ME	A ST	-	-	维	1	AF.	**	WH.	域	AST.	神	-
	ATHUL KRISHNA T	غر	D#	Par S	30	Jac.	No.	Jay .	30	No.	Ame	All of	P	D	De	W	Am	Dec.)	M	M	1300	A	Del	Sol	Del.	D	8	Dur	3	3
	FAHAD V	3	19	8	19	1	8	1	3	3	d	d	7	31	K	31	18	31	3/	3	3/	31	91	31	K	31	34	21	1/5	3/1	1/6
	MOHAMMED JIFADH.P.H	W.		gat	94	est	al	af	28	4	-المدا	04	or	18	22	4	est	0.04	ملا	a	04	es	Q.	40	عه	al	OF.	20	W	w	90
3	MOHAMMED SINAN, P.V	A	W	A	Y	W	A	A	M	4	Y	4	4	닏	H	F	H	F	F	1	k	K	M	W	M	K	be	1	h	b	b
)	MUHAMMED FARIS K P	OX	OX	OK.	03	Ox	0	ok	3	8	87	00	OX	Cy	OX	d	O.	X	C)X	0	QX.	Q.	ox	X	0	W	JAK.	DX.	y	On the	0
)	VISHNUDAS A.	150	A	S	24	K	64	-64	1	0	10	S.	100	J.	EST.	SX	B.	138	1	757	SI	W.	SH	SE	W.	St.	S.	FOY	Sk.	190	W
1	ADHIL GAFOOR PV	00		Q	Q	Q	10	Q	Q	Ø.	R	P	0	B	R	R	B	8	R	8	R	B	R	•	Q.	R	8	*	R	B	8
2	AJMALA THASNEEM	April 1	NA P	M	N	V.	100	40	100	N	1/02	No.	18X	PS .	18 P	New	13	N	N	13	N. T.	13	14	AND I	N	N	A	d	Zª	M	/ X
3	ANEENA MARIYAM A	GO.		A	-59	d	4	đ	\$	d	d	d	and less	A	हैं।	27	e	8	A	E	SM	91	8	d	\$	59	12	8	d	ET EST	8
4	ASHFEENA P	MA	100	10	P	P	B	1/2	B	板	釋	梅	AR	摇	1	P	P	DE	ASS	AR	APP	网	THE	R	100	13	果	THE STATE OF THE S	0/	224	12
5	FARHANA P P	M	100	100	10	1	A	14	17.4	*	Par	A	30	1	194	page.	1	PA	1	100	199	Day.	box	ngshi	MA-	(44)	1	13	44	(39)	17
5	FARHANA U P	W	401	41		16	de	le	10	(k)	Lec	les	(Or	la	Ver	V	100	100	10	400	10	la	Uls	Cel	1/10	Vou	y le	W	car	You	1
7	FATHIMA SHIFNA P	ليو	4	WX.	NA.	34	54	94	god	QX	STATE	300	sold	gut	Stat	Sha	sh	sid	Shet	Sid	Sid	gas	Sta	sut	Ship	SER	Sul	SUR	Ship	State	¥
	HANEENA SHERIN	Mil	w/	in	Ho	Pod Pod	nes	apl	Horf	14P	Hert	W	tool	uset	the	W	tod	M	de	w	Link	w	red.	del	the	der	the	H	135	A REAL	ak
8	ERAVASSERI	500	1.6	not d	1.04	ind	100	116	TES.	frafi	e.0	-th	100	-0	106	00	100	10	10	10	10	100	(NA)	(W)	W	10	con	100	0	100	(3)
9	HANNATH	1	YEN	18	YXV.	140	YELV	100	LEA	W	BOC	MA	the	Doc	Ther	How	1		(A)	18	100	100	160	160	10	AVO	I RON	100	1	1264	190

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	SHERIN A M	440	-10	449	44	1/1/1/1	414	44	g-fle	4/19	4	300	grup .	her	(high	ary	drep	with	her	119	1/2	1/2	thos	- Just	at	SHE	4/1	42	THE	4	-lbo
0	HIJA SHABNAM V P	H/P	Щ	nija	Nija	Hije	山	du	HO	Hija	Hijd	H)A	mi	Hija	Ніје,	HIJEL	HO4	<u>Hija</u>	Hild	HUB	H.Oa	Hije	ktGa	itija.	Hefa	HIJA	нф	Hija	нди	. HIJU	地區
í	MUBASHIRA T K	MA	Die	m	M	m	Ed	- CU	mul	mul	mile	mub	mub	aub	mulb	oub		1000	1011200	and the same	mub	(June 1	5	Contract to	nub	mub	mut.	mub	mch	. Inda	mub
2	MURSHIDA	M	OC.	100	11/2	M	M				M				M	12				1 2		M		1	M	N	12	1	1	12	12
3	NAHIDHA K C	Ne	THE .	blar	abi	Chik	POLIN	Plat	Olak	plow	dala			Nelson	richer		1				Die	سليك	Die	Neck	DES	dala	John	DES	MILES	Char	Distrib
4	OFEERA T	w	-14	104	B	Of	19	00	000	0%	0%	af	Of	08	00	OB	00	处	DB	08	OB	08	OF.	000	OB	00	eg.	00	OF	08	08
5	RIBAA NASRIN A	Silve	A. Year	P. P.	A A	1	Y	3	3	23	3	43	O'NO	Q. W	Jida	Q LOW	Q3dy	ON THE	ON	DAY.	& Ste	O'SON	ON.	04/9/	C)TA	1	de	CAN.	CHA!	T. Day	Q.M
6	SHAHNA THASNI.N	(m)	B.X	BAR B	N.X	yX.	No.	S. S.	4	Ay	₽X	D'A	gul	\$ X	Shark	900	B. &	Both	**	graffe .	Blook	of the state of	dr.	8 fresh	By you	of all	gg.va	gh.h.	gr.	Star	fis
7	SHAMEEMA NASRIN K K	6	50	82	50	52	3.	5	鱼	50	9	4	2	4	5	9	5	至	5.	2	5	8	2	5	5	8	6	8	2	5	2
8	SHAMNA SAREEN	1	NO	曲	400	450	30	AD)	eggy	800	BUT	405	Sal	500	40	with the	900	501	HOD	5	SON	400	400	400	ACT	Mar.	400	STOS	400	400	300
9	SULFATH T K	40	40	430	82	hy	44	484	834	44	44	44	Say	w	44		42	· 93	44	814	524	600	44	54	54	82	Suy	Say	82	45	Su
0	ABID K P	100	和	Ma	加	The	Mo	4 X	Mr	Mar	the	True	Alex	Mys	Mora	Mas	Au	Alore	Mar	My	Ale	Alex	Ans.	Alse	-Man	Alex	Box	Mrs	- Non	Alm	Here
1	MUHAMMED AFLAH T	BEE	did	and a	1	age.	and a	130	3	B	Sep.	NO Y	de	No.	edd/	de	odd	0	B	Sex.	do	de	dd	D	No.	AND	SON Y	ST.	Sylv.	Sep.	No.
2	FATHIMA AFEEFA M	En	Ses	E	8	1	Su	Sen	Sa	Ser	Su	些	B	Eng	Say	Bo	Son	fre	An	Ser	600	Se	Su	de	Fiz.	Ser	Su	Fo	Le	- Sa	For
3	JINZIYA SIRIL	100	100	لتطول	10	10	160	100	16th	160	JEST.	360	You	Ve	Side	Just	Jes	000	Bu	Yest	de	160	Som	Mal	Joseph	Just	1/02	John	die	Sin	God
)4	NAFILA SERIN T V	84	W	NA)	MA	A	W	N. S.	A	NA	SIF	New	W	NA.	White	1449	del	New	Jed	dal	rid	10	" John	Jak,	Hale	169	0	edak	idele	M	17/19
15	RAMLA M I	be	be	BOR	12	Race	Rose	300	1	Roce	202	Rana	100	Bare	Bass	Baro	Ban	Rec	Rac	Born	gen2	B000	Ran	gam	Ear	For	Seco	Read	Rem	Pare	Ber.
96	ASHIN MOHAMMED CHENGANA KUNNAN	t die	*h	Ath	A	M	M	Ma	1th	A LA	Adai	Adre	Adm	Ash	Addi	Aklin	Ash	Ash	dela	Ash	Marie	Ali	Mi	抽	A STATE OF THE PARTY OF THE PAR	Ash	Ashi	Mu	Al		Ash
97	SAYED AFREED K M	D	D.	0	0	0	1	B	4		P	P	A	@	P	B	A)	æ	B	M	1	P	10	(He)	4	A	A	B	A)	H	H
8	CHANDANA P	11/2	-66	1/2	100	14	466	160	4	Ch	-4	dra	de	ch	ch	de	Clar	Ch	Chy	16	ch	cly.	Cly	Ch	de	de	Clar	Ch	ch	de	00
9	AFNA RISHIL	10	ME.	O	0	0		60	100	0	0	10	1	0	100	10	100	65	10	6	(CO	00	CO	W	W	(D)	to	00	CO	00	w
00	AISWARYA K P													OK		95	BUS	BS			BH			BK	80	816	0	1711	AK	La	1915
01	AMEENA.M	800	ACC	PSD	PE	BOO	800	PIO	0	700	000	an	1900	000	and	000	800	BM2	BOL	an	200	200	000	000	BID	an	9m	om	DO	Bos	200
102	ANSHIFA SHERIN .P	m	100	如	1	1	6	1	600	An	.An	AND THE	m	m	64	and	And	And	m	And	And	200	m	And	FOR	FR	Arw	And	And	Any	An

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	AND INDEED A	O	611	(A)	7	(A)	LAI	LA	4	LAV	12	-81	4	Z	1 /4	1063	6	/ax	0	(CA)	~	-50	AN	1200	2700	200	20	A (4)	00		200
03	ANUSREE.A	No.	OK PA	000	(N)	130	473	100	OS	100	dos	000	ON	903	000	COS	W	(0)	000	092			17.7	-					Cor	000	04
104	ARUNA V	402	-	250	-	-	-	192	-	32	-	12.40	100			-		50	A32	00		8.9	812	AD					90		
105	ВІЛЅНА N К	free	feel	my	guil	Bus	Bush	R.s.	fired	que	Part	gail	4.Lu	Brit	2nd	grut	Bran	Rose	me.	424	ma	purl	Bur	pula	Bruk	phal	Buch	ZAH	1200	Bull	12,143
106	DILSHA RAIHANA K P	Xª.	1	1			3	-	B		8	A	1	A	1	N.	M	8	*	6	A	*	A	M	林	oth	1	50	3t	0	0
107	GANASRI M	600	(ry	64	er	634	CA	610	00	(4)	Cre	Cay	Cor	CAR	Cro	one	Cre	(ny	CH	Crue	Cru	un	Car		4	- Lase	CAL	cre	Cre	· Cru	lev
108	HANNA A	44	U	Mu	AL	11h	No	Ale	Xky	NY	NA	NKW		Jah	116	NA	Mh	J.	Like	Nh.	Wa	de	NB	ML	旭	NE	Me	Her	ld2	Mer	m
109	HASNA SHERI K P	9	D	P	B	9	0	1	9	3	P	O	(g)	W	W	arter .	9 /	A/	(B)	3/	9	(9)	0	13	Pap	O)	9	8	8	B	3
110	JASEENA HASSAN	100	0	0	0	(D)	0	0	100	1	100	1	A STATE OF THE PARTY OF THE PAR	100	100	100	100	100	100		100	0	THE REAL PROPERTY.	100	100	100	100	100	100	100	Tax
111	JILSHA P	601	6	0	·V	6	Ling	1	190	100	-60	blo	10	160	Joseph	160	1/2	100	194	roll	HA	Hot	Hue	100	Myle	to	(1)	16	he	60	12
112	NAJA JASMIN K. P	0	0	4	3	3	3	0	0	3			3	0	S	3	0	0	3	3	3	S	3	Chris	9	S.			(A)	0	19
113	NANDHANA E K	63	21	2	0	0	0	0	A	9	0	cy	CA	80	19	10	0	0	00	0	D	0	on	0	10	Cop	es	Or	130	100	3
114	NASIRA NASRI TP	S.	9	8	3	New	Alexo	May 1	Sec.	4	3	180	S	To the second	Tag I	To the second	17/1	A.	TOP TO	The state of the s	160	夢	No.	THE STATE OF THE S	Shary	No.	A STATE OF THE STA	Age of the second	ST S	The second	TEN
115	NIMITHA A	142	ple	do	No	26	12	34	do	0	de	200	da	1/2	6/4	do	30	de	de	1	SIL	de	Dis	de	1/20	Ny	Da	de	7	The	4
116	PONNY P S	44	94	14	08	44	40	64	44	w	w	un	get	4	44		gut	54	44	gaj	4	wi	get	art	44	sey	44	4	54	44	MY
117	RADHIKA K R	*	b	AC	DC	×	M	F."	W.	4	AN	K	24	4	4	m-	ev	\$PT	4	De	BIN	N	ST.	.0-	本	2	7	200	An	3	12K
118	RAHITHA E	()	al C	包	600	das	0	(B)	-	-	24764	Ra	pahi	THE REAL PROPERTY.	The second second	(600	Rab	-	ear	6	gan	EOF	Cabo	gars	Rab		perh			gan	-
119	RAMEESA P P	20	Loge 1	212	2-0	Pop	Rose	21	Re	200	24	24	Rut	2nd	-	200	1	100	que.	-	Decimon		Rock	21	set	Red	Lot	Deel	1.500	2,8	2_
120	RANIYA R	RE	25	Ro	24	RS	pr	25	RI	B	21	27	14	15	25	45	-	Pf	25	21	29	21	RT	25	25	41	2.7	21	Dog	Re	24
121	RINSHIDA BANU T	(A)		MO.	1	8	B	10X	A	茶	·	×	亦	M	A	21	PAK	180	0	A	R	70	Ø	8	釰	Ø	B	a	A	SI	310
122	RISVANA K	Dr	Day	214	PK	14	S.F	24	Ry	194	25	434	14	334	14	My	826	24	e.u	DUK	ful	LM	84	- 44	24	PK	14	24	H	-2n	Pie
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P.G. Department of Economics
NES Ponnani College
MES Ponnani South, Pin: 679560



PG DEPARTMENT OF ECONOMICS

MES PONNANI COLLEGE

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Report on Certificate Course on Research Methodology and Data Analysis using EXCEL

Course Coordinator: Shamila V U, Assistant Professor in Economics

Hybrid Mode | Duration: 30 Hours | October 10 - December 20, 2023

Total Participants: 208 Students

Executive Summary:

This report outlines the Certificate Course on Research Methodology and Data Analysis using SPSS, conducted by the P.G Department of Economics at MES Ponnani College. The course was coordinated by Assistant Professor Shamila V U and was held in a hybrid mode, with 218 students attending. The course spanned over a period of 30 hours, commencing on October 10 and concluding on December 20, 2023. This report provides an overview of the course, its objectives, structure, and the outcomes achieved.

Introduction:

The Certificate Course on Research Methodology and Data Analysis using EXCEL aimed to equip students with essential research skills and data analysis techniques. The course was designed to bridge the gap between theoretical knowledge and practical application, preparing students to undertake research projects and analyze data effectively using Statistical Package for the Social Sciences EXCEL.

> Dr. BUSHARA.M.V Assistant Professor and Head P.G. Department of Economics MES Ponnani Callege

Course Objectives:

The primary objectives of the course were as follows:

- > To introduce students to the fundamental concepts and principles of research
- > To provide hands-on training in using EXCEL for data entry, cleaning, and analysis.
- To enhance students' ability to interpret and present research findings
- > To foster critical thinking and problem-solving skills in the context of research.

Course Structure:

The course was structured as follows:

Week 1-2: Introduction to Research Methodology

Basics of research and its significance.

Research design and types.

Formulation of research questions and hypotheses.

Week 3-4: Data Collection and Sampling

Data collection methods.

Sampling techniques and sample size determination.

Survey and questionnaire design.

Week 5-6: Data Entry and Cleaning with EXCEL

Introduction to EXCEL.

Data entry and data coding.

Data cleaning and validation.

Week 7-8: Data Analysis with EXCEL

Descriptive statistics.

Inferential statistics (t-tests, ANOVA, regression analysis).

Interpretation of EXCEL output.

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Week 9-10: Data Visualization and Reporting

Data visualization techniques.

Report writing and presentation skills.

Ethical considerations in research.

Course Outcomes:

At the end of the course, participants were able to:

- Understand the key principles of research methodology.
- Apply various data collection and sampling techniques.
- Use EXCEL for data entry, cleaning, and basic data analysis.
- Interpret and present research findings effectively.
- Demonstrate ethical research conduct.

Conclusion:

The Certificate Course on Research Methodology and Data Analysis using SPSS, conducted by the P.G Department of Economics at [University Name], was a successful endeavor in equipping students with essential research skills. The hybrid mode allowed students to access the course content both online and in person, catering to diverse learning preferences.

The course coordinator, Assistant Professor Shamila V U, played a crucial role in ensuring the course's smooth delivery and actively engaging students in the learning process. The 218 students who attended the course demonstrated a commendable level of commitment and enthusiasm for acquiring research and data analysis skills.

The skills and knowledge gained in this course will undoubtedly benefit the participants in their academic and professional pursuits, empowering them to conduct high-quality research and contribute to the field of economics and social sciences.

Recommendations:

➤ To further enhance the effectiveness of such courses, the following recommendations are made:

Dr. BUSHARA.M.V

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- > Continuous updates and integration of the latest research methods and software tools.
- Regular feedback from participants to identify areas of improvement.
- Expanding the course offerings to cater to a broader audience.

The success of this certificate course underscores the importance of research methodology and data analysis skills in academia and beyond, highlighting the commitment of MES Ponnani College to providing valuable and practical education to its students.

Acknowledgment:

We would like to express our gratitude to Assistant Professor Shamila V U for her dedication and efforts in coordinating and conducting this course. We also thank the students for their active participation and enthusiasm throughout the course.

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PG DEPARTMENT OF ECONOMICS

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Certificate course PG 2023-24 Research methodology and data analysis using SPSS & ExcelCurriculum

I Objective

- 4. Practical training to students in institutions.
- Promoting skill development among students.
- Practical training to students to do research analysis

II Courses Offered

- 7. Introduction to Research methodology
- 8. Statistical data analysis using SPSS
- 9. Basics of Data Analysis, introduction to SPSS, importing data
- 10. Data coding/management, Data Transformation, Descriptive statistics, T-test, Simple
- 11. paired T test, ANOVA, Chi Square,
- 12. Correlation analysis, Regresion Analysis, and report writing

III Eligibility criteria

Those students who passed Plus Two Science / Commerce, 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	Attendence	5%
3	Test paper	20%

Dr. BUSHARA, M

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
В	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 course for a pass.

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EMail: economic mes@gmail.som | sconomics@mesponnanicollege.ac.in

Syllabus for Certificate Course P G 2023-24

Research methodology and data analysis using SPSS and Excel

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PG Department Of Economics

Conducts

Certificate course on
Research methodology and Data Analysis
using SPSS and Excel

Course Co-ordinator
Asha Neendur

Aassistant Professor In Economics PG Department Of Economics Mode: Hybrid

Duration: 30 Hours

2023-24

https://forms.gle/XmTJMHZ7il9AsyD+7

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MES PONNANI COLLEGE, PONNANI P.G DEPARTMENT OF ECONOMICS

Certificate course.

M.A Economics 2023-24

Name of the Course: Research Methodology and Data Analysis Using SPSS and Excel Attendance List

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Dr. BUSHARA.M.

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P.G. Department of Economics

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Dr. BUSHARA.M.V

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Report on Certificate Course on Research Methodology and Data Analysis using EXCEL and SPSS

Course Coordinator: DrAshaNeendur, Assistant Professor in Economics

Hybrid Mode | Duration: 30 Hours | October 10 - December 20, 2023

Total Participants: 60 Students

Executive Summary:

This report outlines the Certificate Course on Research Methodology and Data Analysis using SPSS and Excel, conducted by the P.G Department of Economics at MES Ponnani College. The course was coordinated by Assistant Professor DrAshaNeendurV U and was held in a hybrid mode, with 60 students attending. The course spanned over a period of 30 hours, commencing on October 10 and concluding on December 20, 2023. This report provides an overview of the course, its objectives, structure, and the outcomes achieved.

Introduction:

The Certificate Course on Research Methodology and Data Analysis using SPSS and EXCEL aimed to equip students with essential research skills and data analysis techniques. The course was designed to bridge the gap between theoretical knowledge and practical application, preparing students to undertake research

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projects and analyze data effectively using Statistical Package for the Social Sciences SPSS and EXCEL.

Course Objectives:

The primary objectives of the course were as follows:

- To introduce students to the fundamental concepts and principles of research methodology.
- To provide hands-on training in using SPSS and EXCEL for data entry, cleaning, and analysis.
- To enhance students' ability to interpret and present research findings.
- > To foster critical thinking and problem-solving skills in the context of research.

Course Structure:

The course was structured as follows:

Week 1-2: Introduction to Research Methodology

Basics of research and its significance.

Research design and types.

Formulation of research questions and hypotheses.

Week 3-4: Data Collection and Sampling

Data collection methods.

Sampling techniques and sample size determination.

Survey and questionnaire design.

Week 5-6: Data Entry and Cleaning with SPSS and EXCEL

Introduction to SPSS and EXCEL.

Data entry and data coding.

Data cleaning and validation.

Week 7-8: Data Analysis with SPSS and EXCEL

Dr. BUSHAFA M.V
Assistant Professor and Head
P.G. Department of Economics

P.O. Ponnani South, Pin: 679560

Descriptive statistics.

Inferential statistics (t-tests, ANOVA, regression analysis).

Interpretation of SPSS and EXCEL output.

Week 9-10: Data Visualization and Reporting

Data visualization techniques.

Report writing and presentation skills.

Ethical considerations in research.

Course Outcomes:

At the end of the course, participants were able to:

- Understand the key principles of research methodology.
- > Apply various data collection and sampling techniques.
- Use SPSS and EXCEL for data entry, cleaning, and basic data analysis.
- > Interpret and present research findings effectively.
- > Demonstrate ethical research conduct.

Conclusion:

The Certificate Course on Research Methodology and Data Analysis using SPSS, conducted by the P.G Department of Economics MES Ponnani College, was a successful endeavor in equipping students with essential research skills. The hybrid mode allowed students to access the course content both online and in person, catering to diverse learning preferences.

The course coordinator, Assistant Professor DrAshaNeendur, played a crucial role in ensuring the course's smooth delivery and actively engaging students in the learning process. The 60 students who attended the course demonstrated a commendable level of commitment and enthusiasm for acquiring research and data analysis skills.

The skills and knowledge gained in this course will undoubtedly benefit the participants in their academic and professional pursuits, empowering them to

Dr. BUSHARA, M.V
Assistant Professor and Head
P.G. Department of Economics
MES Ponnant College

P.O. Ponnani South, Pin: 679560

conduct high-quality research and contribute to the field of economics and social sciences.

Recommendations:

To further enhance the effectiveness of such courses, the following recommendations are made:

- Continuous updates and integration of the latest research methods and software tools.
- > Regular feedback from participants to identify areas of improvement.
- > Expanding the course offerings to cater to a broader audience.

The success of this certificate course underscores the importance of research methodology and data analysis skills in academia and beyond, highlighting the commitment of MES Ponnani College to providing valuable and practical education to its students.

Acknowledgment:

We would like to express our gratitude to Dr.Asha Neendur for her dedication and efforts in coordinating and conducting this course. We also thank the students for their active participation and enthusiasm throughout the course.

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DEPARTMENT OF ENGLISH

(Govt. Aided & Affiliated to University of Calicut)

Ponnani South P.O. Malappuram, Kerala-679 Phone: 04942666077, 0494266978 Website: www.mesnni.ac.in

Website: www.mespni.ac.in E-Mail: english@mespni.ac.in

From,

Dr. Sameera Haneef Head of Department Department of English MES Ponnani College

To,

The Principal MES Ponnani College

Dear Sir,

Subject: Request for Approval of Certificate Course

I am writing to inform you that the Department of English is preparing to launch a certificate course titled "Certificate Course in English for Competitive Examinations" (MPCCENCE). The course is designed to span 30 hours and will cater to both undergraduate students.

We seek your approval to proceed with this initiative.

Thank you.

Yours sincerely,

Dr. Sameera Haneef, Department of English

Place: Ponnani

Date: 24/07/2023



DEPARTMENT OF ENGLISH

(Govt. Aided & Affiliated to University of Calicut)

Ponnani South P.O. Malappuram, Kerala-679 Phone: 04942666077, 0494266978 Website: www.mespni.ac.in E-Mail: english@mespni.ac.in

From,

Dr. Sameera Haneef, Head of Department, Department of English, MES Ponnani College

To,

The Principal MES Ponnani College

Dear Sir,

Sub: Request for Approval of Board of Studies for Certificate Course 2023-24

I write to formally seek your esteemed approval for the constitution of the Board of Studies for the Certificate Course entitled "Certificate Course in English for Competitive Examinations" (MPCCENCE), to be conducted by the Department of English during the academic year 2023-24.

The proposed composition of the Board of Studies is as follows:

- 1. Dr. Sameera Haneef (Head of the Department and Chairman)
- Dr. Krishna Sunder A, Assistant Professor, KAHM Unity Women's College, Manjeri (Subject Expert from External Institution)
- 3. Ms. Mona V M, Assistant Professor, M.E.S Asmabi College (Subject Expert from External Institution)
- 4. Dr. Sameera Haneef (Course Co-ordinator)
- 5. Dr. Ameera V. U. (Assistant Professor, Department of English)
- 6. Dr. Najila T Y (Assistant Professor, Department of English)
- 7. Dr. Reshmi Ravindran P (Assistant Professor, Department of English)
- 8. Farisha V. M. (Assistant Professor, Department of English)
- 9. Thahsin Z Husain (Assistant Professor, Department of English)
- 10. Amal Lal K (Assistant Professor, Department of English)



DEPARTMENT OF ENGLISH

(Govt. Aided & Affiliated to University of Calicut)

Ponnani South P.O. Malappuram, Kerala-676 Phone: 04942666077, 0494266978

Website: www.mespni.ac.in E-Mail: english@mespni.ac.in

I respectfully request your prompt attention to facilitate the establishment of the Board of Studies with these distinguished members.

Thank you for your unwavering support and guidance

Yours faithfully,

Dr. Sameera Haneef,

Head, Department of English

27/07/2023



DEPARTMENT OF ENGLISH

(Govt. Aided & Affiliated to University of Calicut)

Ponnani South P.O, Malappuram, Kerala-679 Phone: 04942666077, 04942(60978)

Website: www.mespni.ac.in E-Mail: english@mespni.ac.in

MINUTES OF BOARD OF STUDIES MEETING

Venue: Department of English

Date: 03/08/2024

Agenda: Discussion and Approval of the Syllabus of the Certificate Course 2023-24

Members Present:

1. Dr. Sameera Haneef (Head of the Department and Chairman)

2. Dr. Krishna Sunder A, Assistant Professor, KAHM Unity Women's College, Manjeri (Subject Expert from External Institution)

3. Ms. Mona V M, Assistant Professor, M.E.S Asmabi College

(Subject Expert from External Institution)

4. Dr. Sameera Haneef (Course Co-ordinator)

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DEPARTMENT OF ENGLISH

(Govt. Aided & Affiliated to University of Calicut)

Ponnani South P.O. Malappuram, Kerala-624 Phone: 04942666077, 0494266978 Website: www.mespni.ac.in E-Mail: english@mespni.ac.in

Proceedings:

The meeting was convened at the Department of English to deliberate upon and approve the syllabus for the Certificate Course 2023-24.

Discussion:

The Board of Studies engaged in extensive deliberations on the proposed syllabus.

Decision:

After careful consideration, the Board of Studies arrived at the following decision:

- 1. Discussion on Syllabus: The members thoroughly reviewed and discussed each component of the syllabus for the Certificate Course 2023-24.
- 2. Approval of Syllabus: It was resolved that the proposed syllabus meets the academic standards and requirements. The Board of Studies unanimously approved the syllabus as presented.

Action to be Taken

The approved syllabus will be submitted to the appropriate authorities for further action and implementation.



DEPARTMENT OF ENGLISH

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Ponnani South P.O. Malappuram, Kerala-679 Phone: 04942666077, 0494266978

Website: www.mespni.ac.in E-Mail: english@mespm.ac.in

CERTIFICATE COURSE IN ENGLISH FOR COMPETITIVE EXAMINATIONS 2023-24

CURRICULUM

The Certificate in English for Competitive Examinations, a comprehensive program designed to enhance your English language skills specifically tailored for competitive exams. This course is ideal for individuals preparing for various competitive exams, including civil services, bank exams, GRE, GMAT, TOEFL, IELTS, and more.

Course Objectives:

- 1. Improve Language Proficiency: Enhance your command of English grammar, vocabulary, and usage to meet the rigorous standards of competitive exams.
- 2. Master Exam Techniques: Develop effective strategies for tackling of competitive exams, including sections different comprehension, verbal reasoning, and essay writing.
- 3. Boost Test Confidence: Build confidence through targeted practice and mock tests to ensure you are well-prepared for the actual examination environment.
- 4. Refine Communication Skills: Strengthen both written and oral communication skills, focusing

Program Outcome

Upon completion of this course, students will:

- 1. Develop a strong command of the English language, including grammar, vocabulary, reading comprehension, and writing skills.
- Enhance their ability to understand and analyze complex texts.
- 3. Improve their performance in the English sections of competitive examinations such as GRE, TOEFL, IELTS, SAT, and national level exams.
- 4. Gain confidence in their ability to communicate effectively in English in both written and spoken forms.



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Website: www.mespni.ac.in E-Mail: english@mespni.ac.in

Course Structure

Total Duration: 30 hours

Modules: 4

Eligibility Criteria

- Minimum educational qualification: High school diploma or equivalent.
- Basic understanding of English is required.
- No age limit.

Scheme of Examination

- Total Marks: 100

- Internal Evaluation: 40 marks

- External Evaluation: 60 marks

Internal Evaluation

- Assignments (4): 20 marks (5 marks each)

- Quizzes (4): 20 marks (5 marks each)

External Evaluation

- Final Written Examination: 60 marks

- Grammar and Vocabulary: 15 marks

- Reading Comprehension: 15 marks



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- Writing Skills: 15 marks

- Verbal Ability and Logical Reasoning: 15 marks

Direct Grading System

- A+ (90-100 marks): Excellent

- A (80-89 marks): Very Good

- B+ (70-79 marks): Good

- B (60-69 marks): Satisfactory

- C+ (50-59 marks): Average

- C (40-49 marks): Pass

- F (Below 40 marks): Fail



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SYLLABUS

Module 1: Grammar and Vocabulary (8 hours)

- Parts of speech
- Sentence structure
- Common grammatical errors
- Synonyms, antonyms, idioms, and phrases

Module 2: Reading Comprehension (8 hours)

- Techniques for quick reading
- Identifying main ideas and supporting details
- Understanding context and tone
- Answering comprehension questions

Module 3: Writing Skills (7 hours)

- Essay writing
- Letter and email writing
- Precis writing
- Report writing

Module 4: Verbal Ability and Logical Reasoning (7 hours)

- Sentence completion
- Para jumbles
- Critical reasoning
- Logical deductions



DEPARTMENT OF ENGLISH

Certificate Course In

ENGLISH FOR

COMPETATIVE EXAMINATIONS

2023-24

Enroll now Registration Link:

https://forms.gle/Ahda2BF8YYLWEdps6

Mode: Hybrid

Duration: 30 hours



COORDINATOR:

DR.SAMEERA HANEEF english@mesponnanicollege.ac.in

MES PONNANI COLLEGE, PONNANI DEPARTMENT OF ENGLISH

CERTIFICATE COURSE IN ENGLISH FOR COMPETITIVE EXAMINATIONS

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MES PONNANI COLLEGE, PONNANI DEPARTMENT OF ENGLISH

CERTIFICATE COURSE IN ENGLISH FOR COMPETITIVE EXAMINATIONS

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MES PONNANI COLLEGE, PONNANI DEPARTMENT OF ENGLISH

CERTIFICATE COURSE IN ENGLISH FOR COMPETITIVE EXAMINATIONS

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MES PONNANI COLLEGE, PONNANI DEPARTMENT OF EN 2023-24 Attendance Sheet CERTIFICATE COURSE IN ENGLISH FOR COMPETITIVE EXAMINATIONS

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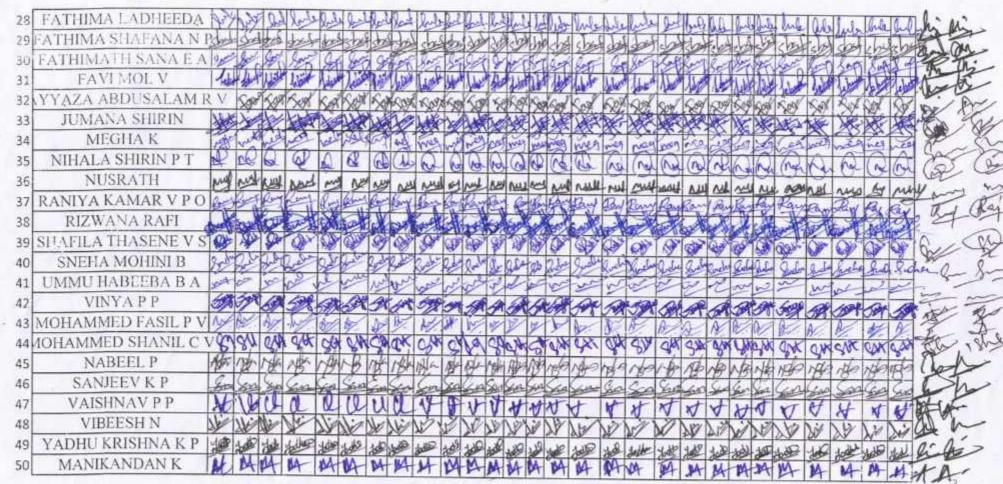
MES PONNANI COLLEGE, PONNANI DEPARTMENT OF EN 2023-24 Attendance Sheet

CERTIFICATE COURSE IN ENGLISH FOR COMPETITIVE EXAMINATIONS

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MES PONNANI COLLEGE, PONNANI DEPARTMENT OF EN 2023-24 Attendance Sheet

CERTIFICATE COURSE IN ENGLISH FOR COMPETITIVE OXAMIN'S TIOM

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MES PONNANI COLLEGE

DEPARTMENT OF ENGLISH

(Govt. Aided & Affiliated to University of Calicut)

Ponnani South P.O, Malappuram, Kerala-679 Phone: 04942666077, 0494266978

Website: www.mespni.ac.in E-Mail: english@mespni.ac.in

SUMMARY REPORT OF THE COURSE

The Certificate Course in English for Competitive Examinations is designed to equip students with the necessary skills to excel in the English sections of various competitive exams. 163 students from the Department of English enrolled for the course and all of them completed the course successfully. The course spans 30 hours, divided into four comprehensive modules focusing on grammar and vocabulary, reading comprehension, writing skills, and verbal ability and logical reasoning.

Eligibility for the course requires a high school diploma or equivalent and a basic understanding of English. The course employs a robust evaluation scheme comprising internal and external assessments, with a total of 100 marks. Internal evaluations are based on assignments and quizzes, while the external evaluation consists of a final written examination.

A direct grading system ensures clarity in performance assessment, ranging from A+ (excellent) to F (fail). By the end of the course, students will have significantly improved their English language proficiency, critical thinking abilities, and confidence, enabling them to achieve higher scores in competitive examinations and succeed in their academic and professional endeavors.

Ponnani South P.O, Malappuram, Kerala, 679586 Ph: 0494-266077 www.mesponnanicollege.org

e-mail: fd@mespni.ac.in

(Govt. Aided & Affiliated to University of Calicut Re-accredited by NAAC with A+ grade CGPA 3.46)

From

Refna P Head of Department Department of fashion design and management MES Ponnani College

To

The Principal MES Ponnani College

Dear Sir.

Subject: Request for Approval of Certificate Course

I am writing to inform you that the Department of fashion design and management is preparing to launch a certificate course titled "Management concepts and business ethics" (MPCCMCBE). The course is designed to span 30 hours and will cater to undergraduate students.

We seek your approval to proceed with this initiative.

Thank you.

Yours sincerely,

Refna p

Department of fashion design and management

Place: ponnani

Date: 18/07/2023

Head & Assistant Professor Fashion Design & Management MES Ponnani College PO Ponnani South - 679586

e-mail: fd@mespni.ac.in

Ponnani South P.O, Malappuram, Kerala, 679586 Ph: 0494-266077 www.mesponnanicollege.org

(Govt. Aided & Affiliated to University of Calicut Re-accredited by NAAC with A+ grade CGPA 3.46)

From,

Refna p

Head of Department
Department of fashion design and management
MES Ponnani College

To,

The Principal MES Ponnani College

Dear Sir,

Sub: Request for Approval of Board of Studies for Certificate Course 2023-24

I write to formally seek your esteemed approval for the constitution of the Board of Studies for the Certificate Course entitled "Management concepts and business ethics" (MPCCMCBE), to be conducted by the Department of fashion design and management during the academic year 2023-24.

The proposed composition of the Board of Studies is as follows:

- Refna p (Head of the Department and chairman)
- Rini Reji, Assistant professor, B.Voc fashion technology, Carmel College Mala (Subject Expert from External Institution)
- 3. Sukhitha p (Course Co-ordinator)
- Sneha k (Assistant professor, Department of fashion design and management)
- Hanima p (Assistant professor, Department of fashion design and management)

I respectfully request your prompt attention to facilitate the establishment of the Board of Studies with these distinguished members.

Thank you for your unwavering support and guidance

Yours faithfully,

Refna p Head, Department of fashion design and management

22/07/2023

25

Head & Assistant Professor Fashion Design & Management MES Ponnani College PO Ponnani South - 679586

e-mail: fd@mespni.ac.in

Ponnani South P.O, Malappuram, Kerala, 679586 Ph: 0494-266077 www.mesponnanicollege.org

MINUTES OF BOARD OF STUDIES MEETING

Venue: Department of fashion design and management

Re-accredited by NAAC with A+ grade CGPA 3.46)

Date: 12/12/2023

Agenda: Discussion and Approval of the Syllabus of the Certificate Course 2023-24

Members Present:

1. Refna p (Head of the Department and chairman)

2. Rini Reji, Assistant professor, B.Voc fashion technology, Carmel College Mala (Subject Expert from External Institution)

3. Sukhitha p (Course Co-ordinator)

4. Sneha k (Assistant professor, Department of fashion design and management)

5. Hanima p (Assistant professor, Department of fashion design and management)

Proceedings:

The meeting was convened at the Department of fashion design and management to deliberate upon and approve the syllabus for the Certificate Course 2023-24.

Discussion:

The Board of Studies engaged in extensive deliberations on the proposed syllabus.

Decision:

After careful consideration, the Board of Studies arrived at the following decision:

- Discussion on Syllabus: The members thoroughly reviewed and discussed each component of the syllabus for the Certificate Course 2023-24.
- Approval of Syllabus: It was resolved that the proposed syllabus meets the academic standards and requirements. The Board of Studies unanimously approved the syllabus as presented.

Action to be Taken

The approved syllabus will be submitted to the appropriate authorities for ther action and implementation.

Head & Assistant Feesbother

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> Fashion Design & Management MES Ponnani College PO Ponnani South - 679536

CERTICATE COURSE ON "MANAGEMENT CONCEPTS AND BUSINESS ETHICS" CURRICULUM

(2023-2024)

I. Objectives

- To understand the process of business management and its functions.
- To familiarize the students with current management practices.
- To acquire knowledge and capability to develop ethical practices.

II. Course Offered

Develop knowledge about business management and ethics.

III. Eligibility criteria

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

The scheme of examination

The course has duration of 3 months (30 hours) in online mood. 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.** 30% score shall be given to the internal evaluation and the remaining 70% to external evaluation.

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

No	Component	Score Percentage
1	Assignment	5%
2	Seminar	5%
3	Attendance	10%
4	Test paper	20%

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.



MES PONNANI COLLEGE

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Evaluation scheme

The evaluation shall we based on a predetermined transparent system involved in written test, class room participation based on attendance, assignments and seminar/ viva etc.

Components of evaluation

Components	Marks
	10
	50
	10
	10
	80
	Components Class room participation based on attendance Test paper Assignment Viva Total

Grading

% of total mark	Grade
>= 90	A+
80-89	A
70- 79	B+
60- 69	В
50-59	C+
40-49	C
35-39	D
<35	FAILED

Course Coordinator

HOD.

Head & Assistant Professor Fashion Design & Management MES Ponnani College

Assisted Professor in certificipal Principal MES Ponnani College P.O. Ponnani South - 679 586

onnaicollege.org, Ph: 0494-2666077 (O email: principal. ecompa agmail.com

DEPARTMENT OF FASHION DESIGN AND MANAGEMENT

SYLLABUS

MANAGEMENT CONCEPTS AND BUSINESS ETHICS

Duration: 30 hours.

Total mark: 100

OBJECTIVES

- To understand the process of business management and its functions.
- To familiarize the students with current management practices.
- To understand the importance of ethics in business.
- To acquire knowledge and capability to develop ethical practices.

UNIT 1

Nature and scope of management; evaluation of management- schools of management thoughts; Henry Fayol principles of management; management as a science and an ar; concepts and principles of management; functions of management.

UNIT 2

Functions of management - planning: types of plan; planning process; organizing: span of control, line and staff organizing; centralization and decentralisation; delegation, directing: principles of direction; Coordinating and controlling.

UNIT 3

Manager vs leaders; leadership and motivation; leadership style; theories of motivation, MBO; management of performance; understanding and managing group process; characteristics of work group, productivity; efficient; effectiveness

UNIT 4

Ethics, culture and values: importance of culture in organization; Indian ethos and value systems; model of management in the Indian socio political environment; work ethos; Indian heritage in production and consumption.

UNIT 5

Business ethics: Relevance of values in management; Holistic approach for managers in decision making; Ethical management: Role of organisational culture in ethics; structure of ethics management; Ethics Committee.

REFERENCES :-

- 1. Harold Koontz & Heinz Weihrich , Essential of management, Tara McGraw Hill , New Delhi.
- Managerial Skills For All E.H. McGrath, prestige Hall of India Ltd.
- 3. P.C. Tripathy And P.N. Reddy , Principles of management, Tata McGraw Hill , New Delhi.

Head & Assistant Professor
Fashion Design & Management
MES Ponnani College
PO Ponnani South - 679586

IES Ponnani College
Institution | Affiliated to the
Calicut | Estd : 1968. Recognize
Index



MANAGEMENT

MANAGEMENT

Certificate Course in

MANAGEMENT CONCEPTS
AND BUSINESS ETHICS
2023-24

Course duration -30 hours

Registration Link

https://docs.google.com/forms/d/1zVZyd5UYCGJ0

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Head & Assistant Professor Fashion Design & Management MES Bonnani College PO Ponnani South - 679586



Course Coordinator Sukhitha p

Assistant professor
Department of fashiodesign and management



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LIST OF STUDENTS ENROLLED FOR THE CERTIFICATE COURCE

MANAGEMENT CONCEPTS AND BUSINESS ETHICS

SL no	Name	Programme	Year	Signature
1	Abhay krishna . A	B. Voc JDM	2nd year	Abhay
a	Adhars.VP	g voc IDM	2 nd Year	Adhas.
3	Ajmala farhath. VA	BVOC FOM	2nd year	Ajmbla
4	Anaina. C	B. VOC FDM	2nd year	Anaines
2	Aysha fidha .KM	BVOC FOM	and year.	ALCON TO THE REAL PROPERTY OF THE PERTY OF T
6	Fahmida. P	BVOC FDM	2nd Year	1
7	Fairooza Abdusalam RV	Broc . tou	2nd year.	7
ç	Fajaru Sadik Abdul	B. Voc FDM	2nd year	Jacan).
9	Farhath Nargees	B. voc . Fom	2 nel year	Fortutt-
10	Fathima Safwana .MP	BVOC FDM	2nd year	atomi
11	Hanna, P	B VOC FDM	sudyeou	Hamiles
12	Mohammed yaseen	B. YOC FDM	end year	year
13	Muneer . K	B. Voc IDM	2 nd years	Maneer.
14	Nabeel. A	B-Voc FDM	2 net y ear	Maked
15	Naifa .VM	Broc . FDM	2nd year	Marks.
16	Rafqana	B. Voc. JDM	2nd year	Rafqun
13	Rihaba	B. Voc 10m	2 nd year	Pihaba
14	Sahad saleel .PB	Biros tow	endreal	saled.
15	Sangamithra , KS	B. Voc FDM	20 2 nd	n State.



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P.O. PONNANI SOUTH, PIN - 679 586.

do	Sulthan salahudheen Ayoobi	B. Yoc FDM	2nd year.	settle.
di	Sulthan TM	B. YOC FDM	2nd year.	Siathan
વવ	Vijesh M	B. Vocfom	and year	Vijesh.
93	Niloofar Sulthan Naseer	B. VooFDM	3 dyear	etitoo Pay
dq	Fabeena C	B. VOE FAM	3rd year	fateurs.
95	Jishna	B. Voc FDM	87d4	de Same
96	Navami	B. VOC FDM	3rd year	nlavami
22	Shahala P	B Voc FDM	gratyean	Sherkele P
ac	Abdul salam	B. Voc FDM	3rd year	AS-
29	Abijith UM	B. Voc FDM	3 th year	ADD .
30	Abijith UM	B. Yoc FDM	3rd year	ED.
31	Pranav T	B. NOC FOW	3rd 4000	62
39	Sainullabid K	B. Voc FDM	3rd year	Saunullah
23	Sufail PT	B. voc FDM	3rd year	Salant.
34	Abdusamad PV	B. Yoc FDM	Bay Leg	Abda.
35	Burhana H	13. voc FDM	2023	**
36	Fathima Hanna K	B. VOC FOM	2023	hell
33	Fathimath Nehana CK	B. yoc I DM	1st year	FARA
34	Jasla KP	B. Voc FDM	2023	- Jule
34	Jasna KJ	B. Voc FDM	Ust year	Josha.
40	Mahroofa TK	BUDIC FOM	2023	There-



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49	Mohammed Shamil MK	B. Voc fom	1st year	shamil-
43	Mufakkir Ahammed UM	B. VOC IDM	Ust year	mufater.
44	Muhammad Sahal K	B. Voc IDM	LSt year	Sala
45	Muhammad Hashim OV	B. VOCEDM	Ust pear	6
46	Muhammad Navas	B. Voc FOM	Ust year	Narras
42	Muhammad Rifadali	B. VOCF DM	Vst xea	Rifadoli
48	Najiya Nasrin KK	1st year B vac FDM	2023	negreges
45	Nandhitha K	1 St Year BIVOC FDM	2023	La Color
50	Nasim yousuf CP	B-VOCFOM	Ut yew	atomal.
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12	Nowshidha A	B-vocFDM	Ust year	Nowsbally
53	Rasila P	Ist your Broc Suchion &	2023	la .
54	Saja Parvin P	1st year Billia FDM	2023	Sofe
22	Shabeer	B-Voc FDM	1 st year	Shaboos
56	Arjun	1st year Brec FDM	2023	Nogen
52	Thajudheen	1' B- VOC FDM	1 st year	Thank
54	Safeer	1st years B. NOC FOR	2023	J. J.

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

59	Abijith UM	389 Broc 7 DM	dott.	Winter
60	Fathima Nehna CK	14. Bra . FUM.	4090	Marie.
61	Muhammed Hashim	First year FUN	0000	Year.



MES PONNANI COLLEGE

DEPARTMENT OF FASHION DESIGNING AND MANAGEMENT

CERTIFICATE COURSE 2023-24

MANAGEMENT CONCEPTS AND BUSINESS ETHICS

ATTENDANCE STATEMENT

LNO	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 N	27 \war	28 \(\alpha = \)	29	30
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Assistant Professor in charge of the Principal MES Ponnani College P.O. Ponnani South - 679 586 Head & Assistant Professor
Fashion Design & Management
MES Ponnani College
PO Ponnani South - 679586

Head & Assist South Sout

SUMMARY REPORT AND COURCE OUTCOMES

SUMMARY

The Departments of fashion design and management had conducted a certificate course Management concepts and Business ethics in the academic year 2023 - 2024. Syllabus includes 5 modules. Duration of the course was 30 hours. Total 61 students has been enrolled and all the students successfully completed the programme.

Management Concepts and Business Ethics is a type of cource where students to learn about the concepts of management in which both the classical and contemporary approaches to management are deal with. It deals with the relevance of ethics, culture and values in sustaining organisations.

COURSE OUTCOMES

- · Acquire knowledge on the principles of management.
- · To develop in-depth understanding of functions of various management
- · Describe business ethics and its importance

· Create a basic structure of business culture and values.

HOD

Head & Assistant Professor Fashion Design & Management MES Ponnani College PO Ponnani South - 679596 Principal





M.E.S. PONNANI COLLEGE, PONNANI

(Government Aided Institution, Affiliated to the University of Calicut; NAAC Re-accredited with 'A' Grade)

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Dr. V.K. Brijesh Assistant Professor & Head

July 24, 2023

To

The Principal MES Ponnani College

Dear Sir,

Subject: Request for Approval of Certificate Course

I am writing to inform you that the Department of Geology is preparing to launch a certificate course titled "Certificate Course in Advanced Groundwater Modelling" (MPCCAGM) for postgraduate students. The course is designed to span 30 hours.

We seek your approval to proceed with this initiative.

Thanking You

Yours Sincerely,

Dr. V. K. Brijesh



M.E.S. PONNANI COLLEGE, PONNANI

(Government Aided Institution, Affiliated to the University of Calicut; NAAC Re-accredited with 'A' Grade)

Ponnani South-PO · Malappuram-District · Kerala 697586 · INDIA Phone: +91 494 266 6077 · Fax: +91 494 266 9788 · E-mail: geology.mes@gmail.com Website: www.mesponnanicollege.org

Dr. V.K. Brijesh Assistant Professor & Head

July 27, 2023

To

The Principal MES Ponnani College

Dear Sir,

Sub: Request for Approval of Board of Studies for Certificate Course 2023-24

I write to formally seek your esteemed approval for the constitution of the Board of Studies for the Certificate Course entitled "Certificate Course in Advanced Groundwater Modelling" (MPCCAGM), to be conducted by the Department of Geology during the academic year 2023-24.

The proposed composition of the Board of Studies is as follows:

- 1. Dr. V. K. Brijesh (Head of the Department, Chairman and Course Co-ordinator)
- Dr. A.N. Manoharan, Assistant Professor, Govt. College, Kasargode (Subject Expert from External Institution)
- R. Tharun, Assistant Professor, Christ College, Irinjalakuda (Subject Expert from External Institution)
- 4. Dr. C. Sreejith (Assistant Professor, Department of Geology)
- 5. P. K. Abdul Nafih (Assistant Professor, Department of Geology)
- 6. Dr. V. Santhosh (Assistant Professor, Department of Geology)
- 7. Dr. K. S. Arunkumar (Assistant Professor, Department of Geology)
- 8. Dr. M. Nithya (Assistant Professor, Department of Geology)

I respectfully request your prompt attention to facilitate the establishment of the Board of Studies with these distinguished members.

Thank you for your unwavering support and guidance

Yours faithfully,

Dr. V.K. Brijesh,

Head, Department of Geology



M.E.S. PONNANI COLLEGE, PONNANI

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MINUTES OF BOARD OF STUDIES MEETING

Venue: Conference Hall Date: 10/08/2024

Agenda: Discussion and Approval of the Syllabus of the Certificate Course 2023-24 titled "Certificate course in Advanced Groundwater Modelling" (MPCCAGM)

Members Present:

1. Dr. V. K. Brijesh (Head of the Department, Chairman and Course Co-ordinator)

2. Dr. A.N. Manoharan, Assistant Professor, Govt. College, Kasargode (Subject Expert from External Institution)

3. Tharun R, Assistant Professor, Christ College, Irinjalakuda (Subject Expert from External Institution)

4. Dr. C. Sreejith (Assistant Professor, Department of Geology)

5. P. K. Abdul Nafih (Assistant Professor, Department of Geology)

6. Dr. V. Santhosh (Assistant Professor, Department of Geology)

Dr. K. S. Arunkumar (Assistant Professor, Department of Geology)

8. Dr. M. Nithya (Assistant Professor, Department of Geology)

Proceedings:

The meeting was convened at the Department of Geology to deliberate upon and approve the syllabus for the Certificate Course 2023-24.

Discussion:

The Board of Studies engaged in extensive deliberations on the proposed syllabus.

Decision:

After careful consideration, the Board of Studies arrived at the following decision:

 Discussion on Syllabus: The members thoroughly reviewed and discussed each component of the syllabus for the Certificate Course 2023-24.

Approval of Syllabus: It was resolved that the proposed syllabus meets the academic standards and requirements. The Board of Studies unanimously approved the syllabus as presented.

Action to be taken

The approved syllabus will be submitted to the appropriate authorities for further action and implementation.

Mob: +91 9495 072 725; E-mail: brij.earth@gmail.com

MES PONNANI COLLEGE Department of PG Studies and Research in Geology Curriculum

Regulations, Eligibility, Scheme and Syllabus For

Certificate course in Advanced Groundwater Modelling

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 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
В	Very good	3	2.50 to3.49
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.

SYLLABUS

MPCCAGM: Certificate Course in Advanced Groundwater Modelling

Duration: 30 Hours

Course Objectives:

- Understand fundamental concepts of groundwater hydrology.
- · Learn basic principles of groundwater flow and solute transport.
- · Introduce participants to the techniques and tools used in groundwater modelling.
- Develop hands-on skills using groundwater modelling software.

Module 1: Principles of Groundwater Flow

Fundamentals of Groundwater Flow: Governing equations for groundwater flow, Steady-state and transient flow conditions, Confined and unconfined aquifers

Boundary Conditions in Groundwater Modelling: Types of boundaries: constant head, noflow, general head

Aquifer Tests and Data Collection: Pumping tests, slug tests, tracer tests

Module 2: Introduction to Groundwater Modelling

Types of Groundwater Models: Analytical vs. numerical models, Flow models, solute transport models

Introduction to MODFLOW: Overview of MODFLOW as a groundwater flow model, Modular structure of MODFLOW, Input and output requirements

Basic Concepts in Model Setup: Defining model domain, grid discretization, time steps, Calibration, validation, and sensitivity analysis

Module 3: Groundwater Modelling Using Software

Hands-On Training in Groundwater Modelling Software: Introduction to the interface of popular groundwater modelling tools (e.g., MODFLOW, Visual MODFLOW, GMS, FEFLOW), Building a conceptual model: defining geometry, boundaries, initial conditions, Model calibration and parameter estimation

Practical Exercises: Simple flow model setup in MODFLOW, Calibration using observed data

Suggested Readings:

- "Applied Groundwater Modelling: Simulation of Flow and Advective Transport" by Mary P. Anderson and William W. Woessner.
- "Groundwater Hydrology" by David Todd and Larry W. Mays.
- "The Handbook of Groundwater Engineering" by Jacques W. Delleur.

Certificate Course Advanced Groundwater Modelling List of Students (2023-24)

Sl. No.	Reg. No.	Name of Students	Programme	Signature
1	POAWMAG001	Adila Aboobacker	M. Sc. Applied Geology	-
2	POAWMAG002	Anjali, A.	M. Sc. Applied Geology	-Anj
3	POAWMAG003	Arshada, P.	M. Sc. Applied Geology	t-
4	POAWMAG004	Arshida Thasneen	M. Sc. Applied Geology	Anthon
5	POAWMAG005	Catherine C. Joseph	M. Sc. Applied Geology	Se.
6	POAWMAG006	Fathima Lujain, T.K.	M. Sc. Applied Geology	Thorne
7	POAWMAG007	Fathimath Nahla, M.K.	M. Sc. Applied Geology	Nels.
8	POAWMAG008	Irshana, P.	M. Sc. Applied Geology	a dela
9	POAWMAG009	Jisly Shareefa, M.I.	M. Sc. Applied Geology	DV-
10	POAWMAG010	Kavya Jayarajan	M. Sc. Applied Geology	ASharranh:
11	POAWMAG011	Kavya Sivaraman	M. Sc. Applied Geology	Harre .
12	POAWMAG012	Labeeba	M. Sc. Applied Geology	
13	POAWMAG013	Nazna Nazar	M. Sc. Applied Geology	Niceral
14	POAWMAG014	Nimisha, N.K.	M. Sc. Applied Geology	Nature (100)
15	POAWMAG015	Ruchika, C.P.	M. Sc. Applied Geology	(Value
16	POAWMAG016	Shaukiya Faheem, V.P.	M. Sc. Applied Geology	Jane 14
17	POAWMAG019	Muhammed Hunais, E.K.	M. Sc. Applied Geology	theyed
18	POAWMAG020	Muhammed Ihsan	M. Sc. Applied Geology	(QQun
19	POAWMAG021	Sreeram V. Nair	M. Sc. Applied Geology	Contraction of the second
20	POAXMAG001	Adhila Sumayya, K	M. Sc. Applied Geology	Surgers.
21	POAXMAG002	Adila, K.R	M. Sc. Applied Geology	date
22	POAXMAG003	Ajimsha, T. Aji	M. Sc. Applied Geology	122
23	POAXMAG004	Arsha Fathima, T.	M. Sc. Applied Geology	days.
24	POAXMAG005	Aswani, K.	M. Sc. Applied Geology	ALACE .
25	POAXMAG006	Dhanalakshmi, K	M. Sc. Applied Geology	(Distally)
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28	POAXMAG009	Nafeesa Huda Habeeb	M. Sc. Applied Geology	There
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30	POAXMAG011	Raniya, K	M. Sc. Applied Geology	Daine !
31	POAXMAG012	Riswana, C.M	M. Sc. Applied Geology	Carenas
32	POAXMAG013	Sakhna Sakkir	M. Sc. Applied Geology	C
33	POAXMAG014	Shimna, C.P	M. Sc. Applied Geology	(marie)
34	POAXMAG015	Swetha, R.	M. Sc. Applied Geology	de
35	POAXMAG016	Abhishek, P	M. Sc. Applied Geology	dim
36	POAXMAG017	Adnan, M.	M. Sc. Applied Geology	MILE
37	POAXMAG018	Devanandan, P.S.	M. Sc. Applied Geology	100
38	POAXMAG019	Muhammed Sibilin	M. Sc. Applied Geology	CIO
39	POAXMAG020	Rassel K Rahman	M. Sc. Applied Geology	To the
40	POAXMAG021	Sahad Irfan	M. Sc. Applied Geology	0

Attendance Sheet Certificate Course: MPCCAGM: Advanced Groundwater Modelling 2023-24

Name of the students	3/10/23	4/10/23	5/10/23	6/10/23	9/10/23	10/10/23	11/10/23	12/10/22	12/10/02	164000
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Attendance Sheet Certificate Course: MPCCAGM: Advanced Groundwater Modelling 2023-24

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Attendance Sheet Certificate Course: MPCCAGM: Advanced Groundwater Modelling 2023-24

Name of the students	6/11/23	9/11/23	14/11/23	17/11/23	22/11/23	28/11/23	5/12/23	7/12/23	8/12/23	12/12/23
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Ponnaní South-PO · Malappuram-District · Kerala 697586 · INDIA Phone: +91 494 266 6077 · Fax: +91 494 266 9788 · E-mail: geology.mes@gmail.com

Website: www.mesponnanicollege.org

Summary report for the Certificate Course in Advanced Groundwater Modelling (MPCCAGM) 2023-2024

The Department of Postgraduate Studies and Research in Geology conducted a certificate course for postgraduate students during the academic year 2023-2024. The course, titled "Certificate Course in Advanced Groundwater Modelling (MPCCAGM)," was designed to provide students with both theoretical knowledge and practical skills in groundwater modeling. The course was structured to cover 30 hours of instruction, evenly divided between lectures and hands-on practical sessions, allowing students to apply theoretical concepts to real-world groundwater modeling scenarios. A total of 40 postgraduate students were enrolled in the program. Throughout the course, students engaged with a variety of topics, including the fundamentals of groundwater flow, numerical modeling techniques, and the use of specialized software tools for groundwater simulation. All 40 students successfully completed the program, demonstrating proficiency in both the theoretical and practical components of the course. Upon completion, each student was awarded a certificate of completion, recognizing their successful participation in the "Advanced Groundwater Modelling" course.



M.E.S. PONNANI COLLEGE, PONNANI

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Dr. V.K. Brijesh Assistant Professor & Head

July 26, 2023

To

The Principal MES Ponnani College

Dear Sir,

Subject: Request for Approval of Certificate Course

I am writing to inform you that the Department of Geology is preparing to launch a certificate course titled "Certificate Course in Basic Geological mapping" (MPCCBGM) for undergraduate students. The course is designed to span 30 hours.

We seek your approval to proceed with this initiative.

Thanking You

Yours Sincerely,

Dr. V. K. Brijesh



DEPARTMENT OF P.G. STUDIES AND RESEARCH IN GEOLOGY

M.E.S. PONNANI COLLEGE, PONNANI

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Dr. V.K. Brijesh Assistant Professor & Head

July 31, 2023

To

The Principal MES Ponnani College

Dear Sir.

Sub: Request for Approval of Board of Studies for Certificate Course 2023-24

I write to formally seek your esteemed approval for the constitution of the Board of Studies for the Certificate Course entitled "Certificate Course in Basic Geological Mapping" (MPCCBGM), to be conducted by the Department of Geology during the academic year 2023-24.

The proposed composition of the Board of Studies is as follows:

- 1. Dr. V. K. Brijesh (Head of the Department and Chairman)
- Dr. K. Anto Francis, Associate Professor, Christ College Irinjalakuda (Subject Expert from External Institution)
- Dr. Linto Alapatt, Assistant Professor, Christ College, Irinjalakuda (Subject Expert from External Institution)
- 4. Dr. C. Sreejith (Assistant Professor, Department of Geology)
- 5. P. K. Abdul Nafih (Course Co-ordinator, Assistant Professor, Department of Geology)
- 6. Dr. V. Santhosh (Assistant Professor, Department of Geology)
- 7. Dr. K. S. Arunkumar (Assistant Professor, Department of Geology)
- 8. Dr. M. Nithya (Assistant Professor, Department of Geology)

I respectfully request your prompt attention to facilitate the establishment of the Board of Studies with these distinguished members.

Thank you for your unwavering support and guidance

Yours faithfully,

Dr. V.K. Brijesh,

Head, Department of Geology



DEPARTMENT OF P.G. STUDIES AND RESEARCH IN GEOLOGY

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MINUTES OF BOARD OF STUDIES MEETING

Venue: Conference Hall Date: 11/08/2023

Agenda: Discussion and Approval of the Syllabus of the Certificate Course 2023-24 titled "Certificate course in Basic Geological Mapping" (MPCCBGM)

Members Present:

1. Dr. V. K. Brijesh (Head of the Department and Chairman)

2. Dr. K. Anto Francis, Associate Professor, Christ College Irinjalakuda (Subject Vallatuda (Subject Expert Vallatuda (Subject Vallatuda (Subject Vallatuda (Subject Expert Vallatuda (Subject Vallatud

from External Institution)

4. Dr. C. Sreejith (Assistant Professor, Department of Geology)

5. P. K. Abdul Nafih (Course Co-ordinator, Assistant Professor, Department of Geology)

6. Dr. V. Santhosh (Assistant Professor, Department of Geology)

7. Dr. K. S. Arunkumar (Assistant Professor, Department of Geology

8. Dr. M. Nithya (Assistant Professor, Department of Geology

Proceedings:

The meeting was convened at the Department of Geology to deliberate upon and approve the syllabus for the Certificate Course 2023-24.

Discussion:

The Board of Studies engaged in extensive deliberations on the proposed syllabus.

Decision:

After careful consideration, the Board of Studies arrived at the following decision:

1. Discussion on Syllabus: The members thoroughly reviewed and discussed each component of the syllabus for the Certificate Course 2023-24.

2. Approval of Syllabus: It was resolved that the proposed syllabus meets the academic standards and requirements. The Board of Studies unanimously approved the syllabus as presented.

Action to be taken

The approved syllabus will be submitted to the appropriate authorities for further action and implementation.

Mob: +91 9495 072 725; E-mail: brij.earth@gmail.com

MES PONNANI COLLEGE Department of PG Studies and Research in Geology Curriculum

Regulations, Eligibility, Scheme and Syllabus For Certificate course in Basic Geological Mapping

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 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
В	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 The second is a second	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.

SYLLABUS

MPCCBGM: Certificate Course in Basic Geological Mapping

Duration: 30 Hours

Course Objectives:

· Introduce participants to the fundamentals of geological mapping.

Equip learners with essential field techniques used in geological surveys.

Develop skills to interpret and create geological maps.

 Provide hands-on experience in field data collection, rock identification, and structural geology interpretation.

Module 1: Introduction to Geological Mapping

Introduction to Geology and Geological Mapping: Overview of geological mapping and its importance, Types of geological maps (bedrock, surficial, structural)

Topographic Maps and Map Reading: Reading and understanding topographic maps, Coordinate

systems, map scales, and symbols, Relationship between topographic and geological maps

Module 2: Tools and Techniques in Geological Mapping

Geological Field Equipment: Tools for geological mapping (compass-clinometer, GPS, field notebooks, rock hammers), Safety measures and field ethics

Mapping Techniques: Understanding scale and map projections, Techniques for measuring strike, dip, and other structural features

Field Data Collection: Collecting rock samples, measuring outcrops, recording field observations systematically

Module 3: Rock Identification and Description

Lithological Units and Rock Types: Identification of igneous, sedimentary, and metamorphic rocks in the field, Describing textures, mineral compositions, and rock structures

Lithostratigraphy and Facies: Recognizing and correlating rock layers (stratigraphic units), Facies changes and lateral variations in rock units

Hands-on Rock Identification: Practical exercises in rock identification using hand lenses, hardness tests

Module 4: Geological Mapping Techniques in the Field

Field Mapping Methods: Traversing techniques and mapping routes, Identifying and mapping boundaries between different lithologies and formations

Field Mapping Exercises: Field trip to a local geological site (if feasible) to practice mapping techniques, collecting and recording geological data (rock type, structural features)

Suggested Readings:

"Geological Field Techniques" by Angela L. Coe.

- "An Introduction to Geological Structures and Maps" by George M. Bennison and Paul A. Olver.
- "Basic Geological Mapping" by John Barnes.

Certificate Course Basic Geological Mapping List of Students (2023-24)

Sl. No.	Reg. No.	Name of Students	Programme	Signature
1	POAVSGL001	Aysha, V.V.	B.Sc. Geology	(De)
2	POAVSGL002	Fasna, K.K.	B.Sc. Geology	Links
3	POAVSGL003	Fathima Noufira, P.V.	B.Sc. Geology	Nettra -
- 4	POAVSGL004	Harsha Samsudeen	B.Sc. Geology	Samuel.
5	POAVSGL005	Ranna Futhim, A.	B.Sc. Geology	Dave
6	POAVSGL006	Adhil Ameen, T.M.	B.Sc. Geology	Alterda
7	POAVSGL007	Afthab Abdul Gafoor	B.Sc. Geology	Cottale.
8	POAVSGL008	Mohammed Safwan	B.Sc. Geology	Mysteria.
9	POAVSGL010	Anamika, M.B.	B.Sc. Geology	Aromica
10	POAVSGL011	Nandana, P.	B.Sc. Geology	Narriane
11	POAVSGL012	Nidha Zainab, N.	B.Sc. Geology	Mars
12	POAVSGL013	Ameer Shad, P.	B.Sc. Geology	men
13	POAVSGL014	Adithya, V.	B.Sc. Geology	A Jefforta
14	POAVSGL015	Ajishabanu, K.K.	B.Sc. Geology	atolle
15	POAVSGL017	Avya, K.V.	B.Sc. Geology	OLMAL
16	POAVSGL019	Binsi, K.	B.Sc. Geology	March
17	POAVSGL020	Chandana, K.C.	B.Sc. Geology	Char II
18	POAVSGL021	Durgha, C.P.	B.Sc. Geology	Dista
19	POAVSGL022	Faheema Zainab, K.	B.Sc. Geology	W.
20	POAVSGL023	Fathimath Dhuniya	B.Sc. Geology	Towns
21	POAVSGL024	Irfana	B.Sc. Geology	Julanal
22	POAVSGL025	Jumana, V.P.	B.Sc. Geology	C.C.
23	POAVSGL026	Mariyath Nilana, K.T.O.	B.Sc. Geology	Var-
24	POAVSGL027	Nandana, P. T.	B.Sc. Geology	None
25	POAVSGL028	Nandhana, K.R.	B.Sc. Geology	N
26	POAVSGL029	Navya, A. R.	B.Sc. Geology	Navelos
27	POAVSGL030	Pavanika, A.P.	B.Sc. Geology	Now
28	POAVSGL031	Rafna, M.A.	B.Sc. Geology	There
29	POAVSGL032	Raniya	B.Sc. Geology	05
30	POAVSG! 033	Sahna Sheri, M.	B.Sc. Geology	1000
31	POAVSGL034	Shifla, M.T	B.Sc. Geology	21.10
32	POAVSGL035	Sivaganga, P.	B.Sc. Geology	0.02
33	POAVSGL037	Abhinav, P.P	B.Sc. Geology	-
34	POAVSGL038	Arthith, M.P	B.Sc. Geology	ellitter,
35	POAVSGL039	Aswanil, K.A	B.Sc. Geology	CAPCOOL.
36	POAVSGL041	Deepak, P.	B.Sc. Geology	000
37	POAVSGL042	Dhanush, K.K.	B.Sc. Geology	COX Sale
38	POAVSGL043	Harikrishnan, S.	B.Sc. Geology	Lake
39	POAVSGL044	K.M. Nameer	B.Sc. Geology	No.
40	POAVSGL045	Mohammed Faizal, N.P.	B.Sc. Geology	100
41	POAVSGL046	Mohammed Ifthar	B.Sc. Geology	1010

42	POAVSGL047	Prithiunath, K.V.	B.Sc. Geology	40 30
43	POAVSGL048	Nandana, P.	B.Sc. Geology	Needland
44	POAWSGL001	Ashida K	B.Sc. Geology	
45	POAWSGL002	Hiba M Moinudheen	B.Sc. Geology	A last
46	POAWSGL003	Raseena	B.Sc. Geology	Tay Man
47	POAWSGL004	Salima Subair.R	B.Sc. Geology	Salana
48	POAWSGL005	Shaharbana V R	B.Sc. Geology	Shaharda
49	POAWSGL006	Shamna Sharin P	B.Sc. Geology	- Auto-
50	POAWSGL007	Suhana S	B.Sc. Geology	Bulana
51	POAWSGL008	Bavas T Aji	B.Sc. Geology	Braz
52	POAWSGL009	Habeebu Rahman V	B.Sc. Geology	- The
53	POAWSGL010	Hisham Sainudheen	B.Sc. Geology	
54	POAWSGL011	Mohammed Ansil	B.Sc. Geology	A
55	POAWSGL012	Mubashir P	B.Sc. Geology	mi
56	POAWSGL013	Anagha K S	B.Sc. Geology	
57	POAWSGL014	Aswathi R	B.Sc. Geology	Ashlata
58	POAWSGL015	Chaithra Theju K P	B.Sc. Geology	THE KENTE
59	POAWSGL016	Devananda Manoj	B.Sc. Geology	-0=
60	POAWSGL017	Fathima Ghaniya	B.Sc. Geology	Persute.
61	POAWSGL018	Hashima.H.S	B.Sc. Geology	Starie
62	POAWSGL019	Krishna Jayaraj	B.Sc. Geology	diguest.
63	POAWSGL020	Rafgha Thasneem	B.Sc. Geology	age
64	POAWSGL021	Sreejisha Ep	B.Sc. Geology	8xet
65	POAWSGL022	Prajwal P	B.Sc. Geology	THE
66	POAWSGL023	Anjana M	B.Sc. Geology	Ahrano
67	POAWSGL024	Anu C V	B.Sc. Geology	(float
68	POAWSGL025	Arunima K R	B.Sc. Geology	Avert
69	POAWSGL026	Athulya A	B.Sc. Geology	62
70	POAWSGL027	Fathimath Sulthana	B.Sc. Geology	2
71	POAWSGL028	Gouri Nandha V C	B.Sc. Geology	Gosto.
72	POAWSGL029	Hannath KV	B.Sc. Geology	No.
73	POAWSGL030	Irfana K	B.Sc. Geology	(reas)
74	POAWSGL031	Khadeeja Jasmine M K	B.Sc. Geology	KI
75	POAWSGL032	Pavana K	B.Sc. Geology	De la companya della companya della companya de la companya della
76	POAWSGL033	Rubeena P K	B,Sc, Geology	Description .
77	POAWSGL034	Safla K	B.Sc. Geology	talk
78	POAWSGL035	Sarika K S	B.Sc. Geology	OCH .
79	POAWSGL036	Shafna, P	B.Sc. Geology	attation
80	POAWSGL037	Thulasi Ragesh	B.Sc. Geology	TUN
81	POAWSGL038	Aahil Ramees	B.Sc. Geology	doll
82	POAWSGL039	Abhishek Chandran K	B.Sc. Geology	
83	POAWSGL040	Avinvasu A P	B.Sc. Geology	Robert
84	POAWSGL041	Mebin T M	B.Sc. Geology	Male
85	POAWSGL042 Mohammed Nabeel M		B.Sc. Geology	Oble
86	POAWSGL043	Aadhikesav Kaippada	B.Sc. Geology	
87	POAWSGL044	Afla Sherin, K.P.	B.Sc. Geology	Arust

POAKIGIL DOL B.Sc. Geology Aliva, K.P. 88 POAWSGL045 B.Sc. Geology Avsa Sena, M.M. POAWSGL046 89 B.Sc. Geology Fathima Nasni, P.P. POAXSGL004 90 B.Sc. Geology Fathima Nowrin 91 POAXSGL005 B.Sc. Geology Hasana, P.N. POAXSGL006 92 B.Sc. Geology lumana Haseen, M.K. POAXSGL007 93 B.Sc. Geology Muneesa Fathima, L. POAXSGL008 94 Nihana Thasneem, K. B.Sc. Geology POAXSGL009 95 B.Sc. Geology Sada Abdussalam 96 POAXSGL010 B.Sc. Geology Shahaana, M. POAXSGL011 97 Sumayya, K.S. B.Sc. Geology POAXSGL012 98 K.M. Ahmad Yaseen B.Sc. Geology POAXSGL013 99 B.Sc. Geology Mohammad Anshid, M. 100 POAXSGL014 B.Sc. Geology Mohammed Fadl 101 POAXSGL015 B.Sc. Geology Amina, N. POAXSGL016 102 Irfana Nasreem B.Sc. Geology POAXSGL017 103 B.Sc. Geology Mohamed Jasim, K.P. 104 POAXSGL018 B.Sc. Geology Amritha, M. 105 POAXSGL019 Anusree, K.H. B.Sc. Geology POAXSGL020 106 B.Sc. Geology Aslin Ashraf 107 POAXSGL021 Athira, K.T. B.Sc. Geology POAXSGL022 108 Dhiyana, T.V. B.Sc. Geology 109 POAXSGL023 B.Sc. Geology Fabina 110 POAXSGL024 POAXSGL025 Fathimathu Risvana, C.V. B.Sc. Geology 111 B.Sc. Geology Gopika, P.P. 112 POAXSGL026 113 POAXSGL027 Ihsana Farvi, C. B.Sc. Geology Marjana Parvin, V.M. B.Sc. Geology 114 POAXSGL028 B.Sc. Geology 115 POAXSGL029 Nafilah, V.C. Nafseera B.Sc. Geology 116 POAXSGL030 Nayana, T.R. B.Sc. Geology 117 POAXSGL031 118 POAXSGL032 Safana, C. B.Sc. Geology 119 Sanisha, K.P B.Sc. Geology POAXSGL033 120 POAXSGL034 Shikha, K.P. B.Sc. Geology 121 POAXSGL035 Siya, P. B.Sc. Geology 122 POAXSGL036 Abdurahiman B.Sc. Geology 123 POAXSGL037 Adharsh, P. B.Sc. Geology 124 POAXSGL038 Anoop, M.T. B.Sc. Geology 125 Aromal, A. B.Sc. Geology POAXSGL039 Hamdan Mohamed Rafi 126 POAXSGL040 B.Sc. Geology 127 Hashim, A.M. POAXSGL041 B.Sc. Geology 128 POAXSGL042 Mohammed Rasal B.Sc. Geology 129 POAXSGL043 Mohammed Sanad, N. B.Sc. Geology Mohammed Shifan, K. B.Sc. Geology 130 POAXSGL044 131 POAXSGL045 Nahyan Ali, K.T. B.Sc. Geology POAXSGL046 132 Nikhil, K.P. B.Sc. Geology

Attendance Sheet Certificate Course: MPCCBGM: Basic Geological Mapping (2023-24)

Name of the students	4/10/23	6/10/23	9/10/23	10/10/23	12/10/23	13/10/23	16/10/23	17/10/23	19/10/23	25/10/23
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Nidha Zainab, N.	NP-	a-	Q-	Dr.	(A)-	Q-	00-1	P.	A-	N
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Attendance Sheet Certificate Course: MPCCBGM: Basic Geological Mapping (2023-24)

Name of the students	26/10/23	27/10/23	30/10/23	31/10/23	1/11/23	2/11/23	7/11/23	8/11/23	14/11/23	16/11/23
Aysha, V.V.	Ayre	Jul	dyl	ful	And.	Ayster.	And-	Aydul.	Auto	Ayles.
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Attendance Sheet Certificate Course: MPCCBGM: Basic Geological Mapping (2023-24)

Name of the students	20/11/23	22/11/23	23/11/23	28/11/23	29/11/23	30/11/23	1/12/23	4/12/23	6/12/23	11/12/23
Aysha, V.V.	-	- Jack	-1481	-kydla-		×	Acher	Aplet	Area.	Aydal.
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Adhil Ameen, T.M.	250	dell	LIL	1111	7117	7117	TILL	7777	TIL.	ALL
Afthab Abdul Gafoor	AARO	_	-	ANC-	4400	ARCO	AAGO	MGO	NGIA	AAA
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DEPARTMENT OF P.G. STUDIES AND RESEARCH IN GEOLOGY

M.E.S. PONNANI COLLEGE, PONNANI

(Government Aided Institution, Affiliated to the University of Calicut; NAAC Re-accredited with 'A' Grade)

Ponnani South-PO · Malappuram-District · Kerala 697586 · INDIA Phone: +91 494 266 6077 · Fax: +91 494 266 9788 · E-mail: geology.mes@gmail.com Website: www.mesponnanicollege.org

Summary report for the Certificate Course in Basic Geological Mapping (2023-2024)

The Department of Postgraduate Studies and Research in Geology conducted a Certificate Course in Basic Geological Mapping (MPCCBGM) for undergraduate students during the academic year 2023-2024. The course was designed to introduce students to the fundamental principles and techniques of geological mapping, combining both theoretical lessons and practical fieldwork. The course was structured to run for a total of 30 hours, with an even distribution between theory sessions and practical components. The theoretical aspects covered essential topics such as rock identification, stratigraphy, and the use of geological tools, while the practical sessions focused on hands-on geological mapping exercises, including field observations and the preparation of geological maps. A total of 132 undergraduate students were enrolled in the course. Each of the students actively participated in both the classroom sessions and fieldwork exercises, demonstrating a clear understanding of basic geological mapping techniques. All 132 students successfully completed the course requirements, and upon completion, were awarded certificates of completion in recognition of their achievement. The course provided these students with valuable fundamental skills in geological mapping, which will serve them in their future studies and careers in Geology.

From

Dr.K.Jayakrishnan Head of Department Department of Physics MES Ponnani College

To

The Principal MES Ponnani College

Dear Sir,

Subject: Request for Approval of Certificate Course

I am writing to inform you that the Department of Physics is preparing to launch a 30-hour certificate course titled "Spectroscopic Techniques: Quantitative and Quantitative Analysis" (MESPCC/PHY/23). The course will be open to both undergraduate and postgraduate students.

We seek your approval to proceed with this initiative.

Thank you.

Yours sincerely,

Dr.K.Jayakrishnan

Head,

Department of Physics

Place: Ponnani

Date: 20/07/2023

MINUTES OF BOARD OF STUDIES MEETING

Venue: Department of Physics

Date: 28-07-2023

Agenda: Discussion and Approval of the Syllabus of the Certificate Course 2023-24

Members Present:

1. Dr. K. Jayakrishnan, HoD, Physics

2. Dr. Suneesh P U, Associate Professor, Department of Physics, MES Engineering College,

Kuttipuram

3. Dr. P. Jayaram, Course Coordinator

4. Mr. Muhammed Abdurahman K, Assistant Professor

5. Mrs. Sabna M, Assistant Professor

6. Mrs. Jumailath Karuthedath, Assistant Professor

7. Mr. Majeesh M, Assistant Professor

8. Mrs. Sreejalakshmi S, Assistant Professor

9. Mr. Riyas, K.M, Assistant Professor

Proceedings:

The meeting was convened at the Department of Physics to deliberate upon and approve the syllabus for the Certificate Course 2023-24.

Discussion:

The Board of Studies engaged in extensive deliberations on the proposed syllabus.

Decision:

After careful consideration, the Board of Studies arrived at the following decision:

- Discussion on Syllabus: The members thoroughly reviewed and discussed each component of the syllabus for the Certificate Course 2023-24.
- Approval of Syllabus: It was resolved that the proposed syllabus meets the academic standards and requirements. The Board of Studies unanimously approved the syllabus as presented.

Action to be Taken

The approved syllabus will be submitted to the appropriate authorities for further action and implementation.

Department of Physics MES Ponnani College Certificate Course on

Spectroscopic Techniques: Quantitative and Quantitative Analysis

Curriculum and Syllabus

Course period: 30 hrs

2022-2023

Module 1 (10 hrs)

The spectrum of non-rigid rotator, the spectrum of the symmetric top molecule, Instrumentation for Microwave Spectroscopy Stark Modulator, Information derived from Rotational Spectrum: I R Spectroscopy: Born – Oppenheimer approximation, Effect of Breakdown of Born Oppenheimer approximation, Normal modes and vibration of Instrumentation for I R Spectroscopy – Fourier transformation I R Spectroscopy.

Module II (10 hrs)

Rotational Raman Spectrum of Symmetric top molecules, Instrumentation for Raman Spectroscopy, Interaction of nuclear spin and magnetic field, level population Larmour precession, Resonance Conditions, The chemical shift, Instrumentation for NMR spectroscopy Module III (10hrs)

X-ray photon spectroscopy: theory and techniques, Computer-assisted surface analysis (CASA) and PEAKFIT41.

References

- Molecular Structure & Spectroscopy G Aruldas
- C N Banwell & E.M. Mccash Fundamentals of Molecular Spectroscopy
- 3. Atomic Spectroscopy
- Whitehttp://www.casaxps.com/ebooks/XPS%20AES%20Book%20new%20margins%20r ev%201.2%20for%20web.pdf and hands-on training

Methodology

- 1. Lecture
- 2. PowerPoint Presentations





MES PONNANI COLLEGE

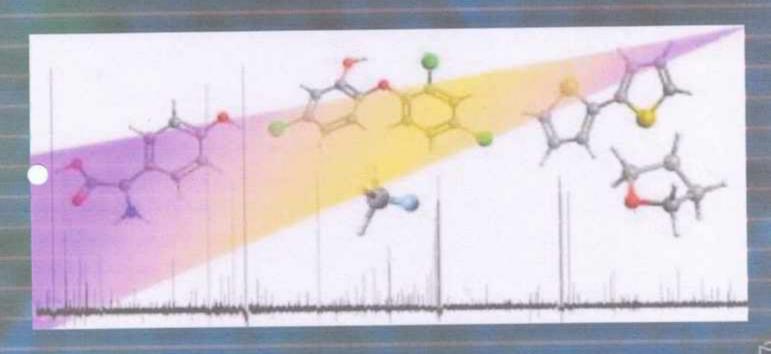
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Department of Physics

2023-2024

CERTIFICATE COURSE ON

SPECTRSCOPIC TECHNIQUES: QUANTITATIVE & QUALITATIVE ANALYSIS



Advanced Condensed Matter Physics Laboratory

Course Coordinator
Dr. P. Jayaram
Assistant Professor,
Department of Physics

Mode: Offline

Duration: 30 Hours

Contact: 9496859738 Email: physics.mes@gmail.com



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Spectroscopic Techniques: Quantitative and Quantitative Analysis"

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Department of Physics

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Certificate Course in Spectroscopic Techniques; Quantitative and Quantitative Analysis

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Certificate Course in Spectroscopic Techniques: Quantitative and Quantitative Analysis

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Certificate Course in Spectroscopic Techniques: Quantitative and Quantitative Analysis

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Certificate Course in Spectroscopic Techniques: Quantitative and Quantitative Analysis

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Summary Report

The Department of Physics organized a certificate course for the academic year 2023-24, catering to both undergraduate and postgraduate students of the college. Certificates were awarded to students who enrolled in the course. Classes were held outside of regular hours, including before and after the standard schedule as well as during holidays.

SI.No.	Course Name	Coordinator	Students Enrolled	Course Duration
1	Spectroscopic Techniques: Quantitative and Quantitative Analysis	Dr P Jayaram	79	30

Report

The short-term certificate program titled "Spectroscopic Techniques: Quantitative and Qualitative Analysis" is being offered in the academic year 2023-2024 as an extension of the prior certificate course. This program holds significant relevance for the research and project endeavors of both master's and undergraduate students. It aims to equip them with a competitive understanding of various spectroscopic techniques essential for the quantitative and qualitative analysis of materials. The curriculum places a strong emphasis on training students in Raman Spectroscopy, IR Spectroscopy, NMR Spectroscopy, and X-ray Photoelectron Spectroscopy (XPS). Faculty members from the physics department are responsible for delivering both theoretical and practical laboratory sessions for this course.



Ponnani South P.O, Malappuram, Kerala, 679586 Ph: 0494-266077 www.mespni.ac.in

From Head of Department Department of Zoology MES Ponnani College

To The Principal MES Ponnani College

Dear Sir,

Subject: Request for Approval of Certificate Course

I am writing to inform you that the Department of Zoology is preparing to launch a certificate course titled "Certificate Course in Apiculture" (ZOCC01). The course is designed to span 30 hours and will cater to both undergraduate students.

We seek your approval to proceed with this initiative.

Thank you.

Yours sincerely,

Dr. K. M. Shereena

Head, Department of Zoology

Place: Ponnani

Date: 14/08/2023

Ponnani South P.O, Malappuram, Kerala, 679586 Ph: 0494-266077 www.mespni.ac.in

From Dr. K. M. Shereena Head of Department Department of Zoology MES Ponnani College

To, The Principal MES Ponnani College

Dear Sir,

Sub: Request for Approval of Board of Studies for Certificate Course 2023-24

I write to formally seek your esteemed approval for the constitution of the Board of Studies for the Certificate Course entitled "Certificate Course in Apiculture" (ZOCC01), to be conducted by the Department of Zoology during the academic year 2023-24.

The proposed composition of the Board of Studies is as follows:

- 1. Dr. K.M. Shereena (Head of the Department and Chairman)
- Dr. Krishnaprabha. K. S, Assistant Professor, MES KEEVEEYAM College Valancheri (Subject Expert from External Institution)
- Dr. Priya. T. V, Assistant Professor, MES KEEVEEYAM College Valancheri (Subject Expert from External Institution)
- 4. Ms. Rinshi Balu. O. K (Assistant Professor, Department of Zoology)
- 5. Dr. Shihab Ismail (Assistant Professor, Department of Zoology)
- 6. Dr, Athif. P (Assistant Professor, Department of Zoology)

I respectfully request your prompt attention to facilitate the establishment of the Board of Studies with these distinguished members.

Thank you for your unwavering support and guidance

Yours faithfully,

K.M. Shereena

Head, Department of Zoology

14/08/2023

Ponnani South P.O, Malappuram, Kerala, 679586 Ph: 0494-266077 www.mesponnanicollege.org

MINUTES OF BOARD OF STUDIES MEETING

Venue: Conference Hall

Date: 29/09/2023

Agenda: Discussion and Approval of the Syllabus of the Certificate Course 2023-24

Members Present:

1.	Dr. Shereena K.M. (Head of the Department and Chairman)	Hym
2.	Dr. Krishnaprabha. K. S, Assistant Professor, MES KEEVEEYAM College Valancheri (Subject Expert from External Institution)	W
3.	Dr. Priya. T. V, Assistant Professor, MES KEEVEEYAM College Valancheri (Subject Expert from External Institution)	Langa
4.	Ms. Rinshi Balu. O. K (Assistant Professor, Department of Zoology)	A tolu
5.	Dr. Shihab Ismail (Assistant Professor, Department of Zoology)	Show my &
6.	Dr, Athif. P (Assistant Professor, Department of Zoology)	Ballul

Proceedings:

The meeting was convened at the Department of Zoology to deliberate upon and approve the syllabus for the Certificate Course 2023-24.

Discussion:

The Board of Studies engaged in extensive deliberations on the proposed syllabus.

Decision:

After careful consideration, the Board of Studies arrived at the following decision:

- Discussion on Syllabus: The members thoroughly reviewed and discussed each component of the syllabus for the Certificate Course 2023-24.
- Approval of Syllabus: It was resolved that the proposed syllabus meets the academic standards and requirements. The Board of Studies unanimously approved the syllabus as presented.

Action to be Taken

The approved syllabus will be submitted to the appropriate authorities for further action and implementation.

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Regulations, Eligibility, Scheme and Syllabus for Certificate course in APICULTURE (2023-2024)

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 1 month (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.

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
В	Very good	3	2.50 to 3.49
C	Good	2	1.50 to2.49
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 Department of Zoology MES Ponnuni College, Ponnuni South (P.O) Malappuram (Dist), 679 556, India

DEPARTMENT OF ZOOLOGY MES PONNANI COLLEGE

(Govt. Aided & Affiliated to University of Calicut)

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Curriculum ZOCC01- APICULTURE

Objectives

- Give an awareness about basics of Apiculture
- Understand the importance of Apiculture
- Understand various methods and techniques of Apiculture
- > To make aware about the economic importance of honey bee

Unit 1: Introduction to Apiculture - scope, importance

(5 hrs)

- History of beekeeping: Definition, Beekeeping worldwide and India.
- Traditional beekeeping, Modern beekeeping, Urban or backyard beekeeping.
- Role of Central Honey Bee Research & Training Institute

Unit 2: Honeybee Enemies and Diseases

(10 hrs)

- Bee enemies Enemy: Mites, Wax Moths, Ants, Bee Eaters, Garden Lizards, etc.
- Disease management Identification of symptoms of diseases associated with honey bee.
- Management, Preventive and control measures for various diseases.

Unit 3: Beekeeping: Tools and Equipment

(5 hrs)

- Basic requirements for beekeeping start up
- BIS standard Tools used in Apiculture.
- · Introduction to types of bee boxes and their Parts

UNIT 4: Honey Processing and Bee Hive Products

(5 hrs)

- Honey its properties and application in various fields
- Honey extraction & handling Quality control standards, Processing of honey.
- Other valuable by-products of honey bees Wax, Bee venom & Royal jelly extraction

PRACTICALS:

(5 hrs)

- Field visit to Apiculture farm
- Demonstration of Honey bee culturing practices

REFERENCES

- 1. Prost, P. J. (1962). Apiculture. Oxford and IBH, New Delhi.
- 2. Graham, J M (1992) The hive and the honey bee. Dadant and Sons, Hamilton, Illinois.
- 3. Mishra R.C. (1995) Honey bees and their management in India. ICAR Publication New Delhi.
- 4. 5. Bisht, D.S. (2004). Agricultural Development in India, Anmol Pub. Pvt. Ltd.
- 5. Singh S.(1964). Beekeeping in India, Indian council of Agricultural Research, New Delhi
- Mehrotra, K.N. Bisht, D.S. (1981). Twenty-five years of apiculture research at IARI. Apiculture in relation to agriculture.

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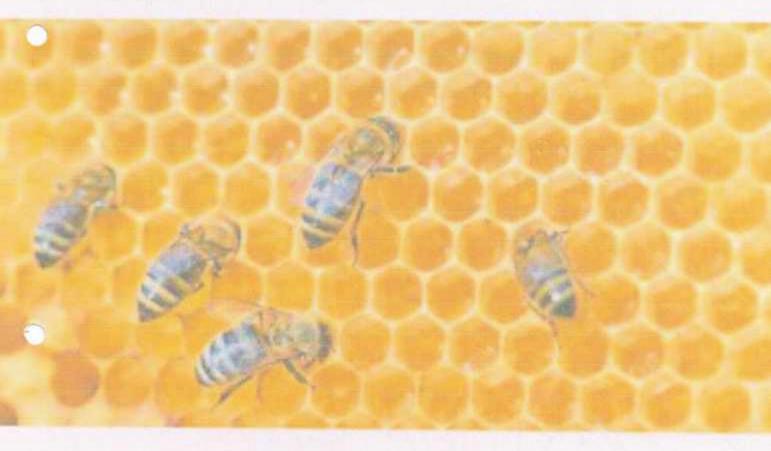


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Govt. Aided Institution | Affiliated to the University of Calicut Estd: 1968 | Recognized under UGC 2(f) & 12(B) NAAC Re-accredited (III Cycle) with 'A+' Grade (CGPA 3.46)

DEPARTMENT OF ZOOLOGY

CERTIFICATE COURSE IN APICULTURE



COURSE DURATION 30 HOURS

CLASS COMMENSES ON 10 JANUARY 2024

FOR MORE DETAILS, CONTACT 19843720724 | 9846690598 ... M. Shereon M. Phil., Ph. D.

Assistant Professor & Hoad Department of Zoology MES Ponnant College, Ponnant South (P.O) Malappuram (Dist), 679 586, India



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CERTIFICATE COURSE IN APICULTURE

LIST OF STUDENTS ENROLLED WITH SIGNATURE

S. No	Name of the Student	Class	Signature
1.	AKMAL SULTHANA P M	III B.Sc., Zoology	- Dan
2.	ASHIDA K	III B.Sc., Zoology	Allin
3.	FATHIMA SHADIYA P P T	III B.Sc., Zoology	Shack
4.	FIDHA K	III B.Sc., Zoology	41-
5.	JASEELA P V	III B.Sc., Zoology	Risela
6.	LIYANA P	III B.Sc., Zoology	Lugar
7.	MUHSINA P V	III B.Sc., Zoology	Mules
8.	RASHAMOL P H	III B.Sc., Zoology	Sola
9.	SABANA SAREEF	III B.Sc., Zoology	Calone
10.	SHAMNA FEBY T P	III B.Sc., Zoology	Shamna
11.	NABHAN K	III B.Sc., Zoology	Nabhal
12.	FAHMIDHA K V	III B.Sc., Zoology	Nacohore -
13.	FATHIMA HUSNA T	III B.Sc., Zoology	- Com
14.	FERMISHA N P	III B.Sc., Zoology	Tra nush
15.	NIHA RAHEEM V	III B.Sc., Zoology	Nitule.
16.	SAHLA SULAIMAN V	III B.Sc., Zoology	Calle
17.	SANDRA T S	III B.Sc., Zoology	Q.T.
18.	SHAMNA SHIRIN T	III B.Sc., Zoology	20
19.	AMINA RIFA M	III B.Sc., Zoology	A.
20.	ANSHIDA JASMI K V	III B.Sc., Zoology	(A)
21.	ANUNAYA K P	III B.Sc., Zoology	9
22.	ASWATHI MANOJ P	III B.Sc., Zoology	(Ass.
23.	FAHMIDA P	III B.Sc., Zoology	Tahrid
24.	FASNA T K	III B.Sc., Zoology	France
25.	FATHIMA	III B.Sc., Zoology	1 10
26.	FATHIMA SANAM	III B.Sc., Zoology	Como
27.	GOPIKA N K	III B.Sc., Zoology	Chile
28.	GURUMITHRA T P	III B.Sc., Zoology	SIM N
29.	JYOTHIKA P M	III B.Sc., Zoology	Fyolk
30.	KRISHNENDU K	III B.Sc., Zoology	SAV JOIN
31.	MANYA P P	III B.Sc., Zoology	110

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32.	MINSHA FATHIMA	III B.Sc., Zoology	min_
33.	MUHASENA T M	III B.Sc., Zoology	- Engh
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37.	SARANYA S	III B.Sc., Zoology	Paranyo
38.	SHANI P	III B.Sc., Zoology	of the
39.	SUMAYYAC	III B.Sc., Zoology	Consider
40.	VABINA KP	III B.Sc., Zoology	Van
41.	JUBNA SHERI P K	III B.Sc., Zoology	dulur
42.	AFTHEESHA K P	III B.Sc., Zoology	Affragh
43.	ABDUL BASITH K H	III B.Sc., Zoology	-
44.	NAVAS AFTHAR K M	III B.Sc., Zoology	Nath
45.	SAFDAR SAIF	III B.Sc., Zoology	3
46.	MOHAMMED JABIR RAHMAN KV	III B.Sc., Zoology	Milliohn
47.	SHAFNA SHIRIN	III B.Sc., Zoology	Chlo
48.	AFREENA P V	II B.Sc., Zoology	A. C.
49.	BINZIYA MOL K	II B.Sc., Zoology	2500
50.	FIDHA SALEEM P V	II B.Sc., Zoology	England.
51.	NAHEEDHA HAMEED	II B.Sc., Zoology	Nation
52.	NASNINA NASRIN MUKOODAN	II B.Sc., Zoology	HUND
53.	NIHLA ROSE K	II B.Sc., Zoology	Nille
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55.	T SHAHALA SHERIN	II B.Sc., Zoology	Shey
56.	ATHULYA A M	II B.Sc., Zoology	85-67
57.	JASMINE JALEEL P T	II B.Sc., Zoology	-60
58.	MALAVIKA RAMESH	II B.Sc., Zoology	Malaulta
59.	SNEHA V	II B.Sc., Zoology	Stelle
60.	SURUMI A P	II B.Sc., Zoology	(S)
61.	MOHAMMED SINAN TK	II B.Sc., Zoology	714
62.	AKSHAYA M A	II B.Sc., Zoology	#
63.	ANAGHA O C	II B.Sc., Zoology	Almarker
64.	ANSIYA THESNI K V	II B.Sc., Zoology	THE
65.	BANISHA MOL P B	II B.Sc., Zoology	Burk
66.	BHUVANA C P	II B.Sc., Zoology	Blackers
67.	FARHA FASMI. U	II B.Sc., Zoology	\$

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69.	MUBEENA K V	II B.Sc., Zoology	Mest
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71.	NAVYA P	II B.Sc., Zoology	(A)X
72.	NISHANA T	II B.Sc., Zoology	
73.	NITHYA A	II B.Sc., Zoology	MAT:
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77.	RISHIDA SHERIN V K	II B.Sc., Zoology	Digit
78.	SENHA SHERBI	II B.Sc., Zoology	Mustras
79.	SHAHLA JASMIN M	II B.Sc., Zoology	34
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92.	NAJEEBA NASREEN K V	I B.Sc., Zoology	Hay
93.	NUSAIBA NOURAS N K	I B.Sc., Zoology	Justin
94.	SITHA THASNEEM	I B.Sc., Zoology	32
95.	FARHAN V P	I B.Sc., Zoology	Carlo
96.	AYISHA MIZNA A I	I B.Sc., Zoology	App A
97.	AYISHA SANIYA V	I B.Sc., Zoology	R. Aug
98.	AYISHA SHIFA M P	I B.Sc., Zoology	Shede
99.	FATHIMA RENA P	I B.Sc., Zoology	D/B
100	FATHIMA SALHA K	I B.Sc., Zoology	Edg
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102	FIDHA K RAFEEK	I B.Sc., Zoology	Findles
103	HAMDIYYA ABDUL HAMEED	I B.Sc., Zoology	Lando

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106	JASNA T V	I B.Sc., Zoology	ALL
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109	NIVYA K P	I B.Sc., Zoology	Nivya
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111	PRAVITHA K P	I B.Sc., Zoology	60.00
112	RINSHA JASMIN V A	I B.Sc., Zoology	W. Co
113	SHIKHA SATHEESH	I B.Sc., Zoology	ME
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116	BASIL IBRAHIM HASSAN	I B.Sc., Zoology	84
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ATTENDANCE SHEET

S. No	Name of the Student	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
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ATTENDANCE SHEET

S. No	Name of the Student	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
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Dr. K.M Shereena, M.Phil., Ph.D., Assistant Professor & Head Department of Zoology MES Ponnani College, Ponnani South (P.D) Malappuram (Dist), 679 586, India

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MES Pointain College, Ponnant South (P.O).
Malappuram (Dist), Exp. For.

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Summary Report of Certificate Course for the Academic Year 2023-24

The Department of Zoology had conducted certificate course in Apiculture in the Academic year 2023-24. The course had been offered for U G students. Dr. K.M Shereena, Ms. Rinshi Balu. O.K, Dr. Shihab Ismail and Dr. Athif. P, Assistant Professors, Department of Zoology Co-ordinated 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 117 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.

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