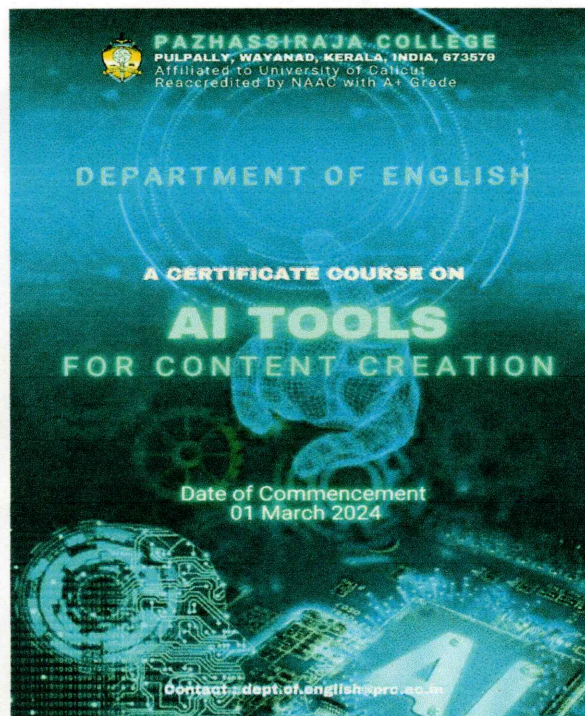




SUMMARY REPORT OF CERTIFICATE COURSE 2023- 2024

AI TOOLS FOR CONTENT CREATION

Introduction: The AI Tools for Content Creation certificate course is designed to equip participants with the knowledge and skills necessary to effectively utilize artificial intelligence in content creation processes. This report provides a comprehensive overview of the course content, learning outcomes, number of participants, duration of the course, course delivery and participant feedback.



Course Content:

1. **Introduction to AI in Content Creation:** Overview of AI technologies applicable to content creation., including natural language processing, image recognition, and generative AI.
2. **AI Tools and Platforms:** Exploration of popular AI tools and platforms such as GPT-3, Canva, and Adobe Sensei. Practical sessions on using these tools for text generation, graphic design, and video editing.
3. **Ethical Considerations:** Discussion on ethical implications of AI in content creation, covering issues like bias in AI-generated content, copyright concerns, and privacy considerations.
4. **Applications:** Provide firsthand experience with AI tools to develop various types of contents

Learning Outcomes:

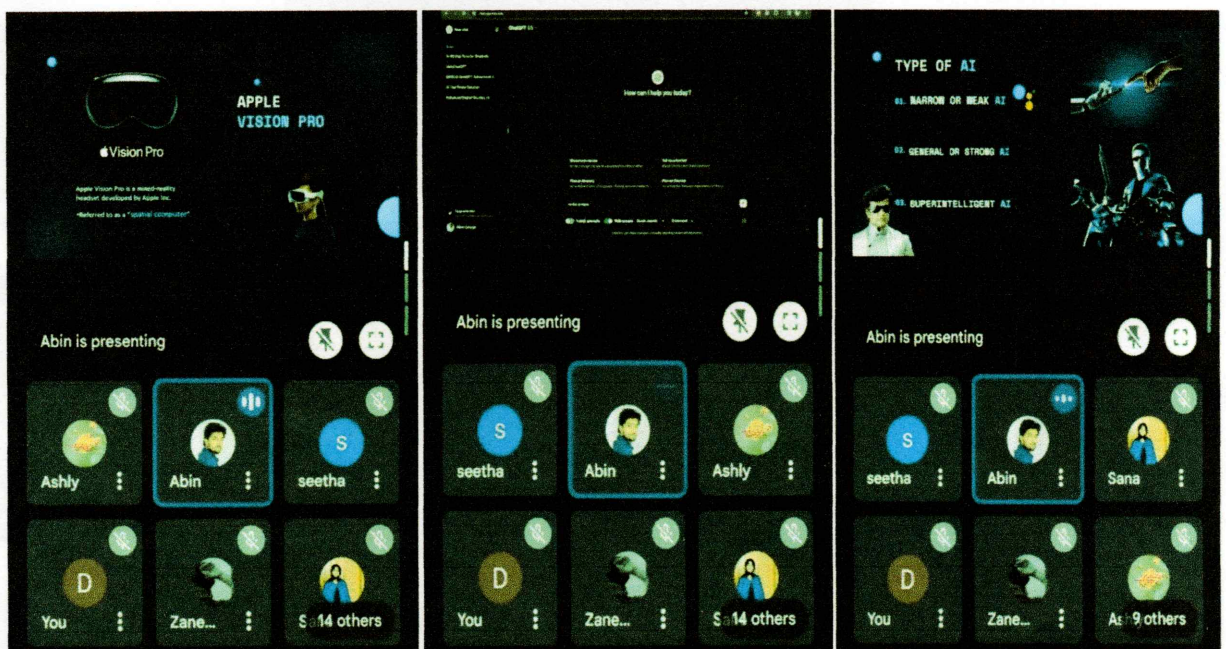
1. Understand the capabilities and limitations of AI tools in content creation.

2. Effectively use AI-powered writing assistants and editing tools.
3. Create visually compelling content using AI-driven design platforms.
4. Evaluate ethical considerations and best practices when using AI in content creation.

Participants: The course was offered to the fourth semester students of the department of English. 26 students were enrolled in the course and all of them successfully completed the course.

Duration of the course: The course was started on 1 March 2024 and ended on 3 April 2024. The duration of the course was 30 hours.

Course delivery: The course was conducted in hybrid mode. The online sessions were handled by Mr. Abin George, A I Expert.



The offline sessions were handled by Ms. Alija Joseph, Assistant Professor, Department of English, Pazhassiraja College, Pulpally. The course provided the students an overview of the use of AI tools for creating various types of contents like text, presentations, videos etc. The ethical concerns regarding the use of AI tools were also discussed. In addition to that students were provided hands on training with the AI tools Grammarly, Chat GPT, Gemini, Canva and QuillBot.

Participant Feedback: Participants generally found the course highly informative and practical. Key feedback includes:

- Appreciation for hands-on sessions with AI tools.
- Interest in deeper dives into advanced AI applications in specific disciplines.

Conclusion: The certificate course 'AI Tools for Content Creation' has equipped participants with essential skills and knowledge to harness AI effectively in content creation workflows. Continued updates and enhancements to the course content will ensure that participants stay current with rapid advancements in AI technologies.



Head of the Dept. of English
Pazhassiraja College, Pulpally

[Signature]

Principal
Pazhassiraja College
Pulpally, Pin: 673573

To

Ms. Josena K Joseph

H/D, Department of English, Pazhassirja College, Pulpally

Dear Madam,

Subject: Approval of The Board of Studies for Certificate Course reg:

The Academic Programme Committee of Pazhassiraja College has approved the Board of Studies for the Certificate Course 'AI Tools for Content Creation' to be conducted in the even semester of this academic year 2023-2024, as per the request placed by the Department of English.

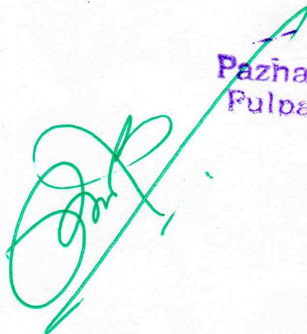
The members of the Board of Studies

1. Ms. Josena K Joseph
2. Fr. Dr. Kuriakose V C
3. Ms. Alija Joseph
4. Theres Divia Sebastian

Mr. Abdul Bari K K

Puplally

26/02/2024



Principal
Pazhassi Raja College
Pulpally, Pin: 673301



Certificate Course in AI Tools for Content Creation

(Course Structure & Syllabus)



Pazhassiraja College

**Pulpally, Wayanad
Kerala**

**(Affiliated to the University of Calicut)
NAAC accredited with 'A+' grade**

**E-Mail : pazhassirajacollege@gmail.com
Web site: www.prc.ac.in**

Certificate Course in AI Tools for Content Creation

Course Code	ENG24AI01
Title of the Course	AI Tools for Content Creation
Semester in which the Course is to be Taught	4
No. of Contact Hours	30

Introduction:

In today's digital age, the convergence of artificial intelligence and content creation has revolutionized how we generate, distribute, and engage with content. From automated writing assistants to advanced image and video editing tools, AI has become indispensable for professionals across various industries. An understanding of the essential AI tools can significantly enhance one's productivity and creativity.

Objectives:

- 1. Understand AI Fundamentals:** Gain a foundational understanding of artificial intelligence concepts relevant to content creation.
- 2. Master AI-Powered Writing Tools:** Learn to effectively utilize AI-driven writing assistants for drafting, editing, and optimizing written content across various formats and platforms.
- 3. Create Visual Content with AI:** Explore tools and techniques for generating and enhancing visual content using AI-driven design platforms.
- 4. Ethical Considerations in AI-Driven Content Creation:** Understand the ethical implications and considerations when using AI tools in content creation, including issues of bias, privacy, and transparency.

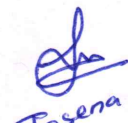
Key Learning Outcomes:

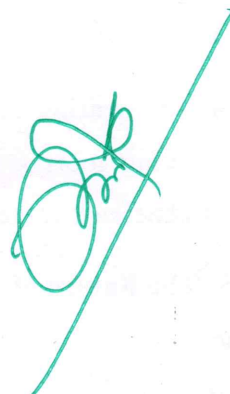
By the end of the course, the students will be able to:

1. Understand the capabilities and limitations of AI tools in content creation.
2. Effectively use AI-powered writing assistants and editing tools.
3. Create visually compelling content using AI-driven design platforms.
4. Evaluate ethical considerations and best practices when using AI in content creation.

Assessment:

Student's performance will be assessed based on examination in their foundational understanding of AI Tools and the ethical considerations while using it. Their practical knowledge will be assessed through assignments to develop contents using AI tools.


Josefa K. Joseph
Head of the Dept. of English
Pazhassiraja College, Pulpally



Syllabus

Module 1: Introduction to AI Writing Tools -What are AI writing tools? Different types of AI writing tools (e.g., grammar checkers, paraphrasing tools, content generators) - Benefits and limitations of using AI writing tools - Ethical considerations of using AI writing tools

Module 2: Using AI Writing Tools for Different Purposes- Writing different kinds of content (e.g., blog posts, articles, social media posts, marketing copy) - Improving grammar and style - Overcoming writer's block- Generating creative text formats (e.g., poems, code)

Module 3: Popular AI Writing Tools- Overview of popular AI writing tools (e.g., Grammarly, QuillBot, Jasper, Rytr) - Key features and functionalities of each tool - Choosing the right AI writing tool for your needs

Module 4: Integrating AI Writing Tools into your Discipline- Effective strategies for using AI writing tools - Avoiding plagiarism and maintaining originality - Editing and revising AI-generated content - Combining AI writing tools with other writing techniques


Module 5: The Future of AI Writing- Trends and advancements in AI writing technology - The impact of AI on the future of writing professions - Responsible use of AI writing tools in a changing landscape




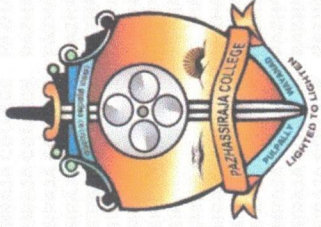
DEPARTMENT OF ENGLISH
PAZHASSIRAJA COLLEGE
Pulpally, Wayanad, Kerala, India, 673579
Affiliated to University of Calicut
Reaccredited by NAAC with A+ Grade

List of Students Enrolled for Certificate Course 2023- 2024

Sl No.	Reg. No.	Name
1	PZAWAEGR01	AISWARYA VIPIN
2	PZAWAEGR02	ARDRA M
3	PZAWAEGR03	BENEESHA MA
4	PZAWAEGR04	KARTHIKA MS
5	PZAWAEGR05	SANDRA SIVAN
6	PZAWAEGR06	SEETHALAKSHMI V S
7	PZAWAEGR07	ZANEETA PARVEEN
8	PZAWAEGR08	ABHIJITH
9	PZAWAEGR09	JESVIN MS
10	PZAWAEGR10	MUHAMMED SHAMEEM
11	PZAWAEGR11	AKSHAYA S
12	PZAWAEGR12	AMAYA C K
13	PZAWAEGR13	ANANYA GIREESH N
14	PZAWAEGR14	ARYANANDA SURENDRAN
15	PZAWAEGR16	DIYA PARVIN K F
16	PZAWAEGR17	FARHANA NASRIN K
17	PZAWAEGR20	MANASA SATHEESH
18	PZAWAEGR21	SANA SHERIN A
19	PZAWAEGR22	SETHULAKSHMI M D
20	PZAWAEGR23	SHARIKA N
21	PZAWAEGR24	AKSHAY K
22	PZAWAEGR25	ASSIN RAJEEV
23	PZAWAEGR26	MUHAMMED NAJIDH
24	PZAWAEGR27	MUHAMMED RAZI T P
25	PZAWAEGR28	RISHIKESH S R
26	PZAWAEGR29	SHYAM A


Head of the Dept. of English
Pazhassiraja College, Pulpally


PRINCIPAL IN-CHARGE
PAZHASSIRAJA COLLEGE
PULPALLY - 673579



PAZHASSIRAJA COLLEGE

Pulpally, Wayand-673579

Re-Accredited by NAAC with 'A+' Grade (Affiliated to University of Calicut)

No. CC 24 AI 10

CERTIFICATE

This is to certify that Ms./Mr. MUHAMMED SHAMEEM
has successfully completed the Certificate /Diploma course in

AI TOOLS FOR CONTENT CREATION
conducted by the DEPARTMENT OF ENGLISH
in the year 20 - 20



[Handwritten Signature]

Course Coordinator

[Handwritten Signature]
Principal
Pulpally

Principal

Ad. No.	Class No.	Name of Student	01/03/2024	01/05/2024	04/03/2024	05/03/2024	05/03/2024	06/03/2024	06/03/2024	09/03/2024	09/03/2024	09/03/2024	09/03/2024	09/03/2024	11/03/2024	12/03/2024	13/03/2024	14/03/2024	15/03/2024	16/03/2024	16/03/2024	16/03/2024	18/3/24	19/3/24	20/3/24	21/3/24	23/03/2024	23/03/2024	23/03/2024	01/04/2024	02/04/2024	03/04/2024	Days/Total Days	Total			
1.		ASWARJA VIPIN	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	01
2		ADIRA M	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	02
3		BENEESTA MA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	03
4		KARTHIKA MS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	04
5		SANDRA SWAMI	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	05
6		SEETHALAKSHMI VS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	06
7		ZANEETA PARVEEN	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	07
8		AGATHI	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	08
9		JESWIN MS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	09
10		MUHAMMED SHARIF	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	10
11		AKSHAYA S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	11
12		ATHIRA CK	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	12
13		ANANYA GIREESH N	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	13
14		ARJANANDA SURENDRAN	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	14
15		DUSTIN ER DINA PARVIN KF	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	15
16		FARHANA NABRIN K	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	16
17		HANASA SATEESH	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	17
18		SANA SHEERIN A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	18
19		SEETHALAKSHMI MD	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	19
20		SHARUKA N	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	20
21		AKSHAY K	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	21
22		ASIN RAJEEV	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	22
23		MUHAMMED NAJIB	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	23
24		MUHAMMED RAZI TP	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	24
25		RISHIKESH SR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	25
26		SHAM A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	24	A	I	26

Teacher's Initial

Signature of HOD

Head of the Dept. of English
PAZHASSIRAJA COLLEGE, PULPALLY
PRINCIPAL-IN-CHARGE
PAZHASSIRAJA COLLEGE
PULPALLY - 673579



DEPARTMENT OF MICROBIOLOGY
PAZHASSIRAJA COLLEGE
(Affiliated to the University of Calicut)
PULPALLY, KERALA, INDIA 673579
departmentofmicrobiologyprc@gmail.com

CERTIFICATE COURSE: 2023-24

Subject code: **(PRMBC-BBI-02-23)**

Hours: 30

Course title: **Basic Bioinformatics Marks: 50**

The Department of Microbiology is going to conduct a 30 hours Certificate course - **Basic Bioinformatics - (PRMBC-BBI-02-23)** from **September 21, 2023 - December 20, 2023**. The course is designed for the students of the Microbiology department.

Course outcomes

Understanding of the importance of Basic Bioinformatics.

Expertise in Basic Bioinformatic tools

Hands-on experience in Data mining, MSA, etc.,

Nature of prospective target group of learners:

Students from science streams can join the programme.

VISHA M.C. (HOD-in-Charge)

Department of Microbiology
Pazhassiraja College
Pulpally(P.O), Wayanad



PRINCIPAL IN-CHARGE
PAZHASSIRAJA COLLEGE
PULPALLY - 673579

PAZHASSIRAJA COLLEGE, PULPALLY
DEPARTMENT OF MICROBIOLOGY

Circular for Students

CERTIFICATE COURSE: 2023-24

Subject code: (PRMBC-BBI-02-23)

Hours: 30

Course title: **Basic Bioinformatics**

Marks: 50

a. Course outcomes

1. Understanding of the importance of Basic Bioinformatics.
2. Expertise in Basic Bioinformatic tools
3. Hands-on experience in Data mining, MSA, etc.,

b. Nature of prospective target group of learners:

Students from science streams can join the programme.

c. Application form:

Application form may be obtained from the Pazhassiraja College official website. Candidates should apply in the prescribed Proforma before 18th September 2023. Incomplete applications and applications received after due date will be rejected/not considered

d. Certificate

Those who successfully complete the course by attending the sessions with a minimum of 75 % participation and clearing the final examination will be awarded with the certificate.

e. Instructional design:

The programme is of Three months duration comprising three units with a total of 30 contact hours. The assessment involves both internal as well as external components. More focus is given for practical sessions.

S. No	Contents	Contact Sessions (hours)	*Internal Marks	External Marks	Total Marks
1	Unit-I	05	-	5	5
2	Unit-II	10	5	10	15
3	Practical Session I	15	20	10	30
	Total	10	25	25	50

Course Fee: Rs. 100/-

Faculty In charge: Ms. Smitha Chacko- 9446783984

SYLLABUS

(PRMBC-BBI-02-23): Certificate course- Basic Bioinformatics (BBI)

UNIT- I

1. Introduction to bioinformatics: its importance and scope.
2. Biological databases, primary and secondary sequence.

UNIT- II

1. Biological Database- Genbank, NCBI, EMBL, DDBJ, PDB and CATH.
2. Comparative genomics- Sequence alignment and analysis- BLAST, FASTA, CLUSTALW.
3. Application of bioinformatics- Homology modeling, Phylogenetics, Structure visualization- Rasmol.

UNIT- III Practical Session

1. Familiarization with internet applications
2. Nucleotide sequence databases - NCBI, DDBJ.
3. Protein sequence databases - SWISSPROT.
4. Protein structure databases –PDB, CATH
5. Nucleotide sequence alignment - BLASTn.
6. Protein sequence alignment - BLASTp.
7. Sequence alignment using- FASTA.
8. Multiple sequence alignment- CLUSTAL W.

PAZHASSIRAJA COLLEGE, PULPALLY
DEPARTMENT OF MICROBIOLOGY
CIRCULAR

**Sub: Conduct Certificate course in
Basic Bioinformatics - (PRMBC-BBI-02-23)**

September 21st 2023 - December 20th 2023

The Department of Microbiology is going to conduct a 30 hours Certificate course - **Basic Bioinformatics - (PRMBC-BBI-02-23)** from **September 21st 2023 - December 20th 2023**. The course is designed for the students of the Microbiology department.

- i) Application form: Application form may be obtained from the department/ Website
- ii) Duration of course: 30 Hours
- iii) Submission of Application: Candidate desirous to get admission in the certificate course is required to apply in the prescribed Performa.
- iv) The last date of receiving application: 18th september 2023
- v) Rejection of Application: Incomplete application and application received after due date will be rejected/not considered
- vi) Those who successfully complete the course and clear the examination thereafter will be awarded with the certificate.



Department of Microbiology
PAZHASSIRAJA COLLEGE

Pulpally PO, Wayanad, Kerala
(Affiliated to University of Calicut and Managed by Catholic Diocese of Bathery)

To

The Principal
Pazhassiraja College

Sir,

Sub: Commencement of Certificate course by the Department of Microbiology Reg.

We are planning to conduct a certificate course in **Basic Bioinformatics - (PRMBC-BBI-02-23)** from **September 21st 2023 - December 20th 2023**. The total contact hours will be 30 and maximum intake will be limited to 20. The course is intended to acquire basic skills in Molecular biology Techniques. We are targeting students from the Microbiology Department for this programme.

I humbly request you to permit the department to conduct the above said course and also request your kind support for the successful completion.

The details are attached for your kind reference and perusal.

Thanking You

Sincerely

Smitha Chacko

Asst. Professor

Department of Microbiology
Pazhassiraja College
Pulpally(P.O), Wayanad



PRINCIPAL IN-CHARGE
PAZHASSIRAJA COLLEGE
PULPALLY - 673570

PAZHASSIRAJA COLLEGE, PULPALLY
Certificate course 2023-2024

Basic Bioinformatics - (PRMBC-BBI-02-23) - (PRMBC-BBI-02-23)

CONSTITUTION OF THE BOARDS OF STUDIES

Board of Studies: Board of Studies shall consist of the following members:

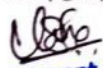
- a) The Chairperson of the Board of Studies who shall be appointed by the Principal from among the teachers in the Microbiology department.
- b) All other teachers in the department of Microbiology.

Functions of the Boards of Studies: The following shall be the functions of the Boards of Studies:

- a) To frame and revise as frequently as necessary the syllabus of the subject concerned shall be the main function of the Board of Studies.
- b) To recommend the rules, regulations and minimum qualifications required for admission into the subject/course concerned.
- c) To prepare/revise panels of paper setters and examiners for valuation, practical and viva-voce.
- d) To prepare model question papers for the subject concerned as and when there is a revision of syllabus.

Board of studies members

S.i No	Name	Designation
1	Vijisha M.C	Head & Assistant Professor
2	SmithaChacko	Assistant Professor
3	Jayasudha M	Assistant Professor
4	Dr.Sreedevi R	Assistant Professor
5	Dr. Riju M C	Assistant Professor

VIJISHA M.C (HOD. in charge)

 Department of Microbiology
 Pazhassiraja College
 Pulpally(P.O), Wayanad



PRINCIPAL IN-CHARGE
 PAZHASSIRAJA COLLEGE
 PULPALLY - 673579

Minutes of the Board of Studies for certificate course held on 1th September 2023 at the Department of Microbiology

Agenda

1. To approve the request for a new certificate course in the department
2. Approval of the syllabus submitted by the coordinator
3. Finalization of the schedule of the course to be conducted
4. Format of the examination


Decisions taken

1. Decided to conduct a certificate course with title **Basic Bioinformatics - (PRMBC-BBI-02-23)** from **September 21st 2023 - December 20th 2023**.
2. The syllabus submitted by the coordinator Ms. Smitha Chacko comprising 4 modules which need 30 contact hours is approved.
3. It has been decided to collect the duly filled application forms before 18th September 2023
4. It has been decided to commence the classes from 21st September 2023 and plan to complete the syllabus by 15th November and conduct an examination by December 2023.
5. It has been decided to publish the results by 20th December 2023.

Members present

1. Vijisha M.C-HOD
2. Smitha Chacko
3. Jayasudha M
4. Dr. Sreedevi R
5. Dr. Riju MC



VIJISHA M.C (HOD-in-charge)

Department of Microbiology
Pazhassiraja College
Pulpally(P.O), Wayanad



PRINCIPAL IN-CHARGE
PAZHASSIRAJA COLLEGE
PULPALLY - 673570

**PAZHASSIRAJA COLLEGE, PULPALLY
CERTIFICATE COURSE**

Basic Bioinformatics - (PRMBC-BBI-02-23)

Sl. NO	REG.NO	NAME	MARKS (50)			STATUS
			Internal (25)	External (25)	Total (50)	
1		Aneeha Nushrin	21	22	43	PASS
2		Alna Jose	17	15	32	PASS
3		Parvathi R S	20	18	38	PASS
4		Jemy Shaju	23	21	44	PASS
5		Riya Roby	20	19	39	PASS
6		Adhithya Anilkumar	17	18	36	PASS
7		Deepika P C	20	19	39	PASS
8		Anamika S	20	18	38	PASS
9		Nivedya Raj	18	19	37	PASS
10		Nandana PC	17	18	35	PASS

11		Athira A V	20	19	39	PASS
12		Fathima Riya P V	20	18	38	PASS
13		Sisira C T	20	19	39	PASS
14		Anjana	17	17	34	PASS
15		Fathima Nahla	20	18	38	PASS
16		Shamna K C	17	18	35	PASS
17		Aysha Shahna C K	19	16	35	PASS
18		Benson Bovas M	17	18	35	PASS
19		Fathimath Harshitha	20	18	38	PASS
20		Shijas Muhammed	17	18	35	PASS
21		Yadhu Krishna VP	17	18	35	PASS
22		Srindhini V V	20	17	37	PASS
23		Aslaha shamsudheen	17	18	35	PASS
24		Saiba Quasim	20	18	38	PASS
25		Avani Prakash	20	17	37	PASS
26		Nandana Rajeh	20	18	38	PASS

VISHA M.G (HOD-m-chemistry)

Department of Microbiology
Pazhassiraja College
Pulpally(P.O), Wayanad



[Handwritten signature]

PRINCIPAL IN-CHARGE
PAZHASSIRAJA COLLEGE



PAZHASSIRAJA COLLEGE

Pulpally, Wayand-673579

Re-Accredited by NAAC with 'A+' Grade (Affiliated to University of Calicut)

No. _____

CERTIFICATE

This is to certify that Ms/Mr. Aneeha Nushrin
has successfully completed the certificate /Diploma course in

Basic Bioinformatics
conducted by the Dept. of Microbiology
in the year 2023-2024


Course Coordinator


Principal



PRINCIPAL IN-CHARGE
PAZHASSIRAJA COLLEGE
PULPALLY - 673579



Department of Microbiology

PAZHASSIRAJA COLLEGE

Pulpally PO, Wayanad, Kerala

(Affiliated to University of Calicut and Managed by Catholic Diocese of Bathery)

departmentofmicrobiologyprc@gmail.com

To

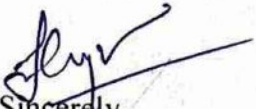
The Principal
Pazhassiraja College, Pulpally.

Sir,

Sub: Commencement of Certificate course by the Department of Microbiology Reg.


We are planning to conduct a certificate course in **Biofertilizer Production - (PRMBC-BP-01-23)** from **August 1st 2023 - September 30th 2023**. The total contact hours will be 35 and maximum intake will be limited to 30. The course is intended to acquire basic skills in the biofertilizer production. We are targeting students from Microbiology department for this programme. I humbly request you to permit the department to conduct the above said course and also request your kind support for the successful completion. The details are attached for your kind reference and perusal.

Thanking You


Sincerely,

Department of Microbiology
Pazhassiraja College
Pulpally(P.O), Wayanad




Principal
Pazhassiraja College
Pulpally. Pin: 673579

Minutes of the Board of Studies for certificate course held on 22th July 2023 at the Department of Microbiology

Agenda


1. To approve the request for a new certificate course in the department.
2. Approval of the syllabus submitted by the coordinator.
3. Finalization of the schedule of the course to be conducted.
4. Format of the examination.


Decisions taken

1. Decided to conduct a certificate course with title **Biofertilizer Production - (PRMBC-BP-01-23)**
2. The syllabus submitted by the coordinator Jayasudha M comprising of 4 modules which needs 35 contact hours is approved.
3. It has been decided to collect the duly filled application forms before 30th July, 2023.
4. It has been decided to commence the classes from 1st August 2023 and planning to complete the syllabus by the end of September and conduct an examination by October 2023.
5. It has been decided to publish the results by end of October 2023.

Members present

1. Abdul Bari
2. Vijisha M.C
3. Smitha Chacko
4. Jayasudha M
5. Dr. Sreedevi R
6. Dr. Riju M C


Department of Microbiology
Pazhassiraja College
Pulpally(P.O), Wayanad


Principal
Pazhassi Raja College
Pulpally. Pin: 673579



Syllabus

Certificate course – 2023 -2024
Biofertilizer Production - (PRMBC-BP-01-23)

Duration of the course: 35 hours

External	60
Internal	20
Total	80

Biofertilizer Production - (PRMBC-BP-01-23)

Theory: 4 units, 35 hours

Course outcome:

1. To describe in detail Biofertilizer production.
2. To learn about cultivation strategies, design and biofertilizer
3. To learn various techniques of biofertilizer production, harvesting and packaging and field trials.

Syllabus:

Module-1: (7 hrs)

Introduction, History and concept of Bio fertilizers ,status scope and importance of Bio fertilizers, Classification of Bio fertilizers. Nitrogen fixation.

Module-2: (7 hrs)

Structure and characteristic features of bacterial Bio fertilizers- Azospirillum, Azotobacter, Bacillus, Pseudomonas, Rhizobium , mycorrhiza and Frankia.

Module-3: (10 hrs)

Production technology: Strain selection, sterilization, growth and fermentation, equipment, mass production of carrier based and liquid bio fertiizers. FCO specifications and quality control of bio fertilizers.

Module-4: (11 hrs)

Application technology for seeds, seedlings, tubers, sets etc. Biofertilizers -Storage, shelf life, quality control and marketing. Factors influencing the efficacy of bio fertilizers.

REFERENCES:

1. Text book of Biotechnology- R C Dubey
2. Biofertilizer in agriculture and forestry- Subbarao



Department of Microbiology
Pazhassiraja College
Pulpally(P.O), Wayanad

Principal
Pazhassiraja College
Pulpally. Pin: 673579

PAZHASSIRAJA COLLEGE, PULPALLY
Certificate course –2023-2023

Biofertilizer Production - (PRMBC-BP-01-23)

CONSTITUTION OF THE BOARDS OF STUDIES

Board of Studies: Board of Studies shall consist of the following members:

- a) The Chairperson of the Board of Studies who shall be appointed by the Principal from among the teachers in the Microbiology department.
- b) All other teachers in the department of Microbiology.
- c) Experts of the subject concerned from outside the University to be appointed by the Principal.

Functions of the Boards of Studies: The following shall be the functions of the Boards of Studies:

- a) To frame and revise as frequently as necessary the syllabus of the subject concerned shall be the main function of the Board of Studies.
- b) To recommend to the rules, regulations and minimum qualifications required for admission into subject/course concerned.
- c) To prepare/revise panels of paper setters and examiners for valuation, practical and viva-voce.
- d) To prepare model question papers for the subject concerned as and when there is a revision of syllabus.

Board of studies members

S.i No	Name	Designation
1	Abdul Bari	Assistant Professor
2	Vijisha M.C	Assistant Professor
3	SmithaChacko	Assistant Professor
4	Jayasudha M	Assistant Professor
5	Dr. Sreedevi R	Assistant Professor
6	Dr. Riju M C	Assistant Professor


Department of Microbiology
Pazhassiraja College
Pulpally(P.O), Wayanad


Principal
Pazhassi Raja College
Pulpally. Pin:673579



PAZHASSIRAJA COLLEGE, PULPALLY
DEPARTMENT OF MICROBIOLOGY

Circular for Students

**Sub: Conduct of 35 hours Certificate course in
Biofertilizer Production - (PRMBC-BP-01-23)**

August 1st, 2023- September 30th 2023

Department of Microbiology is going to conduct 35 hours Certificate course in **Biofertilizer Production - (PRMBC-BP-01-23)** from **August 1st 2023 - September 30th 2023**. The course is designed for the students of the Microbiology.


- i) Application form: Application form may be obtained from the department.
- ii) Duration of course: 35 Hours
- iii) Submission of Application: Candidate desirous to get admission in the certificate course is required to apply in the prescribed Performa.
- iv) The last date of receiving application: 30th July, 2023.
- v) Rejection of Application: Incomplete application and application received after due date will be rejected/not considered.
- vi) Those who successfully complete the course and clear the examination thereafter will be awarded with the certificate.


Course Coordinator

**Department of Microbiology
Pazhassiraja College
Pulpally(P.O), Wayanad**


Head of the Department

Principal


Principal
Pazhassi Raja College
Pulpally. Pin: 673579



Pazhassiraja College, Pulpally
Certificate course- October 2023 Examinations
Biofertilizer Production - (PRMBC-BP-01-23)

Time: 2 hrs

Max. Marks: 50

Section 1: Answer all the questions.

1. Expand YEMA.
2. Which is the medium used for Azotobacter.
3. is a nitrogen fixer in the root nodules of *Alnus*.
4. Which is the fern in biofertilizer?
5. is used as a biofertilizer for soybean crop.

1x5=5 marks

Section 2: Short answer questions. Answer all the questions.


6. Write the identification methods of Rhizobium
7. Seed treatment in Azospirillum
8. FSO Specification
9. Write a note on storage and shelf life of biofertilizer
10. Types of mycorrhiza


5x5=25 marks

Section C: Long answer questions. Answer any 2 questions.

11. Write in detail about Rhizobium.
12. Explain the mass production of Rhizobium.
13. Discuss in detail Endomycorrhiza.

2x10=20 marks


Department of Microbiology
Pazhassiraja College
Pulpally(P.O), Wayanad


Principal
Pazhassi Raja College
Pulpally, Pin:673579



PAZHASSIRAJA COLLEGE, PULPALLY
CERTIFICATE COURSE OCTOBER- 2023 EXAMINATIONS
Biofertilizer Production - (PRMBC-BP-01-23)

SI.N O	REG.NO	NAME	STREAM	MARKS (80)			STATUS
				Internal (20)	External (60)	Total	
1	23BP01	Abhirami K A	Microbiology	19	49	68	PASS
2	23BP02	Alex Lawrence	Microbiology	18	47	65	PASS
3	23BP03	Anamika P M	Microbiology	19	51	70	PASS
4	23BP04	Arya P S	Microbiology	18	52	70	PASS
5	23BP05	Ayda Aspin Abraham	Microbiology	18	49	67	PASS
6	23BP06	Femiya Thomas	Microbiology	18	48	66	PASS
7	23BP07	Hiba	Microbiology	18	50	68	PASS
8	23BP08	Hudha K T	Microbiology	18	54	72	PASS
9	23BP09	Jiljina Hameed	Microbiology	19	51	70	PASS
10	23BP10	Jishna V	Microbiology	18	45	63	PASS
11	23BP11	Khadeeja Ansi V A	Microbiology	18	50	68	PASS
12	23BP12	Nanditha T R	Microbiology	19	49	68	PASS
13	23BP13	Nida Fathima J S	Microbiology	19	51	70	PASS
14	23BP14	Nishahina M K	Microbiology	18	52	70	PASS
15	23BP15	Sarun T B	Microbiology	18	52	70	PASS
16	23BP16	Smera K M	Microbiology	18	51	69	PASS
17	23BP17	Sibiya Wilson	Microbiology	18	49	67	PASS
18	23BP18	Sumayya M C	Microbiology	18	50	68	PASS
19	23BP19	Ridha K	Microbiology	18	49	67	PASS


Department of Microbiology
Pazhassiraja College
Pulpally(P.O), Wayanad




Principal
Pazhassiraja College
Pulpally, Pin:673579

Pazhassiraja College, Pulpally
Department of Microbiology


Course completion certificate

This is to certify that the certificate course on 'Biofertilizer Production - (PRMBC-BP-01-23)' conducted by PG department of Microbiology has been successfully completed during 1st August 2023 to 31st November, 2023. A total number of 19 students have enrolled for the programme and hands on training for the production of biofertilizer have been given to the students. An internal and external evaluation has been conducted for the course and the students have successfully completed the same by October 30, 2023.



HOD

Department of Microbiology
Pazhassiraja College
Pulpally(P.O), Wayanad



Principal
Pazhassiraja College
Pulpally. Pin:673579



PAZHASSIRAJA COLLEGE

Pulpally, Wayand-673579

Re-Accredited by NAAC with 'A+' Grade (Affiliated to University of Calicut)

No. _____

CERTIFICATE

This is to certify that Ms/Mr. Abhirami K A
has successfully completed the certificate /Diploma course in

Biofertilizer Production
conducted by the Department of Microbiology
in the year 2023-2024



[Signature]
Course Coordinator

[Signature]
Principal
Pazhassiraja College
Fulpally Pin:673579

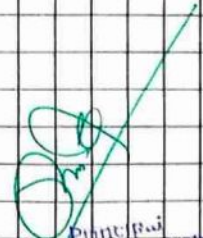
August 1st - September 30

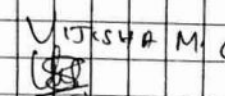
2023 - 2024

Name of Course Biofermentation Production

Name of Teacher JAYASUDHA M.

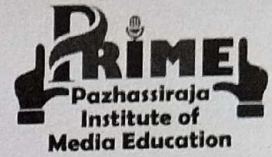
Ad. No.	Class No.	Name of Student	1-8-2023	2-8-2023	3-8-2023	4-8-2023	9-8-2023	10-8-2023	11-8-2023	17-8-2023	18-8-2023	19-8-2023	21-8-2023	22-8-2023	23-8-2023	24-8-2023	31-8-2023	1-9-2023	2-9-2023	5-9-2023	6-9-2023	11-9-2023	12-9-2023	13-9-2023	16-9-2023	20-9-2023	21-9-2023	22-9-2023	23-9-2023	25-9-2023	26-9-2023	27-9-2023	Total
			1	Abhirami KA	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
2	Alex Lawrence	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
3	Anamika PM	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
4	Arya PS	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
5	Ayda Aspin Abraham	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
6	Femiya Thomas	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
7	Hiba	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
8	Hudha KT	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
9	Jiljina Hameed	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
10	Jishna V	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
11	Khadeeja Ansi VA	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
12	Nanditha TR	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
13	Nida Fathima JS	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
14	Nishalina MK	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
15	Sarun TB	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
16	Ridha K	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
17	Smera KM	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
18	Sibiya Wilson	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
19	Sumayya MC	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	


 Vijiresha M.C.
 Department of Microbiology
 Pazhassiraja College
 Pulpally, Wayanad


 Vijiresha M.C.
 Department of Microbiology
 Pazhassiraja College
 Pulpally, Wayanad

MASS COMMUNICATION AND JOURNALISM
PAZHASSIRAJA COLLEGE

(Affiliated to the University of Calicut)
Re – accredited by NAAC with 'A+' Grade
PULPALLY, KERALA, INDIA 673579



Report:

PRCAP -1B- 01- 23 Certificate Course in Advanced Photography

Introduction

This report provides a comprehensive overview of the Advanced Photography Certificate Course conducted for college students. It outlines the course objectives, curriculum, teaching methodology, student performance, and overall outcomes.

Course Objectives

- Master advanced camera settings and functions.
- Utilize various lighting techniques for studio and outdoor photography.
- Explore advanced exposure control for creative effects.
- Develop proficiency in advanced editing and post-processing software like Adobe Photoshop.
- Refine composition and visual storytelling techniques.
- Conceptualize and create a personal photographic project.
- Critique and analyze photographs from a technical and aesthetic perspective.

Total number of participants: 18

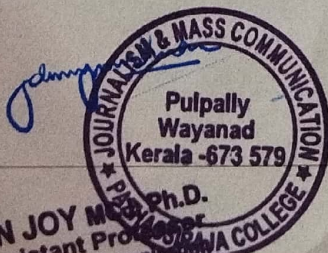
Year of study: 2023

Department: Journalism and Mass Communication

Institute : Pazhassiraja College Pulpally


Conclusion

The Advanced Photography Certificate Course successfully achieved its objectives of enhancing students' photographic skills and knowledge. The course provided a solid foundation for further exploration in photography and equipped students with the necessary tools for professional development.



Dr. JOBIN JOY M. Ph.D.
HoD & Assistant Professor
Journalism & Mass Communication
Pazhassiraja College, Pulpally
Wayanad - 673 579

www.pazhassirajacollege.ac.in
Office: +91 4936-242266, 240366
masscom@pazhassirajacollege.ac.in

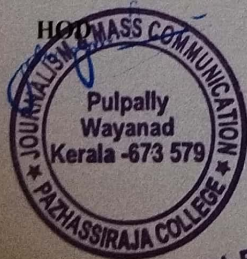

PRINCIPAL IN-CHARGE
PAZHASSIRAJA COLLEGE
PULPALLY - 673579



PAZHASSIRAJA COLLEGE, PULPALLY
DEPARTMENT JOURNALISM & MASS COMMUNICATION

List of students for certificate course
Advanced Photography

Sl. No	Reg. No	Name
1	PZAVAMCR 02	ASWIN KRISHANA P M
2	PZAVAMCR 03	AAVANI S S
3	PZAVAMCR 04	ADITHYA T
4	PZAVAMCR 05	AMAL THAHANA
5	PZAVAMCR 06	ANMARIYA JOSEPH
6	PZAVAMCR 07	ASWATHI M P
7	PZAVAMCR 08	DEVATHEERTHA O
8	PZAVAMCR 09	DILNA MANOJ T P
9	PZAVAMCR 10	MONISHA MANOJ EK
10	PZAVAMCR 11	NAJA NASRIN
11	PZAVAMCR 12	NANDANA M M
12	PZAVAMCR 13	NEHA MARIYA BABY
13	PZAVAMCR 14	PRANAYA RAJEEV
14	PZAVAMCR 17	ALAN DAS
15	PZAVAMCR 18	AMALJITH VS
16	PZAVAMCR 19	ASHIN M
17	PZAVAMCR 20	MUHAMMED HAFIZ
18	PZAVAMCR 21	SRITHIN CHANDRAN E



Dr. JOBIN JOY MCJ, Ph.D.
HoD & Assistant Professor
Journalism & Mass Communication
Pazhassiraja College, Pulpally
Wayanad - 673 579

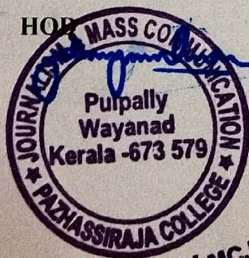
Principal

Principal
PRINCIPAL IN-CHARGE
PAZHASSIRAJA COLLEGE
PULPALLY - 673579

PAZHASSIRAJA COLLEGE, PULPALLY
DEPARTMENT JOURNALISM & MASS COMMUNICATION

Certificate course - PRCAP -1B- 01- 24 Advanced Photography
Attendance Sheet

Sl. No	Reg. No	Name	Signature
1	PZAVAMCR 02	ASWIN KRISHANA P M	<i>Aswin</i>
2	PZAVAMCR 03	AAVANI S S	<i>Aavani</i>
3	PZAVAMCR 04	ADITHYA T	<i>Adithya</i>
4	PZAVAMCR 05	AMAL THAHANA	<i>Amal</i>
5	PZAVAMCR 06	ANMARIYA JOSEPH	<i>Anmaria</i>
6	PZAVAMCR 07	ASWATHI M P	<i>Aswathi</i>
7	PZAVAMCR 08	DEVATHEERTHA O	<i>Devathi</i>
8	PZAVAMCR 09	DILNA MANOJ T P	<i>Dilna</i>
9	PZAVAMCR 10	MONISHA MANOJ EK	<i>Monisha</i>
10	PZAVAMCR 11	NAJA NASRIN	<i>Naja</i>
11	PZAVAMCR 12	NANDANA M M	<i>Nandana</i>
12	PZAVAMCR 13	NEHA MARIYA BABY	<i>Neha</i>
13	PZAVAMCR 14	PRANAYA RAJEEV	<i>Pranaya</i>
14	PZAVAMCR 17	ALAN DAS	<i>Alan</i>
15	PZAVAMCR 18	AMALJITH VS	<i>Amal</i>
16	PZAVAMCR 19	ASHIN M	<i>Ashin</i>
17	PZAVAMCR 20	MUHAMMED HAFIZ	<i>Muhammed</i>
18	PZAVAMCR 21	SRITHIN CHANDRAN E	<i>Srithin</i>



Dr. JOBIN JOY MCJ, Ph.D.
HoD & Assistant Professor
Journalism & Mass Communication
Puzhassiraja College, Pulpally
Wayanad - 673 579

Principal

PRINCIPAL IN-CHARGE
PAZHASSIRAJA COLLEGE
PULPALLY - 673579



DEPARTMENT OF ECONOMICS

PAZHASSIRAJA COLLEGE PULPALLY

Wayanad District, Kerala, 673579

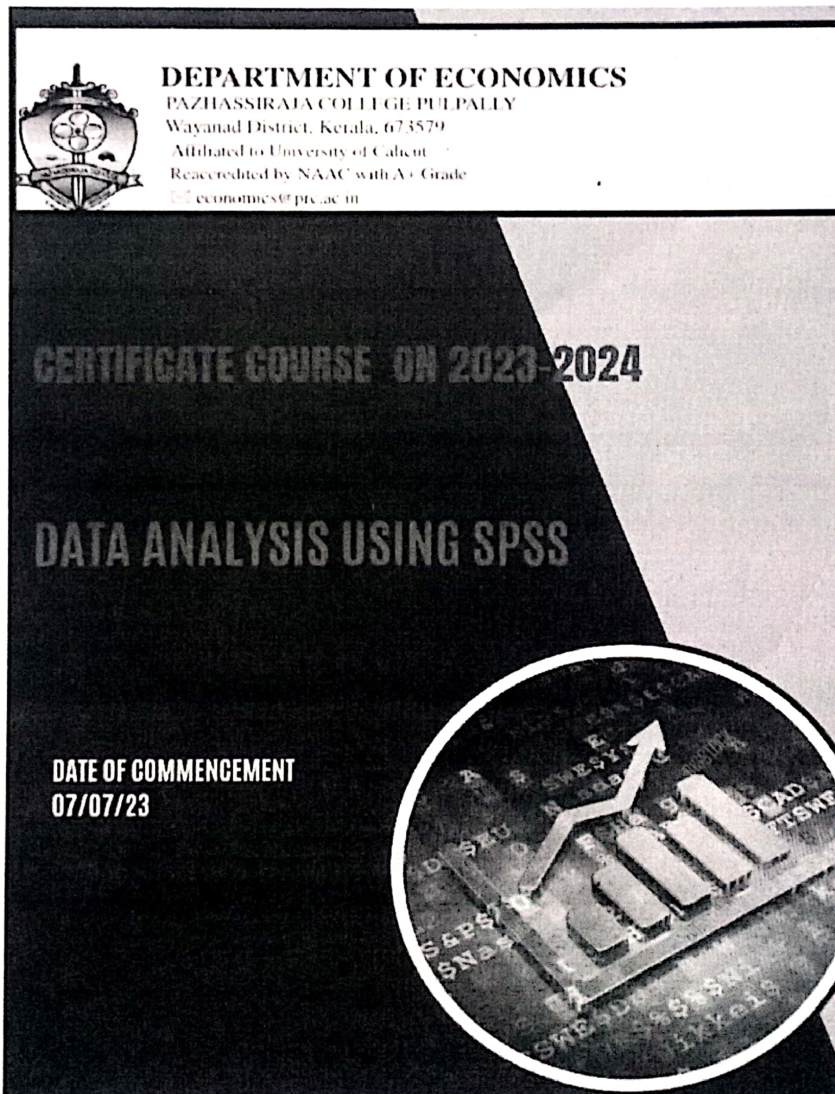
Affiliated to University of Calicut

Reaccredited by NAAC with A+ Grade

economics@pcc.ac.in

SUMMARY REPORT OF CERTIFICATE COURSE 2023-2024 DATA ANALYSIS USING SPSS

Introduction: The Data Analysis Using SPSS certificate course is designed to equip participants with the knowledge and skills necessary to effectively utilize SPSS software for data analysis. This report provides a comprehensive overview of the course content, learning outcomes, number of participants, duration of the course, course delivery, and participant feedback.



COURSE CONTENT:

1. **Introduction to Data Analysis:** Overview of data analysis concepts, including data collection, data cleaning, and data visualization.

2. **Introduction to SPSS:** Basic navigation of SPSS software, including data entry, manipulation, and basic statistical functions.

3. **Statistical Analysis:** Performing descriptive and inferential statistical analysis using SPSS, including t-tests, ANOVA, regression analysis, and chi-square tests.

4. **Data Interpretation:** Interpretation and reporting of SPSS output in a clear and concise manner.

OUTCOMES:

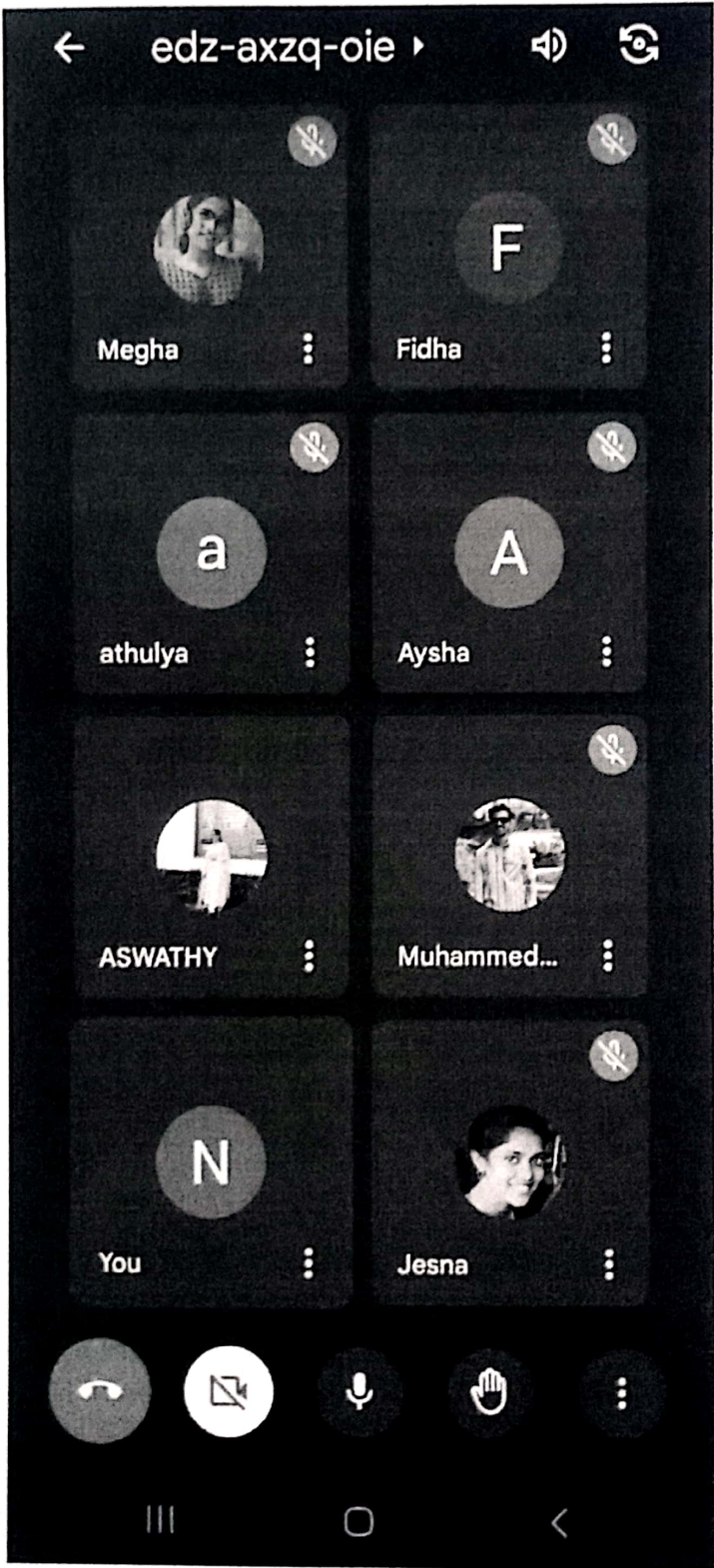
1. Understand the principles and practices of data analysis
2. Efficiently navigate and utilize SPSS software for data analysis
3. Perform and interpret various statistical analyses using SPSS

PARTICIPANTS:

The course was offered to the MA 1&2 Year students of the department. 12 students were enrolled in the course and all of them successfully completed the course.

DURATION OF THE COURSE: The course was started on 07/07/23 and ended on 09/02/24. The total duration of the course was 30 hours.

COURSE DELIVERY: The course was conducted in hybrid mode. The online sessions were handled by Neethu Devasia (Assistant professor in Economics)



PARTICIPANT FEEDBACK: Participants generally found the course highly informative and practical. Key feedback includes: Appreciation for hands-on sessions with SPSS tools. Interest in deeper dives into advanced statistical applications in specific disciplines.

CONCLUSION: The certificate course 'Data Analysis Using SPSS' has equipped participants with the essential skills and knowledge to harness SPSS effectively in data analysis workflows. Continuous updates and enhancements to the course content will ensure that participants stay current with rapidly evolving data analysis technologies.



The Head
Department of Economics
Pazhassiraja College
Pulpally, Pin 673570



ASSISTANT PROFESSOR
IN-CHARGE OF PRINCIPAL
PAZHASSIRAJA COLLEGE
PULPALLY 673570

To,

Dr. Silvi T.S

H/D, Department of Economics

Pazhassiraja College, Pulpally

Dear Madam

Subject: Approval of The Board of Studies for Certificate Course reg:

The Academic Programme Committee of Pazhassiraja College has approved the Board of Studies for the Certificate Course 'Data Analysis Using SPSS' to be conducted in the even semester of this academic year 2023-2024, as per the request placed by the Department of Economics.

The members of the Board of Studies

Dr. Silvi T.S

Ms.SarithaT.C

Ms. Delna Sunny

Ms. Neethu Devasia

Pulpally

27/07/23



The Head
Department of Economics
Pazhassiraja College
Pulpally, Pin 673579



ASSISTANT PROFESSOR
IN-CHARGE OF PRINCIPAL
PAZHASSIRAJA COLLEGE
PULPALLY - 673579

CERTIFICATE COURSE IN DATA ANALYSIS USING SPSS

(COURSE STRUCTURE & SYLLABUS)



PAZHASSIRAJA COLLEGE

Pulpally, Wayanad

Kerala

(Affiliated to the University of Calicut)

NAAC accredited with 'A+' grade

E-Mail: pzhassirajacollege@gmail.com

Web site: www.pr.ac

CERTIFICATE COURSE IN DATA ANALYSIS USING SPSS

COURSE CODE	DA24SPSS101
TITLE OF THE COURSES	DATA ANALYSIS USING SPSS
NO. OF CONTACT HOURS	30

INTRODUCTION: In the era of big data, the ability to analyze and interpret data effectively is crucial across various fields. SPSS (Statistical Package for the Social Sciences) is a powerful tool that allows users to perform complex data analysis with ease. This course aims to equip students with the skills needed to leverage SPSS for data analysis, enabling them to derive meaningful insights and make informed decisions based on data.

OBJECTIVES:

- 1. Understand SPSS Fundamentals:** Gain a foundational understanding of SPSS software, including its interface, features, and capabilities relevant to data analysis.
- 2. Data Management in SPSS:** Learn how to efficiently manage and manipulate datasets within SPSS, including data entry, cleaning, and transformation.
- 3. Performing Statistical Analysis:** Explore various statistical techniques and procedures available in SPSS for analyzing data, including descriptive statistics, inferential statistics, and multivariate analysis.
- 4. Interpreting and Reporting Results:** Develop the ability to interpret SPSS output correctly and present findings effectively using tables, charts, and reports.


KEY LEARNING OUTCOMES:

By the end of the course, the students will be able to:

1. Understand the capabilities and limitations of SPSS for data analysis.
2. Efficiently manage and manipulate datasets within SPSS.
3. Perform a variety of statistical analyses using SPSS.
4. Interpret and report the results of data analyses accurately and effectively.

ASSESSMENT: Student performance will be assessed based on examinations that test their foundational understanding of SPSS and the ethical considerations while using it. Practical knowledge will be assessed through assignments that require students to develop and analyze datasets using SPSS.


The Head
Department of Economics
Pazhassiraja College
Pulpally, Pin 673579


ASSISTANT PROFESSOR
IN-CHARGE OF PRINCIPAL
PAZHASSIRAJA COLLEGE
PULPALLY 673579

CERTIFICATE COURSE SYLLABUS

DATA ANALYSIS USING SPSS

Module I

Identify the types of variables and scales of measurement used in statistics - Population, Parameter, Estimator, Statistics. Scales of measurement-Nominal Scale , Ordinal Scale, Ratio Scale. Probability- Non Probability

Module II

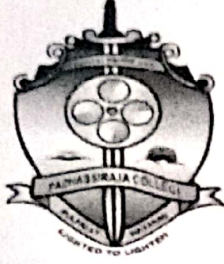
Different approaches for the graphical presentation of data in SPSS – Procedures for transforming data, recoding variables, and sorting data in SPSS – Data entry in SPSS – Saving data in SPSS - Exploratory Data Analysis

Module III

Test of hypothesis -- Hypothesis , Type of test- One tailed test, Two tailed test. Types of errors associated with hypothesis testing- Type I and Type II. Level of significance, Steps of hypothesis testing. P Value.

Module IV

ANOVA: What is ANOVA, Implementation of ANOVA in SPSS. Application of One way ANOVA in SPSS. Application of Two way ANOVA in SPSS. Non- parametric test - Using SPSS



DEPARTMENT OF ECONOMICS

PAZHASSIRAJA COLLEGE PULPALLY

Wayanad District, Kerala, 673579

Affiliated to University of Calicut

Reaccredited by NAAC with A+ Grade

✉ economics@pre.ac.in

ENROLLED LIST OF STUDENTS FOR CERTIFICATE COURSE 2023-2024

SL NO	REG NO	NAME	STREAM
1	PZAWMEC001	ASWATHY K	MA ECONOMICS
2	PZAWMEC002	ATHULYA JOY	MA ECONOMICS
3	PZAWMEC003	AYSHA SISBAN P H	MA ECONOMICS
4	PZAWMEC004	FIDHA FATHIMA	MA ECONOMICS
5	PZAWMEC005	JESNA SAJI	MA ECONOMICS
6	PZAWMEC006	MEGHA MUKUNDAN P M	MA ECONOMICS
7	PZAWMEC007	MUHAMMED ASHIQUE P	MA ECONOMICS
8	PZAWMEC008	MURSHIDA N	MA ECONOMICS
9	PZAXMECO01	AISWARYA JAYAKUMAR	MA ECONOMICS
10	PZAXMEC002	ANALYA RAJ	MA ECONOMICS
11	PZAXMEC003	ANJALI T.S	MA ECONOMICS
12	PZAXMECO04	JIJINA JOSE	MA ECONOMICS

The Head
Department of Economics
Pazhassiraja College
Pulpally, Pin 673579

ASSISTANT PROFESSOR
IN-CHARGE OF PRINCIPAL
PAZHASSIRAJA COLLEGE
PULPALLY 673579

Sl. No.	NAME	Date	
		Day	Date
1	ABHINAV K	X	15/1/23
2	ADARSH J	X	16/1/23
3	ADARSH D	X	17/1/23
4	ADARSH C	X	18/1/23
5	ADARSH S	X	19/1/23
6	ADARSH M	X	20/1/23
7	ADARSH N	X	21/1/23
8	ADARSH P	X	22/1/23
9	ADARSH Q	X	23/1/23
10	ADARSH R	X	24/1/23
11	ADARSH S	X	25/1/23
12	ADARSH T	X	26/1/23
13	ADARSH U	X	27/1/23
14	ADARSH V	X	28/1/23
15	ADARSH W	X	29/1/23
16	ADARSH X	X	30/1/23
17	ADARSH Y	X	31/1/23
18	ADARSH Z	X	1/2/24
19	ADARSH A	X	2/2/24
20	ADARSH B	X	3/2/24
21	ADARSH C	X	4/2/24
22	ADARSH D	X	5/2/24
23	ADARSH E	X	6/2/24
24	ADARSH F	X	7/2/24
25	ADARSH G	X	8/2/24
26	ADARSH H	X	9/2/24
27	ADARSH I	X	10/2/24
28	ADARSH J	X	11/2/24
29	ADARSH K	X	12/2/24
30	ADARSH L	X	13/2/24
31	ADARSH M	X	14/2/24
32	ADARSH N	X	15/2/24
33	ADARSH O	X	16/2/24
34	ADARSH P	X	17/2/24
35	ADARSH Q	X	18/2/24
36	ADARSH R	X	19/2/24
37	ADARSH S	X	20/2/24
38	ADARSH T	X	21/2/24
39	ADARSH U	X	22/2/24
40	ADARSH V	X	23/2/24

Sl. No.	NAME	Date		No. of days present	Present up-to-date	Attendance %	Admission Fee Rs	Date of Payment	SPECIAL FEE		TOTAL	Date of Payment	Initials of Class Teacher	Remarks
		Fee	Fine											
1	ABHINAV K	X	15/1/23	30	100	100	A							
2	ADARSH J	X	16/1/23	30	100	100	A							
3	ADARSH D	X	17/1/23	30	100	100	A							
4	ADARSH C	X	18/1/23	30	100	100	A							
5	ADARSH S	X	19/1/23	30	100	100	A							
6	ADARSH M	X	20/1/23	30	100	100	A							
7	ADARSH N	X	21/1/23	30	100	100	A							
8	ADARSH P	X	22/1/23	30	100	100	A							
9	ADARSH Q	X	23/1/23	30	100	100	A							
10	ADARSH R	X	24/1/23	30	100	100	A							
11	ADARSH S	X	25/1/23	30	100	100	A							
12	ADARSH T	X	26/1/23	30	100	100	A							
13	ADARSH U	X	27/1/23	30	100	100	A							
14	ADARSH V	X	28/1/23	30	100	100	A							
15	ADARSH W	X	29/1/23	30	100	100	A							
16	ADARSH X	X	30/1/23	30	100	100	A							
17	ADARSH Y	X	31/1/23	30	100	100	A							
18	ADARSH Z	X	1/2/24	30	100	100	A							
19	ADARSH A	X	2/2/24	30	100	100	A							
20	ADARSH B	X	3/2/24	30	100	100	A							
21	ADARSH C	X	4/2/24	30	100	100	A							
22	ADARSH D	X	5/2/24	30	100	100	A							
23	ADARSH E	X	6/2/24	30	100	100	A							
24	ADARSH F	X	7/2/24	30	100	100	A							
25	ADARSH G	X	8/2/24	30	100	100	A							
26	ADARSH H	X	9/2/24	30	100	100	A							
27	ADARSH I	X	10/2/24	30	100	100	A							
28	ADARSH J	X	11/2/24	30	100	100	A							
29	ADARSH K	X	12/2/24	30	100	100	A							
30	ADARSH L	X	13/2/24	30	100	100	A							
31	ADARSH M	X	14/2/24	30	100	100	A							
32	ADARSH N	X	15/2/24	30	100	100	A							
33	ADARSH O	X	16/2/24	30	100	100	A							
34	ADARSH P	X	17/2/24	30	100	100	A							
35	ADARSH Q	X	18/2/24	30	100	100	A							
36	ADARSH R	X	19/2/24	30	100	100	A							
37	ADARSH S	X	20/2/24	30	100	100	A							
38	ADARSH T	X	21/2/24	30	100	100	A							
39	ADARSH U	X	22/2/24	30	100	100	A							
40	ADARSH V	X	23/2/24	30	100	100	A							

The Head
Department of Economics
Pazhassiraja College
Pulpally, Pin 673579

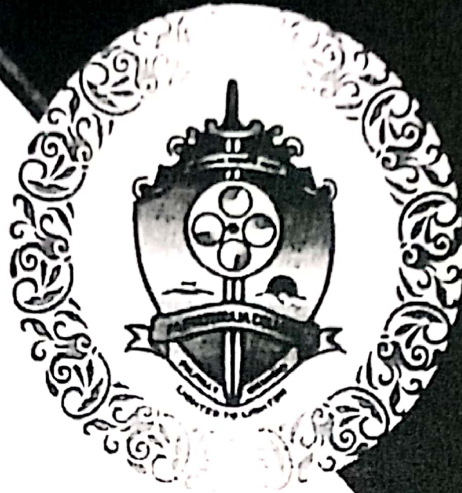
ASSISTANT PROFESSOR
IN CHARGE OF PRINCIPAL
PAZHASSIRAJA COLLEGE
PULPALY - 673579

Number: ..C.C.A. SPSS 101.....

Pazhassiraja College

Pulpally, Wayanad-673579

NAAC Accredited with 'A+' Grade
(Affiliated to University of Calicut)



CERTIFICATE

This is to certify that Ms/Mr. Alisha Sivasan....
has successfully completed the certificate course in
..DATA ANALYSIS USING SPSS....conducted by the
..DEPARTMENT OF ECONOMICS.....
in the year 2023 - 2024

A handwritten signature in blue ink, likely belonging to the Head of the Department.

The Head
Department of Economics
Pazhassiraja College
Pulpally, Pin 673579

Course Coordinator

Head of the Department

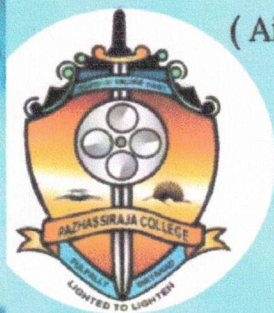
Principal

Department of Biochemistry

Pazhassiraja College, Pulpally, Wayanad, Kerala - 673579

(Aided College, Affiliated to University of Calicut)

Re-Accredited by NAAC 'A+' Grade



Neethu George

Assistant Professor & Head

neethu@prc.ac.in

www.pazhassirajacollege.ac.in

Mob: +91 9497811468

SUMMARY REPORT

CERTIFICATE COURSE IN PHARMACEUTICAL NANOTECHNOLOGY

Programme Details:

Title	Audience	Duration	Total Hours	Number of Participants
Certificate course in Pharmaceutical Nanotechnology	B.Sc. Microbiology and Biochemistry Students	1st August 2023 - 31st August 2023	30 hours	30 students

Objectives:

The programme aimed to provide students with comprehensive knowledge and practical skills in the field of pharmaceutical nanotechnology, focusing on its applications in microbiology and biochemistry.

Methodology:


- Lectures: In-depth theoretical knowledge was provided through interactive lectures.
- Practical Sessions: Hands-on experience in synthesizing and characterizing nanoparticles.
- Group Discussions: Encouraging collaborative learning and problem-solving.

Outcomes:

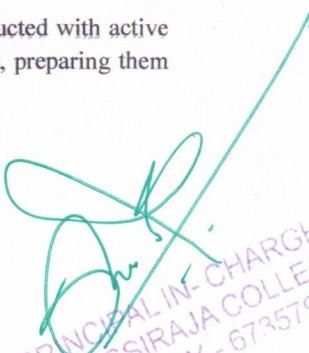
- Students gained a thorough understanding of pharmaceutical nanotechnology and its applications.
- Participants learned various synthesis and characterization techniques for nanoparticles.

Conclusion:

The certificate programme in Pharmaceutical Nanotechnology was successfully conducted with active participation from the students. It provided them with valuable knowledge and practical skills, preparing them for future endeavours in the field of nanotechnology.


NEETHU GEORGE
Asst. Professor & Head
Department Of Biochemistry
Pazhassiraja College
Pulpally P.O., Wayanad




PRINCIPAL IN-CHARGE
PAZHASSIRAJA COLLEGE
PULPALLY - 673579

Curriculum

PAZHASSIRAJA COLLEGE, PULPALLY DEPARTMENT OF BIOCHEMISTRY

Course Code: PRBC –BN 23-24

Contact Hours: 30

Course objectives:

The Pharmaceutical Nanotechnology Certificate Program aims to provide participants with a comprehensive understanding of nanotechnology principles and their applications in pharmaceuticals. Participants will learn about various nanomaterials, their properties, and how they enhance drug delivery systems. The course covers the role of nanotechnology in treating diseases, particularly cancer, while addressing regulatory and ethical issues. By exploring future trends and innovations, students will be equipped to propose new applications in the pharmaceutical industry. Through lectures, hands-on activities, and collaborative projects, participants will develop both theoretical knowledge and practical skills in this emerging field.

Course Outline:

Module 1: Fundamentals of Nanotechnology

Definition and scope of nanotechnology, Historical development and key milestones Overview of nanotechnology in pharmaceuticals, Types of nanomaterials (nanoparticles, nanofibers, nanotubes, etc.), Synthesis and characterization techniques, Properties and behaviors of nanomaterials

Module II: Nanotechnology in Drug Delivery

Principles of drug delivery systems, Advantages of nanoscale drug delivery, Types of nanocarriers (liposomes, dendrimers, polymeric nanoparticles, etc. Mechanisms of targeting (passive and active targeting) Role of surface modification and ligands. Case studies of targeted drug delivery systems

Module III: Nanotechnology in Cancer Therapy

Nanotechnology-based approaches for cancer treatment, Examples of nanoparticles in chemotherapy, radiotherapy, and immunotherapy, Clinical case studies and current research, Regulatory guidelines for nanotechnology-based pharmaceuticals

Distribution of Marks:

External	60 marks
Internal	20 marks
Total	80 marks

PAZHASSIRAJA ATTENDANCE

Name of Course Pharmaceutical Nanotechnology.

Ad. No.	Class No.	Name	1/8/23 3-5pm					2/8/23					5/8/23					9/8/23					12/8/23								
			1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5				
1		Adithya Amikumar	Adithya					Adithya						Adithya						Adithya						Adithya					
2		Ajo E Dominic	Ajo					Ajo						Ajo						Ajo						Ajo					
3		Agesha Shahna KK	Agesha					Agesha						Agesha						Agesha						Agesha					
4		Benson Bovas M	Benson					Benson						Benson						Benson						Benson					
5		Fathimath Harshida	Fathimath					Fathimath						Fathimath						Fathimath						Fathimath					
6		Jemy Shaju	Jemy					Jemy						Jemy						Jemy						Jemy					
7		Muhammed Nihal A	Muhammed					Muhammed						Muhammed						Muhammed						Muhammed					
8		Nandana Rajesh																													
9		Riya Roby.	Riya					Riya						Riya						Riya						Riya					
10		Shamna KC	Shamna					Shamna						Shamna						Shamna						Shamna					
11		Shijas Muhammed																													
12		Ajay T D	Ajay					Ajay						Ajay						Ajay						Ajay					
13		Alma Toze	Alma					Alma						Alma						Alma						Alma					
14		Anamika S	Anamika					Anamika						Anamika						Anamika						Anamika					
15		Anjana C	Anjana					Anjana						Anjana						Anjana						Anjana					
16		Ardra V P	Ardra					Ardra						Ardra						Ardra						Ardra					
17		Aslaha Shamsudheen	Aslaha					Aslaha						Aslaha						Aslaha						Aslaha					
18		Avani Prakash	Avani					Avani						Avani						Avani						Avani					
19		Deepika C	Deepika					Deepika						Deepika						Deepika						Deepika					
20		Devidyana V	Devidyana					Devidyana						Devidyana						Devidyana						Devidyana					
21		Fathima Nahla																													
22		Kavya CS	Kavya					Kavya						Kavya						Kavya						Kavya					
23		Lediya Joseph	Lediya					Lediya						Lediya						Lediya						Lediya					
24		Nandakishore V G	Nandakishore					Nandakishore						Nandakishore						Nandakishore						Nandakishore					
25		Navya CS	Navya					Navya						Navya						Navya						Navya					
26		Parvathy RS																													
27		Sarba Quasim NC	Sarba					Sarba						Sarba						Sarba						Sarba					
28		Sisira CT	Sisira					Sisira						Sisira						Sisira						Sisira					
29		Srindhini V V	Srindhini					Srindhini						Srindhini						Srindhini						Srindhini					
30		Yadukrishana V P.	Yadukrishana					Yadukrishana						Yadukrishana						Yadukrishana						Yadukrishana					



No. _____

PAZHASSIRAJA COLLEGE

Pulpally, Wayand-673579

Re-Accredited by NAAC with 'A+' Grade (Affiliated to University of Calicut)

CERTIFICATE

This is to certify that Ms/Mr. FATHIMATH HARSHIDA
has successfully completed the certificate /Diploma course in
Pharmaceutical Nanotechnology
conducted by the Department of Biochemistry.
in the year 2023-2024

Course Coordinator

NEETHU GEORGE
Asst. Professor & Head
Department Of Biochemistry
Pazhassiraja College
Pulpally P.O., Wayand

Principal

Principal
Pazhassi Raja College
Pulpally. Pin: 673579





No. _____

PAZHASSIRAJA COLLEGE

Pulpally, Wayand-673579

Re-Accredited by NAAC with 'A+' Grade (Affiliated to University of Calicut)

CERTIFICATE

This is to certify that Ms/Mr. BENSON BOVAS
has successfully completed the certificate /Diploma course in
Pharmaceutical Nanotechnology
conducted by the Department of Biochemistry.
in the year 2023- 2024

Course Coordinator

MR. GEORGE
Assistant Professor & Head
Department of Biochemistry
Pazhassiraja College
Pulpally P.O., Wayanad



Principal

Principal
Pazhassi Raja College
Pulpally. Pin:673579



Department of Computer Applications
PAZHASSIRAJA COLLEGE

Pulpally PO, Wayanad, Kerala-673579

(Affiliated to University of Calicut and Managed by Catholic Diocese of Bathery)

Neetha Francis
Asst. Professor and Head

www.prc.ac.in
neethafrancis@prc.ac.in
Mob: +91 8547122734

31-03-2024

SUMMARY REPORT

CERTIFICATE COURSE ON FUNDAMENTLS OF PYTHON (PRCAC -FP- 05- 23)

Programme Details:

Duration of the course - Theory: 18 Hrs+ Practical: 17 Hrs.Total: 35Hrs

SI	Contents	Theory	Practical
1	Introduction to Python	5	4
2	Control flow and decision making	4	4
3	Functions	5	3
4	List, tuple, dictionaries	4	6
	Total Hours	18	17

About the course:

This course is designed to provide you with a solid foundation in the Python programming language, covering essential concepts and techniques that will empower you to write efficient and effective Python code. This will also guide you through the fundamentals of Python and help you build a strong programming skill set.

Objectives of the Course:

- To learn the fundamentals of Python programming language
- To learn decision making, looping and functions in Python


Prerequisites:

Basic knowledge in computer

Outcomes:

- Students gained a thorough understanding of Python and its applications
- Learned to do programs using numerical Python


NEETHA FRANCIS
Assistant Professor
Dept.of Computer Applications
Pazhassiraja College
Pulpally, Wayanad


PRINCIPAL IN-CHARGE
PAZHASSIRAJA COLLEGE
PULPALLY - 673579

Conclusion:

Department of Computer Applications conducted 35 Hours (17 hrs-Theory, 18 hrs-Practical) Certificate course in Fundamentals of Python (PRCAC-FP-05-23) from October 9th 2023 - January 27th 2024. 22 students were enrolled in the course. Hands on sessions were given to the students in the computer lab. Exam was conducted on 27th January 2024. 22 students attended the exam. Certificates were distributed on 16th February 2024.

CURRICULUM**FUNDAMENTALS OF PYTHON (PRCAC-FP-05-23)**

Number of Contact Hours: 35 Hours.

Course Outline:

Module 1 - [9 Hours]: Introduction to Python: Understanding Python and its applications, Declaring variables and assigning values, Numeric, string, boolean, and list data types, Type conversion and typecasting

Module 2 - [8 Hours]: Control flow and decision making : If-else statements, Loops: for and while loops, break, continue, pass statements

Module 3 - [8 Hours]: Functions: Defining and calling functions, Function parameters and return values, Scope of variables: global and local

Module 4 - [10 Hours]: List, tuple, dictionaries: Working with lists and list operations, Understanding tuples and dictionary data structures, Manipulating and accessing data in these structures


References:

1. Lambert K A, Fundamentals of Python, Cengage Learning India, 2015
2. Reema Thareja, Python programming using problem solving approach, Oxford University Press

Distribution of Marks:

External	60 marks
Internal	20 marks
Total	80 marks


NEETHA FRANCIS
Assistant Professor
Dept. of Computer Applications
Pazhassiraja College
Pulpally, Wayanad


PRINCIPAL IN-CHARGE
PAZHASSIRAJA COLLEGE
PULPALLY - 673579

PAZHASSIRAJA COLLEGE, PULPALLY
CERTIFICATE COURSE JANUARY- 2024 EXAMINATIONS
PRCAC-FP-05-23: CERTIFICATE COURSE IN FUNDAMENTALS OF PYTHON


SL. NO	REG.NO	NAME	STREAM	MARKS SECURED (80)	STATUS
1	PRCAFP01	ADHITH NARAYAN	ECONOMETRICS	74	PASS
2	PRCAFP02	ANISHA V S	ECONOMETRICS	75	PASS
3	PRCAFP03	ASWIN K S	ECONOMETRICS	53	PASS
4	PRCAFP04	FATHIMA SHERIN	ECONOMETRICS	69	PASS
5	PRCAFP05	SRAVAN SURESH	ECONOMETRICS	59	PASS
6	PRCAFP06	ADARSH K M	ECONOMETRICS	49	PASS
7	PRCAFP07	ADARSH P D	ECONOMETRICS	57	PASS
8	PRCAFP08	AMALJITH P	ECONOMETRICS	54	PASS
9	PRCAFP09	ARCHANA JAYAPRAKASH	ECONOMETRICS	68	PASS
10	PRCAFP10	HIBA FATHIMA K V	ECONOMETRICS	67	PASS
11	PRCAFP11	HRIDYA NANDANA K J	ECONOMETRICS	70	PASS
12	PRCAFP12	JASMINE T S	ECONOMETRICS	67	PASS
13	PRCAFP13	MUHAMMAD NAVAS	ECONOMETRICS	71	PASS
14	PRCAFP14	MUHAMMED SINAN E K	ECONOMETRICS	73	PASS
15	PRCAFP15	NAFEESATHUL MISRIYYAH	ECONOMETRICS	68	PASS
16	PRCAFP16	NIKHIL N	ECONOMETRICS	47	PASS
17	PRCAFP17	SANIKA PRASAD	ECONOMETRICS	65	PASS
18	PRCAFP18	SANJAY BISWAS B S	ECONOMETRICS	46	PASS
19	PRCAFP19	SAYYID NUHMAN PASHA C P	ECONOMETRICS	72	PASS
20	PRCAFP20	SHAHANA FATHIMA	ECONOMETRICS	68	PASS
21	PRCAFP21	SHAHANA NASRI	ECONOMETRICS	66	PASS
22	PRCAFP22	SRAVAN KRISHNA	ECONOMETRICS	57	PASS

Course Co-ordinator



Ms. Neetha Francis

NEETHA FRANCIS
Assistant Professor
Dept. of Computer Applications
Pazhassiraja College
Pulpally, Wayanad



PRINCIPAL IN-CHARGE
PAZHASSIRAJA COLLEGE
PULPALLY - 673579

REPORT OF CERTIFICATE COURSE ON FUNDAMENTLS OF PYTHON

A certificate course in 'Fundamentals of Python' will provide the students an in-depth awareness of the basics of programming in Python. This course introduces the fundamentals of Python, data types and Numpy in Python and equips them with a thorough understanding of Python by lab exercises.

Department of Computer Applications conducted 35 Hours (17 hrs-Theory, 18 hrs-Practical) Certificate course in Fundamentals of Python (PRCAC-FP-05-23) from October 9th 2023 - January 27th 2024. 22 students were enrolled in the course. Hands on sessions were given to the students in the computer lab. Exam was conducted on 27th January 2024. 22 students attended the exam. Certificates were distributed on 18th November 2022.

07-02-2024

Course Co-ordinator

Neetha Francis



NEETHA FRANCIS
Assistant Professor
Dept. of Computer Applications
Pazhassiraja College
Pulpally, Wayanad



PRINCIPAL IN-CHARGE
PAZHASSIRAJA COLLEGE
PULPALLY - 673579

**PAZHASSIRAJA COLLEGE, PULPALLY
DEPARTMENT OF COMPUTER APPLICATIONS**

Course Completion Certificate

This is to certify that the certificate course on '**Fundamentals of Python**' conducted by Department of Computer Applications has been successfully completed during 9th October 2023 to 27th January, 2024. A total number of 22 students have enrolled for the programme and hands on training have been given to the students. An internal and external evaluation has been conducted for the course and 22 students have successfully completed the same by January 27th, 2024.



**NEETHA FRANCIS
Assistant Professor
Dept. of Computer Applications
Pazhassiraja College
Pulpally, Wayanad**



**PRINCIPAL IN CHARGE
PAZHASSIRAJA COLLEGE
PULPALLY - 673579**



Department of Computer Applications
PAZHASSIRAJA COLLEGE

Pulpally PO, Wayanad, Kerala
(Affiliated to University of Calicut and Managed by Catholic Diocese of Balthar)

Neetha Francis
Asst. Professor and Head

www.prc.ac.in
neethafrancis@prc.co.in
Mob: +91 8547122734

08-09-2023

To

The Principal
Pazhassiraja College

Sir,

Sub: Commencement of Certificate course by the Department of Computer Applications Reg.

We are planning to conduct a certificate course in **Fundamentals of Python (Code No. PRCAC-FP-05-23)**. The total contact hours will be 35 hours and maximum intake will be limited to 30. The course is intended to cover the basics of Python programming language.

I humbly request you to permit the department to conduct the above said course and also request your kind support for the successful completion.

The details are attached for your kind perusal.

Thanking You

Sincerely

Neetha Francis

*Approved for
conduct of the course.*

NEETHA FRANCIS
Assistant Professor
Dept. of Computer Applications
Pazhassiraja College
Pulpally, Wayanad

Minutes of the Board of Studies for Certificate Course held on 15th September 2023 at the Department of Computer Applications

Agenda

1. To approve the request for a new certificate course in the department
2. Approval of the syllabus submitted by the coordinator
3. Finalization of the schedule of the course to be conducted
4. Format of the examination

Decisions taken

1. Decided to conduct a certificate course with title: **Fundamentals of Python (PRCAC - FP- 05- 23)**
2. The syllabus submitted by the coordinator Ms. Neetha Francis comprising of 4 modules which needs 35 contact hours is approved.
3. It has been decided to collect the duly filled application forms before 29th September 2023.
4. It has been decided to commence the classes from 9th October 2023 and planning to complete the syllabus by 15th January 2024 and conduct an examination by the last week of January 2024.
5. It has been decided to publish the results by the first week of February 2024.

Members present

1. Neetha Francis-HOD



2. Sabu O J (Asst Prof. Mary Matha Arts & Science College, Mananthavady)



3. Ambily C B (Asst Prof., St. Mary's College, Bathery)



4. Nisha C D (Asst Prof., Little Flower College, Guruvayur)



PAZHASSIRAJA COLLEGE, PULPALLY
DEPARTMENT OF COMPUTER APPLICATIONS
Circular for Students

Sub: Conduct of 35 Hours Certificate Course in Fundamentals of Python from October 9th 2023-January 15th 2024.

Department of Computer Applications is going to conduct 35 Hours Certificate course in Fundamentals of Python from **October 9th 2023-January 15th 2024**. The course is designed for the students of all departments.

- i) Application form:
Application form can be downloaded from the college website www.prc.ac.in
- ii) Duration of course :35 Hours
- iii) Submission of Application :
Candidate desirous to get admission in the certificate course are required to apply in the prescribed Performa
- iv) The last date of receiving application: **29th September 2023.**
- v) Rejection of Application :
Incomplete application and application received after due date will be rejected/not considered
- vi) Those who successfully complete the course and clear the examination thereafter will be awarded with certificate




Course Co-ordinator



Head of the Department

NEETHA FRANCIS
Assistant Professor
Dept.of Computer Applications
Pazhassiraja College
Pulpally, Wayanad



Principal



APPLICATION FORM FOR CERTIFICATE COURSE
PAZHASSIRAJA COLLEGE, PULPALLY

Course Applied : Fundamentals of python
Name (in Block Letters) : SRAVANI KRISHNA
Address : ATTUVAYAL (H)
MEPPADI P.O
WAYANAD
Phone No : 9074027759
E-mail : Sravan.krishna2004@gmail.com
Department : ECONOMETRICS
Semester : III
Marks of Last Published Result : 80%
Any Certificate Course done
previously : YES/NO
(If yes give details) :
Reason for selecting this course: To LEARN PYTHON

For office use only

The application is verified and found correct.
The candidate is eligible for admission to the course

Course Co-ordinator

NEETHA FRANCIS
Assistant Professor
Dept. of Computer Applications
Pazhassiraja College
Pulpally, Wayanad



APPLICATION FORM FOR CERTIFICATE COURSE
PAZHASSIRAJA COLLEGE, PULPALLY

Course Applied : ~~Fundamentals~~ FUNDAMENTALS OF PYTHON
Name (in Block Letters) : ANISHA.V.S
Address : Vallyamkuzhiyil (H), Mylambadi (P.O)
Pannimunda, Mee nangadi
Phone No : 9048620696
E-mail : anishavs9048@gmail.com
Department : BA Econometrics And Data Management
Semester : 3rd semester
Marks of Last Published Result : 84%
Any Certificate Course done
previously : YES/NO
(If yes give details) : Diploma in computers Application
Reason for selecting this course: To learn about python language
and improve my knowledge.

For office use only

The application is verified and found correct.
The candidate is eligible for admission to the course

Course Co-ordinator

NEETHA FRANCIS
Assistant Professor
Dept. of Computer Applications
Pazhassiraja College
Pulpally, Wayanad

Ad. No.	Class No.	Name of Student	5hr	5hr	5hr	3hr	3hr	5hr	5hr	5hr	5hr
			21/10/23	28/10/23	4/11/23	18/11/23	25/11/23	2/12/23	16/12/23	6/1/24	27/1/24
	1	ADHITH NARAYAN	X	X	X	X	X	X	X	X	X
	2	AMISHA V S	X	X	X	X	X	X	X	X	X
	3	ASWIN K S	a	a	X	X	X	X	X	X	X
	4	FATHIMA SHERIN	X	X	X	a	X	X	X	X	X
	5	SRAVAN SURESH	X	X	a	X	X	X	X	X	X
	6	ADARSH K M	X	X	X	X	X	X	X	a	X
	7	ADARSH P D	X	X	a	X	X	X	X	X	X
	8	AMALJITH P	X	X	X	X	a	X	X	X	X
	9	ARCHANA JAYAPRAKASH	X	X	X	X	X	a	X	X	X
	10	HIBA FATHIMA K V	X	X	a	X	X	X	X	X	X
	11	HRIDYA NANDANA K J	X	X	X	a	X	X	X	X	X
	12	JASMINE T S	a	X	X	a	X	X	X	X	X
	13	MUHAMMAD NAVAS	X	X	X	X	X	X	a	X	X
	14	MUHAMMED SINAN E K	X	X	a	X	X	a	X	X	X
	15	NAFEESATHUL MISRIYAH	X	X	X	X	X	X	X	X	X
	16	NIKHIL N	a	X	a	X	X	a	X	X	X
	17	SANIKA PRASAD	X	X	X	X	X	X	X	X	X
	18	SANTAY BISWAS B S	a	X	X	X	a	X	a	X	X
	19	SAYYID NUHMAN PASHA C P	X	X	a	X	X	X	X	X	X
	20	SHAHANA FATHIMA	X	X	X	a	X	X	X	X	X
	21	SHAHANA NASRI	X	a	X	X	X	X	X	X	X
	22	SRAVAN KRISHNA	X	X	a	X	X	a	X	X	X

Teacher's Initial

PPPPPPPP



No. FP202313

PAZHASSIRAJA COLLEGE

Pulpally, Wayand-673579


NAAC Accredited with 'B' Grade (Affiliated to University of Calicut)

CERTIFICATE

This is to certify that ~~Ms~~/Mr. MUHAMMAD NAVAS
has successfully completed the certificate/Diploma course in
FUNDAMENTALS OF PYTHON
conducted by the DEPARTMENT OF COMPUTER APPLICATIONS
in the year 2023-2024


Course Coordinator

NEETHA FRANCIS
Assistant Professor
Dept. of Computer Applications
Pazhassiraja College
Pulpally, Wayanad


Principal
PRINCIPAL IN CHARGE
PAZHASSIRAJA COLLEGE
PULPALLY - 673579



No. FP202301

PAZHASSIRAJA COLLEGE

Pulpally, Wayand-673579

NAAC Accredited with 'B' Grade (Affiliated to University of Calicut)

CERTIFICATE

This is to certify that Ms/Mr. ADHITH NARAYAN
has successfully completed the certificate/Diploma course in
FUNDAMENTALS OF PYTHON
conducted by the DEPARTMENT OF COMPUTER APPLICATIONS
in the year 2023-2024


Course Coordinator

NEETHA FRANCIS
Assistant Professor
Dept. of Computer Applications
Pazhassiraja College
Pulpally, Wayanad


Principal
PRINCIPAL IN CHARGE
PAZHASSIRAJA COLLEGE
PULPALLY - 673579

2023-Batch

PRC-AC-FP-05-23

Fundamentals of Python

S.No.	Name	Registee No.	Marks	Date of Exam	Certificate No.	Signature
1	ADHITH NARAYAN	PRCAFPO1	74	27-01-2024	FP202301	
2	ANISHA V S	PRCAFPO2	75	"	FP202302	
3	ASWIN K S	PRCAFPO3	53	"	FP202303	
4	FATHIMA SHERIN	PRCAFPO4	69	"	FP202304	
5	SRAVAN SURESH	PRCAFPO5	59	"	FP202305	
6	ADARSH K M	PRCAFPO6	49	"	FP202306	
7	ADARSH P D	PRCAFPO7	57	"	FP202307	
8	AMALJITH P	PRCAFPO8	54	"	FP202308	
9	ARCHANA JAYAPRAKASH	PRCAFPO9	68	"	FP202309	
10	HIBA FATHIMA K V	PRCAFPO10	67	"	FP202310	

FRANCIS
Assistant Professor
Dept of Computer Applications
Pazhasseri College
Pazhasseri, Wayanad

S.N.	Name	Register No. <small>Camlin Page</small>	Marks	Date of Exam	Certificate No.	Signature <small>Camlin Page</small>
11	HARIDIA NANDANA K J	PRCAFP11	70	27-01-2024	FP202311	
12	JASMINE T S	PRCAFP12	67	"	FP202312	
13	MUHAMMAD NAVAS	PRCAFP13	71	"	FP202313	
14	MUHAMMED SINAH E K	PRCAFP14	73	"	FP202314	
15	NAFEE SATRUL MISRIYYAH	PRCAFP15	68	"	FP202315	
16	NIRHIL N	PRCAFP16	47	"	FP202316	
17	SANIKA PRASAD	PRCAFP17	65	"	FP202317	
18	SANJAY BISWAS B S	PRCAFP18	46	"	FP202318	
19	SAYYID NUHMAN PUSHA C P	PRCAFP19	72	"	FP202319	
20	SHABANA FATIHA	PRCAFP20	68	"	FP202320	

Sl. No.	Name	Register No.	Marks	Date of Exam	Certificate No.	Signature
21	SHAHANA NASR	PRCAF21	66	27-01-2024	FP202321	<i>Shahana</i>
22	SRAVAN KRISHNA	PRCAF22	57	"	FP202322	<i>Sraavan</i>
Attended and completed		- 22				

Neetha
NEETHA FRANCIS
 Assistant Professor
 Dept. of Computer Applications
 Pazhassiraja College
 Pulpally, Wayanad

[Signature]
 PRINCIPAL IN-CHARGE
 PAZHASSIRAJA COLLEGE
 PULPALLY - 673579

Department of Commerce
Pazhassiraja College, Pulpally.

Certificate Course – 2023-2024

**BBACC23: - CERTIFICATE COURSE IN MANAGEMENT OF INDIAN TOURISM
PRODUCTS.**

Duration of the course: 30 hours

External	80
Internal	20
Total	100

**BBACC23 CERTIFICATE COURSE IN MANAGEMENT OF INDIAN TOURISM
PRODUCTS.**

Theory: 5 Units, 30 hours

Objectives

- To study the vast Tourist resources of India;
- To conceptualize a tour itinerary based on variety of themes; and
- To identify and manage emerging tourist destinations.

CONTENTS OF THE SYLLABUS

Unit - I

Tourism products: Definition, Types and unique features - Tourism resources of India - Natural, Socio cultural, Diversities in Landform & Landscape - Outstanding Geographical features - Climate, Flora & Fauna.

Unit – II

Natural resources: Wildlife sanctuaries - National parks - Biosphere reserves - Mountain Tourist Resources and Hill stations – Islands – Beaches - Caves & Deserts of India.

Unit – III

Major tourism circuits of India: Inter State and Intra-State Circuits - Religious Circuits - Heritage Circuits - Wildlife Circuits. Cases of select destinations - Kerala, Rajasthan & Goa.

Unit – IV

Manmade resources: Adventure sports - Commercial attractions - Amusement Parks - Gaming - Shopping - Live Entertainments - Supplementary accommodation - House boats - Tree houses - Home stays - Tourism by rail - Palace on wheels - Deccan Odyssey & Golden chariot.

Unit - V

Emerging Tourism Destinations of India: Ecotourism - Rural Tourism - Golf Tourism - Wine Tourism - Camping Tourism - Medical Tourism - MICE Tourism - Pilgrimage Tourism.

References

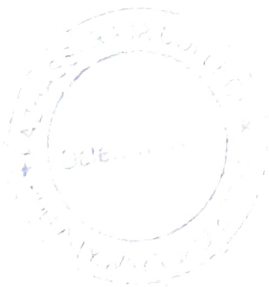
Manoj Dixit (2002), TOURISM PRODUCTS, *New Royal Book Co. Lucknow.*

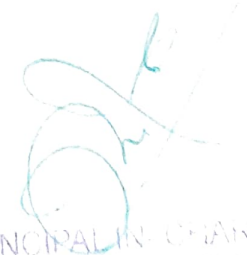
Norman Douglas, SPECIAL INTEREST TOURISM, *John Wiley, Australia.*

Robinet Jacob (2007), INDIAN TOURISM PRODUCTS, *Abhijeet Pub, Delhi.*

Sarina Singh (2008), LONELY PLANET INDIA.

Stephen Ball (2007), ENCYCLOPEDEA OF TOURISM RESOURCES IN INDIA,




PRINCIPAL IN CHARGE
PAZHASSIRAMA COLLEGE
PULPALLY - 673579

DEPARTMENT OF COMMERCE

PAZHASSIRAJA COLLEGE, PULPALLY

Certificate Course – 2023-2024

BBACC23: - CERTIFICATE COURSE IN MANAGEMENT OF INDIAN TOURISM PRODUCTS.

NOTICE

Department of Commerce are organizing a certificate course in **MANAGEMENT OF INDIAN TOURISM PRODUCTS** from **5TH JUNE to 30TH OCTOBER 2023**. The course is designed for the students of BBA. Please take note of the following.

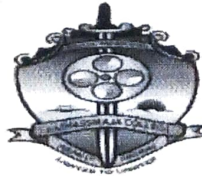
- i) Application form: Application form may be obtained from the department.
- ii) Duration of course: 30 Hours
- iii) Submission of Application: Candidate desirous to get admission in the certificate course is required to apply in the prescribed Performa.
- iv) The last date of receiving application: **4TH June 2023**
- v) Rejection of Application: Incomplete application and application received after due date will be rejected/not considered
- vi) Those who successfully complete the course and clear the examination thereafter will be awarded with the certificate.

Course Coordinator

Head of the Department

Principal

PRINCIPAL IN CHARGE
PAZHASSIRAJA COLLEGE
PULPALLY - 673579



P G Department of Commerce

PAZHASSIRAJA COLLEGE

Pulpally, Wayanad, Kerala

(Affiliated to University of Calicut and Managed by Catholic Diocese of Bathery)

NAAC accredited with 'A+ grade' www.pazhassrajacollege.ac.in

From

Mrs Vinaya K P
Assistant Professor and HOD
Department of Commerce

To

The Principal
Pazhassiraja College

Sir,

Sub: Commencement of Certificate course by the Department of Commerce


We are planning to conduct a certificate course in Management of Indian Tourism products from 5TH JUNE to 30TH SEPTEMBER 2023. The course is designed for the students of BBA. The total contact hours will be 30 and maximum intake will be limited to 50. The course is intended to cover the tourism products management. We are targeting students from Department of Commerce for this programme.

I request you to permit the department to conduct the above said course and also request your kind support for the successful completion. The details are attached for your kind reference and perusal.

Thanking You.

Sincerely,

Department of Commerce
Pazhassiraja College, Pulpally.
Certificate courses in Management of Indian Tourism Products
Students List 2023-2024


P. VINAYA K. P.
PAZHASSIRAJA COLLEGE
PULPALLY - 673679



Sl. No.	Reg. No.	Name
1	PZAVBBAR01	AISWARYA PRADEEP
2	PZAVBBAR02	AMRUTHA P S
3	PZAVBBAR03	BHAVYALAKSHMI P
4	PZAVBBAR04	GAYATHIRI S
5	PZAVBBAR05	JILNA THOMAS
6	PZAVBBAR06	SANDRIYA ANN JIBY
7	PZAVBBAR07	VISMAYA M
8	PZAVBBAR08	JINU K T
9	PZAVBBAR09	LENIN K E
10	PZAVBBAR10	MANUJITH I R
11	PZAVBBAR11	NANDHU GIRILAL
12	PZAVBBAR12	SALMANUL FARIZ
13	PZAVBBAR13	ADHILA SHERIN
14	PZAVBBAR14	ADITHYA V U
15	PZAVBBAR15	ALAKANANDA
16	PZAVBBAR17	ANJANA BIJU
17	PZAVBBAR18	APARNA THOMAS
18	PZAVBBAR19	ARYA M
19	PZAVBBAR20	EMIL SHABU
20	PZAVBBAR21	GOPIKA KANNAN
21	PZAVBBAR22	LENA K ELDHO
22	PZAVBBAR23	MANYA VIJAYAN
23	PZAVBBAR24	NIMISHA K M
24	PZAVBBAR25	RHIYA ROSE JOY
25	PZAVBBAR26	RINSHA FATHIMA
26	PZAVBBAR27	SIVANANDANA A S
27	PZAVBBAR28	SREETHU PRABHAKARAN
28	PZAVBBAR29	VARSHA M K
29	PZAVBBAR30	ABHINASH RAJ
30	PZAVBBAR31	ABHIRAM M C
31	PZAVBBAR32	ALBIN P S
32	PZAVBBAR33	ASHMIL AHAMMED
33	PZAVBBAR34	ASWIN K R
34	PZAVBBAR35	BASIL JINSON
35	PZAVBBAR36	DENIL SABU
36	PZAVBBAR37	EBIN ELDHO
37	PZAVBBAR38	IBIN ROSH
38	PZAVBBAR39	MUHAMMED AJNAS
39	PZAVBBAR40	MUHAMMED FAYIS
40	PZAVBBAR41	NISHCHITH K G
41	PZAVBBAR42	TELVIN ROY
42	PZAVBBAR43	VISHNU RAJAN

PAZHASSIRAJA COLLEGE, PULPALLY
CERTIFICATE COURSE June- 2023
Certificate courses

CONSTITUTION OF THE BOARD OF STUDIES

Board of Studies: Board of Studies shall consist of the following members:

- a) The Chairperson of the Board of Studies who shall be appointed by the Principal from among the teachers in the Commerce
- b) All other teachers in the department of Commerce.
- c) Experts of the subject concerned from outside the University/College to be appointed by the Principal.

FUNCTIONS OF THE BOARDS OF STUDIES: The following shall be the functions of the Boards of Studies:

- a) To frame and revise as frequently as necessary the syllabus of the subject concerned shall be the main function of the Board of Studies.
- b) To recommend to the rules, regulations and minimum qualifications required for admission into subject/course concerned.
- c) To prepare/revise panels of paper setters and examiners for valuation.
- d) To prepare model question papers for the subject concerned as and when there is a revision of syllabus.

Board of Studies Members

Sl. No	Name	Designation
1	Mrs . Vimya K P	Assistant Professor & Head
2	Mr.Koshy C J	Assistant Professor
3	Dr.Niranjana C	Expert- ZMG College,Calicut
4	Mr. Swafun Sebastian	Assistant Professor
5	Mrs.Renju Thomas	Assistant Professor

PAZHASSIRAJA COLLEGE
PULPALLY - 673579

Minutes of the Board of Studies for certificate course held on 01-06-2023 at the Department of Commerce

Agenda

1. To approve the request for a new certificate course in the department
2. Approval of the syllabus submitted by the coordinator
3. Finalization of the schedule of the course to be conducted
4. Format of the examination

Decisions taken

1. Decided to conduct a certificate course with title **Management of Indian Tourism Products (BBACC23)**
2. The syllabus submitted by the coordinator **Mrs.Vimya K P** comprising of 5 modules which needs 30 contact hours is approved.
3. It has been decided to collect the duly filled application forms before 4-06-2023
4. It has been decided to commence the classes from 5th June 2023 and planning to complete the syllabus by 30th September and conduct an examination on 5th October 2023.
5. It has been decided to publish the results by 8th October 2023.

Members present

1. Mrs.Vimya K P
2. Mr.Koshy C J
3. Mr.Swarun Sebastian
4. Mrs.Renju Thomas

**Department of Commerce
Pazhassiraja College, Pulpally.**

Certificate course – 2023-2024

BBACC23: - CERTIFICATE COURSE IN MANAGEMENT OF INDIAN TOURISM PRODUCTS.

Time: 2 and Half hrs.

Max Marks: 80

Section 1: Answer all the questions.

1. Define Tourism products?
2. What is Adventure tourism?
3. What is Religious Circuits?
4. What is Heritage Circuits?
5. What is Eco tourism?
6. What is Golf tourism?
7. What is rural tourism?
8. What is virtual tourism?
9. What is medical tourism?
10. What is Ayurvedic tourism?

2x10=20 Marks

Section 2: Short answer questions. Answer 5 any questions each carries 6 marks.

11. Briefly write rural tourism development aims?
12. What do you mean MICE tourism?
13. Provide three examples of how rural tourism can contribute to economic development?
14. Explain the tourism attractions in the central Himalaya?
15. Outline the popular beaches of south India with their attractions?
16. Highlight sikh pilgrimage in India?

5x6=30Marks

Section C: Long answer questions. Answer any 2 questions.

17. Write an essay on mountain tourism activities, also explain the places where such activities are popular?
18. How sustainable tourism differ from eco-tourism?
19. explain the factors responsible for new and emerging types of tourism?
20. What is cultural tourism? Write a brief note on the vedic culture of India?

2x15=30 Marks



PRINCIPAL IN-CHARGE
PAZHASSIRAJA COLLEGE
PULPALLY - 673573

PAZHASSIRAJA COLLEGE, PULPALLY

CERTIFICATE COURSE IN TAXATION

Objective of the Course:

A certificate course in taxation will open multiple opportunities for people who desire to become tax consultant, tax practitioner, tax analyst or tax advisor. Students will get in-depth knowledge of the Indian taxation system, computation of taxation in companies, Invoicing, online registration for PAN, and online payment of Interest & Penalty. This course offers practical taxation training on E filling of Income tax Return, TDS Return,

Learning Outcome:

The post graduate students may apply to become a Tax consultant, Tax Accountant, Tax Analyst, Tax Advisor.

Duration of course: 6 Months

Eligibility: Any student enrolled in post graduate program of college

INSTRUCTIONAL DESIGN

PROGRAMME STRUCTURE

CODE	COURSE TITLE	CREDIT
MCM CCI	BASICS OF INCOME TAX OPERATION	6
	TOTAL	6

PRINCIPAL IN-CHARGE
PAZHASSIRAJA COLLEGE
PULPALLY - 673579

MCM CC-I BASICS OF INCOME TAX OPERATION

Max. Marks: 100
External: 70
Internal: 30
Credits: 6

INSTRUCTIONS FOR THE PAPER SETTER/EXAMINER:

1. The syllabus prescribed should be strictly adhered to.
2. The question paper will consist of three sections: A, B, and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. The candidates will attempt two questions from each section.
3. Section C will have fifteen short answer questions covering the entire syllabus. Each question will carry 3 marks. Candidates will attempt any ten questions from this section.
4. The examiner shall give a clear instruction to the candidates to attempt questions only at one place and only once. Second or subsequent attempts, unless the earlier ones have been crossed out, shall not be evaluated.
5. The duration of each paper will be three hours.

INSTRUCTIONS FOR THE CANDIDATES:

Candidates are required to attempt any two questions each from the sections A and B of the question paper and any ten short questions from Section C. They have to attempt questions only at one place and only once. Second or subsequent attempts, unless the earlier ones have been crossed out, shall not be evaluated.

SECTION A

Introduction of Income Tax, Computation of income from five heads: Salary, House property, Business Profession, Capital Gains, Income from other Resources.

SECTION B



PRINCIPAL
PALAHASSI
PALAHASSI COLLEGE
PALAHASSI - 673079

Deductions from Gross Total Income, Set Off & Carry Forward of Losses, Penalties & Prosecution.

- Computation and E Filing of ITR

Administration of income tax , income tax authorities.

Recommended Books:

- Singhania, Vinod K. and Monica Singhania, Students' Guide to Income Tax, University Edition, Taxmann Publications Pvt. Ltd., New Delhi.
- Ahuja, Girish and Ravi Gupta, Systematic Approach to Income Tax, Bharat Law House, Delhi.
- Mehrotra H.C., Income Tax Law and Accounts, Sahatya Bhawan Academy , Agra

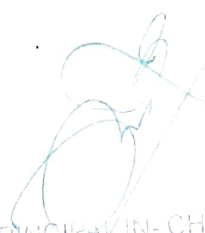
Websites:

<https://www.incometax.gov.in>

www.incometaxindiaefiling.gov.in/

<https://cleartax.in>

www.taxguru.com


PRINCIPAL IN-CHARGE
PAZHASSIRAJA COLLEGE
PULPALLY - 673579

CERTIFICATE COURSE IN TAXATION
MCM CC-1 BASICS OF INCOME TAX OPERATION

MCOM (2023-24)

List of students enrolled

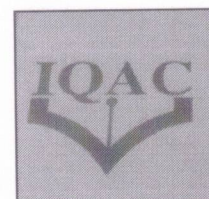
SL.NO.	UNIVERSITY REG. NO.	NAME OF STUDENT
1.	PZAWMCM001	ABHIRAMI M
2.	PZAWMCM002	AKSHAYA MANOJ
3.	PZAWMCM003	ALEENA MATHAI
4.	PZAWMCM004	AMAYA O K
5.	PZAWMCM005	AMRUTHA KURIAKOSE
6.	PZAWMCM006	ANJANA K
7.	PZAWMCM007	ANJANA SAJANAN
8.	PZAWMCM008	ANJU REVEENDRAN
9.	PZAWMCM009	ATHIRA A R
10.	PZAWMCM010	MEGHA K NAIR
11.	PZAWMCM011	NANDHANA P K
12.	PZAWMCM012	RANJUSHA P
13.	PZAWMCM013	SANA FIROSHA
14.	PZAWMCM014	SHIHANA N T
15.	PZAWMCM015	SHINCY MARIA K S
16.	PZAWMCM016	ABHIRAM T S



PRINCIPAL IN-CHARGE
PAZHASSIRAJA COLLEGE
DULPALLY - 673579



Pazhassiraja College, Pulpally, Wayanad
NAAC re-accredited by A+ grade.
Department of Biochemistry
biochemistryt@prc.ac.in



Report on Certificate course conducted by the Department of Biochemistry for UG students.

Course Details:

- Title: Certificate Course in Nanotechnology
- Department: Biochemistry
- Duration: August 1st to October 31st
- Intake: 15 students
- Course Coordinator: Jessin George

Course Overview:

The Department of Biochemistry offered a 3-month certificate course in nanotechnology from August 1st to October 31st. The course provided an in-depth exploration of the principles, applications, and emerging trends in the field of nanotechnology.

Course Content:

The course curriculum covered the following key areas:

- Introduction to Nanoscience and Nanotechnology
- Overview of Nanomaterial characterization techniques
- Nanomaterials and Properties

Outcomes:

Upon successful completion of the course, the 15 enrolled students were awarded a certificate in Nanotechnology from the Department of Biochemistry. The course equipped the participants with both theoretical knowledge and practical skills in the field, preparing them for potential career opportunities in nanotechnology-related industries and research domains.

Dept of Biochemistry
Pazhassiraja College
Pulpally-Wayanad







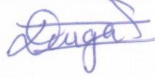
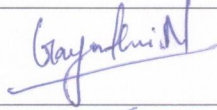
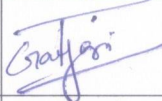



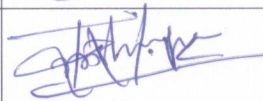
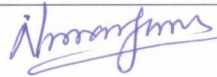



Conclusion:

The certificate course in nanotechnology offered by the Department of Biochemistry was well-received by the students and provided them with a valuable learning experience. The course's focus on both the fundamentals and applications of nanotechnology has equipped the participants with the necessary knowledge and skills to explore this rapidly evolving field.

Enrolled list of students

Sl. Number	Name of the students
1	Ajona Jiji
2	Akhila Devassia
3	Aneena Shaju
4	Archana P S
5	Durga T
6	Gayathri N
7	Gayathri S. Ramesh
8	Krupa Mariya Jestus
9	Adhithya K
10	Gayathri M
11	Krishnaja V K
12	Niranjana P S
13	Sandhra Sajesh
14	Muhammed Shanil
15	Asmina Fathima

List of students with Signature

Sl. Number	Name of the students	Signature
1	Ajona Jiji	
2	Akhila Devassia	
3	Aneena Shaju	
4	Archana P S	
5	Durga T	
6	Gayathri N	
7	Gayathri S. Ramesh	
8	Krupa Mariya Jestus	
9	Adhithya K	
10	Gayathri M	
11	Krishnaja V K	
12	Niranjana P S	
13	Sandhra Sajesh	
14	Muhammed Shanil	
15	Asmina Fathima	



Syllabus

PAZHASSIRAJA COLLEGE, PULPALLY DEPARTMENT OF BIOCHEMISTRY

PRBC -BN 23-24: CERTIFICATE COURSE IN BASICS IN NANOTECHNOLOGY

Course objectives:

To make the students acquainted with the role of nanoscience played in every walks of life. This course introduces various aspects of nanotechnology and its wide range of applications. The course can educate the students synthesis of nanomaterials and their applications in chemical, biological, physical and electrochemical applications works. It also gives insights into different types of nanomaterial also.

Contact Hours-30

Course Outline:

Module I

Introduction to nanotechnology: This course introduces students to the field of Nanotechnology and Science and Technology. This includes nanofabrication technology (how one achieves nanometre length scale, from "bottom up" to "top down" technologies), the interdisciplinary nature of nanotechnology and nanoscience (including areas of chemistry, material science, physics, and molecular biology) (10 hrs)

Module II

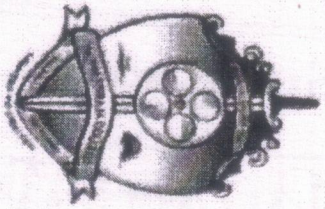
Overview of Nanomaterial characterization techniques: Principles, instrumentation, design and application of UV, visible and IR spectroscopy, X-ray diffraction, SEM and TEM analysis. Thermal analysis including DTA, DSC and TGA (10 hrs)

Module III

Nanomaterials and properties: Carbon nanotubes, Types of nanocrystals (1D), (2D), (3D) nanostructured materials, Quantum dots, Quantum wires, and Quantum shells, Metals and Metal Oxides (Au, Ag, TiO₂, ZnO) (10 hrs)



No. 20161



PAZHASSIRAJA COLLEGE

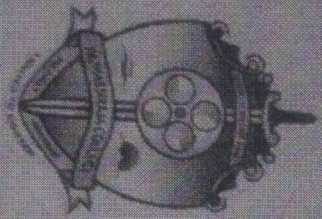
Pulpally, Wayand-673579
Re-Accredited by NAAC with 'A+' Grade (Affiliated to University of Calicut)

CERTIFICATE

This is to certify that Ms./~~Mr.~~ LEKSHMI AJA V. R
has successfully completed the Certificate /Diploma course in
BASICS IN NANOTECHNOLOGY
conducted by the DEPARTMENT OF BIOCHEMISTRY
in the year 2023- 2024

J A
Course Coordinator

[Signature]
Principal



PAZHASSIRAJA COLLEGE

Pulpally, Wayand-673579

Re-Accredited by NAAC with 'A+' Grade (Affiliated to University of Calicut)

No. 20164

CERTIFICATE

This is to certify that Ms. / ~~Mr.~~ KRUPA MARIYA JESTUS
has successfully completed the Certificate / Diploma course in
BASICS IN NANOTECHNOLOGY
conducted by the DEPARTMENT OF BIOCHEMISTRY
in the year 2023 - 2024

J/A
Course Coordinator

[Signature]
Principal



DEPARTMENT OF ECONOMICS

PAZHASSIRAJA COLLEGE PULPALLY

Wayanad District, Kerala, 673579

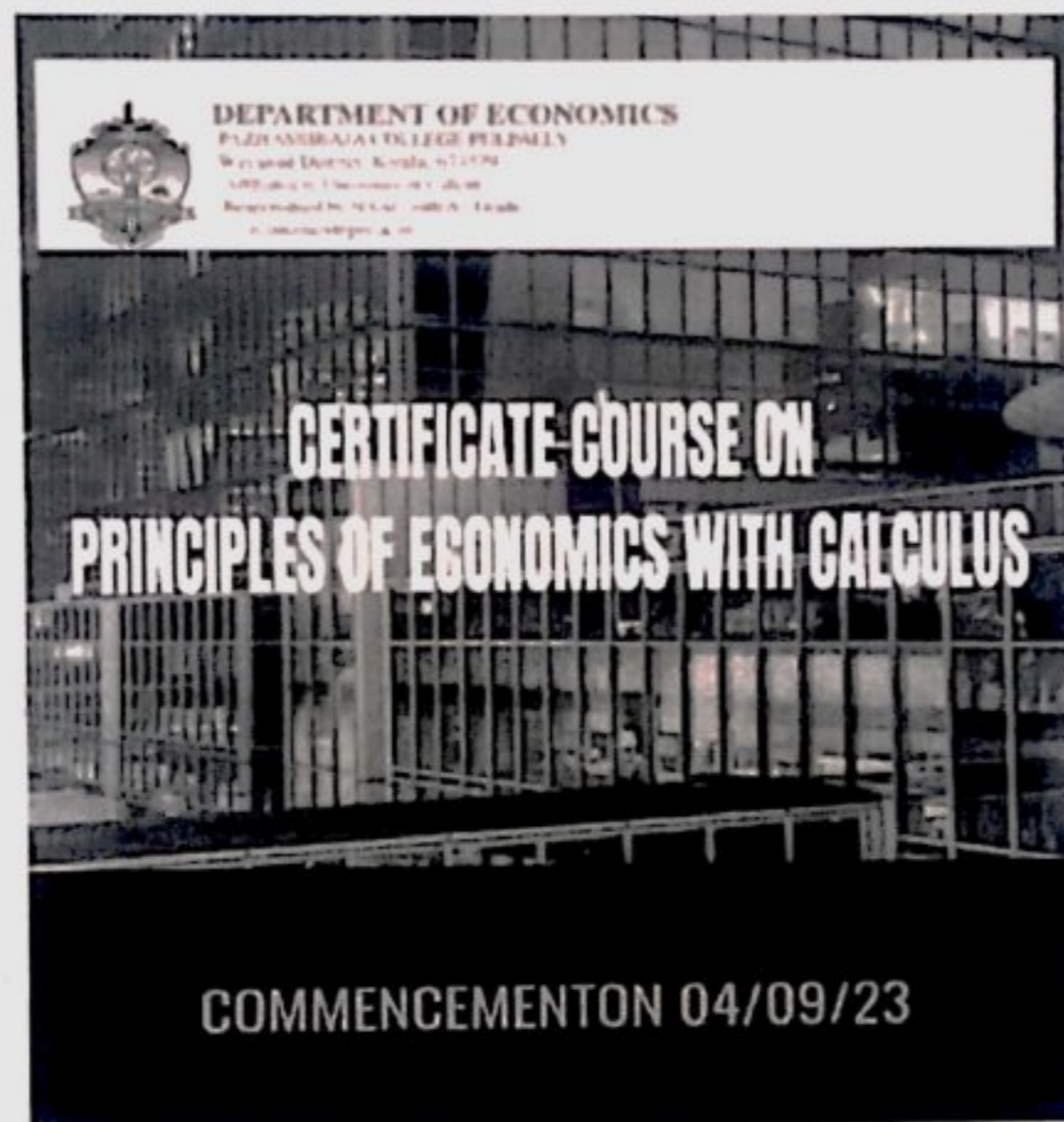
Affiliated to University of Calicut

Reaccredited by NAAC with A+ Grade

✉ economics@pre.ac.in

SUMMARY REPORT OF CERTIFICATE COURSE 2023-2024 PRINCIPLES OF ECONOMICS WITH CALCULUS

Introduction: The Principles of Economics with Calculus certificate course is designed to provide students with a deep understanding of economic theories and principles, complemented by the application of calculus to solve economic problems. This course equips participants with both theoretical knowledge and practical skills necessary to analyze and interpret economic data using calculus-based methods. This report provides a comprehensive overview of the course content, learning outcomes, number of participants, duration of the course, course delivery, and participant feedback.



Course Content:

1. Introduction to Microeconomics and Macroeconomics:

Overview of fundamental economic concepts including supply and demand, market equilibrium, elasticity, consumer behaviour, production, and costs, along with an introduction to national income, inflation, unemployment, and fiscal policy.

2. Calculus in Economics:

Application of differential and integral calculus to analyze marginal concepts, optimize economic functions, and understand dynamics in economic models. Topics include differentiation of functions, optimization techniques, and integration applied to consumer and producer surplus.

3. Economic Modeling and Analysis:

Developing and interpreting economic models using calculus. Topics include constrained optimization using Lagrange multipliers, cost functions, and utility maximization

4. Ethical and Practical Considerations in Economic Analysis:

Discussion on the ethical implications of economic decision-making, issues related to income distribution, welfare economics, and the impact of public policy on economic welfare.

5. Applications:

Practical sessions on solving real-world economic problems using calculus, including cost-benefit analysis, growth models, and market analysis.

Learning Outcomes:

1. Understand and apply the principles of microeconomics and macroeconomics.
2. Utilize calculus to solve and optimize economic problems.
3. Develop and analyze economic models using mathematical tools.
4. Evaluate ethical considerations in economic decision-making.
5. Apply theoretical knowledge to real-world economic scenarios

Participants:

The course was offered to the students of the economics department, specifically aimed at those in their fourth semester. A total of 30 students enrolled in the course, and all of them successfully completed the course.

Duration of the Course:

The course commenced on 04/09/23 and concluded on 20/12/23. The total duration of the course was 30 hours.

Course Delivery:

The course was delivered in physical sessions were held at Pazhassirajacollege. The course was led by Dr. Merin. S. Thadathil, Assistant Professor in Economics.

Participant Feedback:

Participants found the course highly informative and practical. Key feedback included: Appreciation for the integration of calculus in economic analysis. Interest in more advanced applications of calculus in economic Modeling.

Conclusion:

The certificate course on Principles of Economics with Calculus has successfully equipped participants with the necessary skills to integrate calculus with economic analysis. Continued updates and enhancements to the course content will ensure that participants remain adept at tackling complex economic problems with mathematical precision.

CERTIFICATE COURSE IN PRINCIPLES OF ECONOMICS WITH CALCULUS

(COURSE STRUCTURE & SYLLABUS)

PAZHASSIRAJA COLLEGE

Pulpally, Wayanad

Kerala

(Affiliated to the University of Calicut)

NAAC accredited with 'A+' grade

E-Mail: pazhassirajacollege@gmail.com

Web site: www.prc.ac.

CERTIFICATE COURSE IN PRINCIPLES OF ECONOMICS WITH CALCULUS

COURSE CODE	ECO24C101
TITLE OF THE COURSE	PRINCIPLES OF ECONOMICS WITH CALCULUS
SEMESTER	4
NO. OF CONTACT HOURS	30

Introduction:

The Principles of Economics with Calculus certificate course is designed to bridge economic theory with practical mathematical tools. In this course, students explore key economic principles and learn to apply differential and integral calculus to analyze and solve economic problems. This course aims to enhance students' analytical capabilities, enabling them to understand complex economic models and optimize decision-making processes in various economic scenarios.

Objectives:

- 1. Understand Core Economic Principles:** Gain a foundational understanding of microeconomic and macroeconomic concepts, including market dynamics, consumer behaviour, production, and economic policy analysis.
- 2. Master Calculus Applications in Economics:** Learn to effectively apply calculus concepts such as differentiation, optimization, and integration to solve economic problems, analyze trends, and interpret economic data.

3. **Develop and Analyse Economic Models:** Explore how to construct and analyze economic models using calculus. Topics include constrained optimization, cost functions, and utility maximization, enabling students to predict outcomes and propose economic strategies.

4. **Ethical Considerations in Economic Analysis:** Understand the ethical implications and considerations when applying economic theories and mathematical models, addressing issues such as income distribution, welfare economics, and the impact of policy decisions on society.

Key Learning Outcomes:

By the end of the course, students will be able to:

1. Understand and apply the principles of microeconomics and macroeconomics.
2. Utilize calculus to analyze and optimize economic functions.
3. Develop and critically evaluate economic models using mathematical tools.
4. Assess ethical considerations in economic analysis and decision-making.

Assessment:

Student performance will be assessed based on their understanding of economic principles and the application of calculus in economic problem-solving. Assessments will include examinations and assignments that challenge students to develop and analyze economic models, as well as address ethical considerations in economics.

SYLLABUS

PRINCIPLES OF ECONOMICS WITH CALCULUS

Module I: Introduction to Economics and Calculus: Basic economic concepts, supply and demand, review of derivatives and integration. Consumer Theory Topics: Utility maximization, budget constraints, demand functions Calculus Applications: Lagrange multipliers, partial derivatives.

Module II: Producer Theory: Production functions, cost minimization, profit maximization Calculus Applications: Marginal cost, marginal revenue, optimization Market Equilibrium: Supply and demand equilibrium, comparative statics Calculus Applications: Solving for equilibrium using calculus.


Module III: Elasticity and Welfare Economics: Price elasticity, consumer surplus, producer surplus, deadweight loss Calculus Applications: Derivatives, integration Monopoly and Oligopoly Topics: Market power, price discrimination, game theory in economics Calculus Applications: Optimization, reaction functions

Module IV Externalities and Public Goods Topics: Social costs and benefits, public goods provision Calculus Applications: Optimal provision conditions, externalities correction IS-LM model, fiscal and monetary policy analysis Calculus Applications: Differential equations, dynamic analysis Constrained optimization, second-order conditions.

List of Students Enrolled for Certificate Course 2023-2024

Sl no	Regno	Name
1	PZAXAECR01	ARCHANA P U
2	PZAXAECR02	NAYANA M V
3	PZAXAECR03	NAYANA RAJ
4	PZAXAECR04	SAHARBAN
5	PZAXAECR05	MUHAMMED SHAMIL
6	PZAXAECR06	RISHINLAL N K
7	PZAXAECR07	ABITHA A N
8	PZAXAECR08	ADITHYA .P
9	PZAXAECR09	ANUSREE K P
10	PZAXAECR10	ASHITHA T S
11	PZAXAECR11	ASHMILA THESNI
12	PZAXAECR12	ATHILA SHERIN
13	PZAXAECR13	DEVANANDA M P
14	PZAXAECR14	FATHIMA NEHLA
15	PZAXAECR15	FATHIMATHUL FARSEENA


The Head
Department of Economics
Pazhassiraja College
Pulpally, Pin 673579


PRINCIPAL IN CHARGE
PAZHASSIRAJA COLLEGE
PULPALLY - 673579

Pupils Attendance Register of Pazhassiraja college.....Pulpalay.....Scho

Admission No.	Sl. No.	NAMES	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
			1/9/22	2/9/22	3/9/22	4/9/22	5/9/22	6/9/22	7/9/22	8/9/22	9/9/22	10/9/22	11/9/22	12/9/22	13/9/22	14/9/22	15/9/22	16/9/22	17/9/22	18/9/22
	1	Archana P U	x	x	a	x	x	x	x	x	x	x	x	a	x	a	x	x	x	x
	2	Nayana M V	x	x	x	x	x	a	x	x	x	x	x	x	x	a	x	x	a	x
	3	Nayana Raj	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	4	SA Harban	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	a
	5	Muhammed Shamil	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	6	Rishinlal N K	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	7	Abitha A N	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	a	x
	8	Adithya P	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x
	9	Anusree K P	x	x	a	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x
	10	Ashitha T S	a	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	11	Ashmila Mesri	x	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	a
	12	Akhila Sherin	x	a	x	x	x	x	x	x	x	a	x	x	a	x	x	x	a	x
	13	Devanadda MP	x	x	x	x	x	x	x	a	x	x	a	x	x	a	x	x	x	x
	14	Fathima Nehla	x	x	x	x	x	a	x	x	x	x	a	x	x	x	x	x	x	x
	15	Fathimathul Farseeena	x	x	x	x	x	a	x	x	x	x	a	x	x	x	x	x	x	x

The Head
Department of Economics
Pazhassiraja College
Pulpalay, Pin 612329

Scheduled Caste	B	G	T	Daily Attendance	FN
					AN
Scheduled Tribe				% of daily attendance	
OBC				Initial of Class Teacher	FN
Muslim					AN
Others					
Total					

No. on Roll at the beginning of the month:..... No. Admitted No. Left.....

Number: EC024C101.....

Pazhassiraja College

Pulpally, Wayanad-673579

NAAC Accredited with 'A+' Grade
(Affiliated to University of Calicut)



CERTIFICATE

This is to certify that Ms/Mr. ARCHANA P.V......
has successfully completed the certificate course in
PRINCIPLES OF ECONOMICS WITH CALCULUS conducted by the
DEPARTMENT OF ECONOMICS.....
in the year 2023 - 2024



**PAZHASSIRAJA COLLEGE, PULPALLY, WAYANAD
DEPARTMENT OF VOCATIONAL STUDIES (FOOD SCIENCE)**

From

Lijo Joy

Head of the Department

B. Voc Food Science

To

The principal

Pazhassiraja college

Sir,

Sub: Commencement of certificate course by the Department of B.Voc Science

We are planning to conduct a certificate course in Food Safety Management System. The total contact hours will be 35hrs. The course is intended to cover the basic knowledge on Food Safety and its implementation in industries.

I humbly request you to permit the department to conduct the above said course and also request your kind support for the successful completion.

The detailed syllabus and further details are attached for your kind attention.

Thanking You

Assistant Professor & Head
Department of Vocational Studies (Food Science)
Pazhassiraja College - Pulpally
Wayanad- 673579



PAZHASSIRAJA COLLEGE, PULPALLY

DEPARTMENT OF VOCATIONAL STUDIES—BVOC FOOD SCIENCE

SYLLABUS OF CERTIFICATE COURSE

FOOD SAFETY AND MANAGEMENT SYSTEM (PRC-BFS-01-23)

TOTAL HOURS: 30
PRC-BFS-01

COURSE CODE:

YEAR: 2023

CREDIT:4

TOTAL MARKS:(External 80+ Internal 20)=100

COURSE OUTCOME:

- To understand about the basics of food safety.
- Scope and future trends in food industries.
- New product development and its safety management.
- Food safety tools and principles.

SYLLABUS

MODULE 1 :

Basic concepts of food Safety: :(10 HRS)

Food safety/Food chain/Food safety hazard/Food safety policy/End product

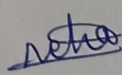
MODULE: 2

Common food safety management system requirements (10 hrs)

Pre-requisite programmes (PRPs)/PRPs are codes of good practice that comprise the fundamental principles, GMP ,GHP.

MODULE: 3 (10 hrs)

Food safety system certification 22000--- introduction and audit requirements.


Assistant Professor & Head
Department of Vocational Studies (Food Science)
Pazhassiraja College - Pulpally
Wayanad- 673579

PRINCIPAL IN CHARGE
PAZHASSIRAJA COLLEGE
PULPALLY, WAYANAD-673579



No. _____

PAZHASSIRAJA COLLEGE

Pulpally, Wayand-673579

NAAC Accredited with 'B' Grade (Affiliated to University of Calicut)

CERTIFICATE

This is to certify that Ms/Mr. LAMIYA P.T.
has successfully completed the certificate/Diploma course in
Food Safety Management System (FSMS)
conducted by the Dept. of vocational studies (Food Science)
in the year 2023- 2024

Lijo Joy

Lijo
Course Coordinator
Assistant Professor & Head
Dept. of Vocational Studies (Food Science)
Pazhassiraja College - Pulpally
Wayanad - 673579

[Signature]
Principal

**PAZHASSIRAJA COLLEGE
DEPARTMENT OF HISTORY**

**Certificate Course
in
Environmental Studies**

2023-24

From

Dr. Joshy Mathew

Head of the Department

Department of History

Pazhassiraja College

To,

The Principal,

Pazhassiraja College

Pulpally, Wayanad

Subject: Permission to Start Certificate Course in Environmental Studies (HISCC01/2023)

Respected Sir,

I am writing to seek your permission to initiate a Certificate Course in Environmental Studies (HISCC01/2023) at our institution. This course is scheduled to commence on the 10th of August, 2023, and conclude on the 20th of October, 2023. The course will be led by Dr. Rani S. Pillai, a highly esteemed faculty member with extensive expertise in Environmental Studies.

Course Overview:

The Certificate Course in Environmental Studies aims to provide students with a comprehensive understanding of critical environmental issues, the importance of biodiversity, sustainable development practices, and the impact of environmental policies. The course is structured to include interactive sessions, field trips, workshops, and project-based learning, ensuring an engaging and practical educational experience.

Objectives:

To equip students with foundational knowledge about environmental science and sustainability.

To foster awareness and understanding of ecological balance and biodiversity.

HISCC01/2023 – Certificate Course in Environmental Studies

Course Outline and Objectives

- I. **Introduction to Environmental Studies-** Definition and scope- Importance of environmental studies
- II. **Ecosystems-** Types of ecosystems-Structure and function of an ecosystem- Food chains, food webs, and ecological pyramids
- III. **Natural Resources-** Renewable and non-renewable resources, Conservation of natural resources
- IV. **Biodiversity and Conservation-** Levels of biodiversity, Importance and threats to biodiversity, Conservation strategies
- V. **Environmental Pollution-** Types of pollution: air, water, soil, and noise pollution, Causes, effects, and control measures
- VI. **Environmental Policies and Legislation-** Key environmental laws and policies, International environmental conventions and agreements
- VII. **Sustainable Development-** Principles of sustainable development, Sustainable development goals (SDGs)
- VIII. **Climate Change-** Causes and effects of climate change, Mitigation and adaptation strategies
- IX. **Environmental Ethics and Education-** Environmental ethics principles, Role of education in environmental protection

Schedule and Timetable

- Weeks 1-2: Introduction and Ecosystems- Overview, definitions, importance- Ecosystem structure and functions
- Weeks 3-4: Natural Resources- Detailed study of various resources- Conservation methods
- Weeks 5-6: Biodiversity and Conservation- Biodiversity levels and threats, Conservation methods
- Weeks 7-8: Environmental Pollution- In-depth analysis of different types of pollution, Control measures
- Weeks 9-10: Environmental Policies and Sustainable Development- Study of key environmental laws, Sustainable development principles
- Weeks 11-12: Climate Change and Environmental Ethics- Climate change issues and solutions, Importance of ethics and education

To educate students on environmental policies and their global impact.

To encourage practical application through projects, field trips, and workshops.

Key Details:

Duration: 10th August 2023 - 20th October 2023

Faculty in Charge: Dr. Rani S. Pillai

Modules: Introduction to Environmental Studies, Ecosystems, Natural Resources, Biodiversity and Conservation, Environmental Pollution, Environmental Policies and Legislation, Sustainable Development, Climate Change, and Environmental Ethics and Education.

Assessment: Weekly quizzes, mid-term assignment, final project/ viva, and written Test.
Benefits:


This course will significantly benefit our students by:

1. Enhancing their knowledge of environmental issues and sustainability.
2. Providing practical experience through interactive sessions and field trips.
3. Preparing them for future academic and career opportunities in environmental fields.
4. Given the growing importance of environmental education, I believe that this course will add substantial value to our curriculum and will be highly beneficial for our students.

I kindly request your approval to start this course. Please find attached a detailed course outline and schedule for your reference. I am available at your convenience to discuss this proposal further and address any questions or concerns you may have.

Thank you for considering this request. I look forward to your positive response.

Yours sincerely,



Dr. Joshy Mathew
Head of the Department
of History
Pazhassiraja College, Pulpally
Wayanad- Pin:673579- Kerala



Attachments:

Detailed Course Outline




PRINCIPAL IN-CHARGE
PAZHASSIRAJA COLLEGE
PULPALLY - 673579

HISCC01/2023 – Certificate Course in Environmental Studies

Course Completion Report

Course Duration: 10th August 2023 - 20th October 2023

Faculty in Charge: Dr. Rani S. Pillai

Number of Students Enrolled: 38

1. Overview

The Certificate Course in Environmental Studies (HISCC01/2023) was conducted from August 10, 2023, to October 20, 2023, under the leadership of Dr. Rani S. Pillai. The course aimed to provide students with a thorough understanding of environmental issues, conservation strategies, and sustainable practices.

2. Course Structure and Content

Modules Covered:

1. Introduction to Environmental Studies
2. Ecosystems
3. Natural Resources
4. Biodiversity and Conservation
5. Environmental Pollution
6. Environmental Policies and Legislation
7. Sustainable Development
8. Climate Change
9. Environmental Ethics and Education

Schedule:

- Weeks 1-2: Introduction and Ecosystems
- Weeks 3-4: Natural Resources
- Weeks 5-6: Biodiversity and Conservation
- Weeks 7-8: Environmental Pollution
- Weeks 9-10: Environmental Policies and Sustainable Development
- Weeks 11-12: Climate Change and Environmental Ethics

Course Materials

Textbooks and Readings:

- "Environmental Studies: From Crisis to Cure" by R. Rajagopalan
- "Principles of Environmental Science" by Cunningham and Cunningham
- "Living in the Environment" by G. Tyler Miller

Articles and Journals:

- Journal of Environmental Management
- Environmental Science and Policy
- Environmental Research Letters

Online Resources:

- UNEP (United Nations Environment Programme) website
- NASA Climate Change resource center
- EPA (Environmental Protection Agency) website

Assignments and Assessments

- **Weekly Quizzes:** Short quizzes to test understanding of weekly topics
- **Mid-term Assignment-** A detailed report on a chosen environmental issue/ **A comprehensive project on an environmental case study or a proposed solution to an environmental problem**
- **Participation:** Active participation in class discussions and online forums

Interactive Activities

- **Field Trips:** Visits to local ecosystems, conservation areas, and waste management facilities
- **Guest lectures from environmental experts/ Workshops on sustainable practices and conservation methods**
- **Group Discussions and Debates:** Topics on current environmental issues and policies

Evaluation Criteria

- **Quizzes and Assignments:** 30% of the final grade
- **Mid-term Assignment:** 20% of the final grade
- **Final Project/ VIVA:** 30% of the final grade
- **Participation and Attendance:** 20% of the final grade

3. Student Participation and Performance

Enrollment and Attendance:

- Total Enrolled: 38
- Average Attendance: 95%
- Completion Rate: 100%

Academic Performance:

- Quizzes: Average score of 85%
- Mid-term Assignment: Average score of 88%
- Final Project: Average score of 90%
- Overall Grades:
 - A (90-100%): 12 students
 - B (80-89%): 18 students
 - C (70-79%): 8 students

Highlights of Student Projects:

- Topics included local environmental issues, global environmental challenges, waste management, renewable energy solutions, and biodiversity conservation.
- Innovative approaches and solutions were proposed, demonstrating a high level of understanding and creativity.

Student Feedback

Positive Feedback:

- Course Content: 90% of students found the content comprehensive and well-structured.
- Interactive Sessions: 85% of students appreciated the field trips and workshops.
- Faculty: 95% of students rated Dr. Rani S. Pillai's teaching as excellent.

Suggestions for Improvement:

- Additional Resources: Requests for more digital and multimedia resources.
- Time Allocation: Suggestions for more time on certain complex topics.

Recommendations for Future Courses

1. Enhanced Digital Resources: Include more online articles, videos, and interactive digital content.
2. Extended Field Trips: Increase the frequency and duration of field trips for more practical exposure.
3. Guest Lectures: Invite more diverse experts for guest lectures to provide a broader perspective.

4. Online Discussion Forums: Create online forums for continuous engagement and discussion among students.

Conclusion

The HISCC01/2023 Certificate Course in Environmental Studies successfully concluded with all 38 enrolled students completing the course. The course effectively met its objectives of imparting essential environmental knowledge and skills. The high level of student participation and positive feedback are testament to the course's success. Future iterations can build on this foundation with the recommended enhancements to further enrich the learning experience.

Certification

All students who fulfilled the course requirements have been awarded their certificates, recognizing their successful completion of the course.

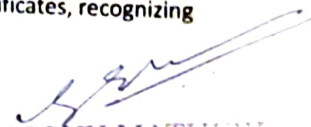
Prepared by:

Lt. Dr. Rani S. Pillai

Course Coordinator

30/10/23




Dr. JOSHY MATHIEW
Head of the Department
of History
Pazhassiraja College, Pulpally
Wayanad- Pin 673579 - Kerala





CERTIFICATE COURSE IN ENVIRONMENTAL ST

LIST OF STUDENTS

SL. NO.	NAME	CLASS	CONTACT NO.
1	Adithya Prasad	5 th Se. BA History	9207155654
2	Lakshmi C. R	..	9746752602
3	Chithra M. P	..	6282889717
4	Fida K. P	..	8848253614
5	Khadeejath Salma	..	7510648706
6	Nandhana Narayanan	..	9074088630
7	Shafna Sharaf	..	
8	Shobika P	..	9645776475
9	Sreesithi P. Rajan	..	8281667416
10	Vismaya K	..	8848499511
11	Abhishek Sebastian	..	8848539594
12	Abhijith C	3 rd Sem. BA History	9778302451
13	Ajmal C	..	
14	Arjun Sankar	..	9778049810
15	Muh. Adhil	5 th Sem BA History	9778305582
16	Anujith K. P	..	6282688301
17	Rajeesh P. R	..	9961576517
18	Sijo P. J	..	7559900857
19	Jishnu Sajeesh	3 rd Sem BA History	9961942103
20	Jishnu C. S	..	
21	Asif Ismayil	1 st Sem. BA History	6238392166
22	Akash M. P	..	9778218843
23	Akash K. M	5 th Sem BA History	9633465314
24	Aaba Fathima	3 rd Sem BA History	9778194912
25	Niya Fathima	1 st Sem BA History	7736549871
26	Dilna B. S	..	7736462864
27	Aswathi V	5 th Sem BA History	7559979958
28	Aswin Vishnu	..	623835580
29	Varsha C. M	3 rd Sem BA History	9072982496
30	Liya Chandran	..	9847756577

31	Amaya K. M	..	7736570741	
32	Anusree C. K	..		
33	Anusree S	..		
34	Nandhana N. P	..		
35	Neethu V. B	..		
36	Pavithra P. U	..	7510900959	
37	Shifana C	..	7012171752	
38	Shamna N	5 th Sem BA History	9562964998	



[Signature]
Dr. JOSHY MATHEW
 Head of the Department
 of History
 Pazhassiraja College, Pulpally
 Wayanad- Pin:673579- Kerala

[Signature]

PRINCIPAL IN-CHARGE
PAZHASSIRAJA COLLEGE
 PULPALLY - 673579



PAZHASSIRAJA COLLEGE, DEPARTMENT OF HISTORY
CERTIFICATE COURSE IN ENVIRONMENTAL STUDIES

2023-24

ATTENDANCE SHEET

Course Coordinator: Lt. (Dr.) Rani S. Pillai

Resource Person: Lt. (Dr.) Rani S. Pillai

Sl.No	Name	15/09/23	17/09/23	18/09/23	20/09/23	21/09/23	22/09/23	23/09/23	25/09/23	26/09/23	27/09/23	28/09/23	29/09/23	30/09/23
1	Adithya Prasad	x	x	x	x	A	x	x	x	A	A	x	x	A
2	Lakshmi C. R	A	x	x	x	x	x	x	A	x	x	x	x	x
3	Chithra M. P	x	A	x	x	x	x	x	x	x	x	x	x	A
4	Fida K. P	x	x	x	x	A	x	x	x	x	x	x	x	x
5	Khadeejath Salma	x	x	A	x	x	x	x	x	x	x	x	x	x
6	Nandhana Narayanan	x	A	x	x	A	x	x	A	x	x	x	A	A
7	Shafna Sharaf	x	x	x	x	x	A	x	x	x	x	A	x	x
8	Shobika P	x	A	x	x	x	x	x	x	x	x	x	A	x
9	Sreesithi P. Rajan	x	x	A	x	A	A	x	x	x	x	x	A	x
10	Vismaya K	x	x	x	A	x	x	x	A	x	x	x	x	x
11	Abhishek Sebastian	x	x	x	x	x	x	x	x	A	x	x	A	x
12	Abhijith C	x	A	x	x	x	A	A	x	x	x	x	x	x
13	Ajmal C	A	x	x	x	A	x	x	x	A	x	x	x	x
14	Arjun Sankar	x	x	x	x	x	x	x	x	x	A	x	x	A
15	Muh. Adhil	x	x	A	x	A	x	x	A	x	x	x	x	x
16	Anujith K. P	x	A	x	x	x	x	x	x	x	x	x	x	x
17	Rajeesh P. R	x	x	x	x	x	x	x	x	A	x	x	A	x
18	Sijo P. J	x	x	x	x	x	x	x	A	x	x	x	x	x
19	Jishnu Sajeesh	x	x	x	x	A	x	x	x	x	x	A	x	x
20	Jishnu C. S	x	x	x	x	A	x	x	x	x	x	x	x	x
21	Asif Ismayil	x	x	x	x	A	x	x	x	A	x	x	x	x
22	Akash M. P	x	x	x	x	x	x	x	x	x	x	A	x	x
23	Akash K. M	A	x	x	x	x	x	x	A	x	x	x	A	x
24	Aaba Fathima	x	x	x	x	x	x	x	x	x	x	x	x	x
25	Niya Fathima	x	x	x	x	x	x	x	x	x	x	x	x	x
26	Dilna B. S	A	x	x	x	A	x	x	x	x	x	x	x	x
27	Aswathi V	x	x	x	x	x	x	x	x	x	x	x	x	x
28	Aswin Vishnu	A	x	x	x	x	x	x	x	x	x	A	x	x

29	Varsha C. M	x	x	A	x	x	A	x	x	x	A	x	x	x	x	x
30	Liya Chandran	x	x	x	A	x	A	x	x	A	x	x	x	x	x	x
31	Amaya K. M	A	x	x	x	A	x	x	x	x	A	x	x	x	x	x
32	Anusree C. K	x	x	x	x	x	x	A	x	x	x	x	x	x	A	x
33	Anusree S	x	x	x	x	x	A	x	x	x	x	x	x	x	x	x
34	Nandhana N. P	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
35	Neethu V. B	x	x	A	x	x	A	x	x	x	x	x	x	x	x	x
36	Pavithra P. U	A	x	A	x	x	A	x	x	A	x	x	x	x	x	x
37	Shifana C	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
38	Shamna N	x	A	x	x	x	A	x	x	x	x	x	x	x	A	x

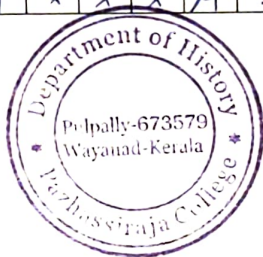


Dr. J. J. MATHAN
 Head of the Department
 of History
 Pazhassiraja College, Pulpally
 Wayanad- Pin:673579- Kerala



PRINCIPAL IN-CHARGE
 PAZHASSIRAJA COLLEGE
 PULPALLY - 673579

29	Varsha C. M	x	A	x	x	x	x	x	x	x	x	A	x	x	x	x
30	Liya Chandran	x	x	x	x	A	x	x	x	A	x	A	x	x	x	x
31	Amaya K. M	x	x	x	x	A	x	A	x	x	x	x	x	x	x	x
32	Anusree C. K	A	x	x	x	A	x	x	x	x	x	x	x	x	A	x
33	Anusree S	x	A	x	x	x	x	x	x	x	x	x	x	x	A	x
34	Nandhana N. P	x	A	x	A	x	x	x	x	x	x	x	x	A	x	x
35	Neethu V. B	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
36	Pavithra P. U	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
37	Shifana C	x	x	x	A	x	x	A	x	x	x	A	x	x	x	x
38	Shamna N	A	A	x	x	x	A	x	x	A	x	x	x	x	A	x



Dr. JOSHY MATHIEW
 Head of the Department
 of History
 Pazhassiraja College, Pulpally
 Wayanad- Pin:673579- Kerala

PRINCIPAL, PULPALLY, WAYANAD



P G Department of Travel and Tourism Management
PAZHASSIRAJA COLLEGE

Pulpally, Wayanad, Kerala

(Affiliated to University of Calicut and Managed by Catholic Diocese of Bathery)

NAAC accredited with 'A+ grade' www.pazhassrajacollege.ac.in

From

Shelji Mathew,
Asso. Professor and Head

To

The Principal
Pazhassiraja College

Sir,

Sub: Commencement of Certificate course by the Department of Travel and Tourism Management Reg:-

We are planning to conduct a certificate course in **Sustainable Tourism Management** from **August 7th to August 25th 2023** for the BTTM students. The total contact hours will be 30 and maximum intake will be limited to 50. The course is intended to cover the basics of hotel service related matters. We are targeting students from Department of Travel and Tourism for this programme.

I request you to permit the department to conduct the above said course and also request your kind support for the successful completion. The details are attached for your kind reference and perusal.

Thanking You.

Principal
Pazhassiraja College
Pulpally, Pin: 673579

Sincerely,

SHELJI MATHEW
Associate Professor & Head
Dept. of Travel and Tourism Management
Pazhassiraja College Pulpally
Wayanad (Dt), 673579



**DEPARTMENT OF TRAVEL AND TOURISM MANAGEMENT
PAZHASSIRAJA COLLEGE, PULPALLY**

Certificate Course – 2023-2024

PRCTTMST01- : SUSTAINABLE TOURISM MANAGEMENT

NOTICE

Department of Travel and Tourism Management are organizing a certificate course in Sustainable Tourism Management from **August 7th to August 25th 2023**. The course is designed for the students of BTTM. Please take note of the following.

- i) Application form: Application form may be obtained from the department.
- ii) Duration of course: 30 Hours
- iii) Submission of Application: Candidate desirous to get admission in the certificate course is required to apply in the prescribed Performa.
- iv) The last date of receiving application: 1st July 2023
- v) Rejection of Application: Incomplete application and application received after due date will be rejected/not considered
- vi) Those who successfully complete the course and clear the examination thereafter will be awarded with the certificate.

Course Coordinator

Head of the Department

Principal

Principal
Pazhassi Raja College
Pulpally. Pin: 673579

SHELJI MATHEW
Associate Professor & Head
Dept. of Travel and Tourism Management
Pazhassiraja College Pulpally
Wayanad (Dt), 673579



**Department of Travel and Tourism Management
Pazhassiraja College, Pulpally.**

Certificate Course – 2023-2024

PRCTTMST01- : SUSTAINABLE TOURISM MANAGEMENT

Duration of the course: 30 hours

External	60
Internal	20
Total	80

PZACTTMST01- : SUSTAINABLE TOURISM MANAGEMENT

Theory: 2 Units, 30 hours

Objective: To orient the students to the sustainable tourism practices and management in detail through class room and practical sessions

Learning outcomes

- The participants would be able to describe and demonstrate the sustainable tourism practices and management.
- The participants would be able to empowering them to sustainable tourism initiatives at various levels.

CONTENTS OF THE SYLLABUS

1. BASICS OF SUSTAINABLE TOURISM

1. Introduction to Sustainable Tourism.
2. Understanding the concept of sustainable tourism.
3. Benefits and challenges of sustainable tourism.
4. Sustainable Tourism Planning and Development
5. Principles of sustainable tourism planning

2. PRINCIPLES, PRACTICES, POLICIES AND REGULATIONS

1. Best practices for sustainable destination development.

2. Sustainable tourism policies and regulations.
3. Eco-friendly practices in the hospitality sector.
4. Waste management and recycling initiatives.
5. Sustainable Tourism and Ethical Practices.

Practical on: Site visits to eco-friendly tourism establishments and nearby destinations, Case Studies.

References:

1. An introduction to Sustainable Tourism – David Weaver
2. Sustainable Tourism Management – John Swarbrooke.
3. Sustainable Tourism: Principles, Contexts and Practices- David Fennel.
4. The business of Sustainable Tourism Development and Management – Susan.L.Slocum.



Principal
Pazhassi Raja College
Pulpatti, Pin: 673579

PAZHASSIRAJA COLLEGE, PULPALLY
CERTIFICATE COURSE August - 2023
Certificate courses

CONSTITUTION OF THE BOARD OF STUDIES

Board of Studies: Board of Studies shall consist of the following members:

- a) The Chairperson of the Board of Studies who shall be appointed by the Principal from among the teachers in the Department of Travel and Tourism Management.
- b) All other teachers in the department of Tourism.
- c) Experts of the subject concerned from outside the University/College to be appointed by the Principal.

FUNCTIONS OF THE BOARDS OF STUDIES: The following shall be the functions of the Boards of Studies:

- a) To frame and revise as frequently as necessary the syllabus of the subject concerned shall be the main function of the Board of Studies.
- b) To recommend to the rules, regulations and minimum qualifications required for admission into subject/course concerned.
- c) To prepare/revise panels of paper setters and examiners for valuation.
- d) To prepare model question papers for the subject concerned as and when there is a revision of syllabus.

Board of Studies Members

Sl. No	Name	Designation
1	Mr . Shelji Mathew	Associate. Professor & Head
2	Mr. Sanoop Kumar P V	Assistant Professor
3	Mr. Anoop Philip	Expert- OSHM
4	Mr. Binosh Kunjappan	Assistant Professor
5	Mr. Shaijumon P V	Assistant Professor
6	Ms. Divya Das	Assistant Professor
7	Ms. Anu T.P	Assistant Professor

**Minutes of the Board of Studies for certificate course held on 20-07-2023 at
the Department of Travel and Tourism Management**

Agenda

1. To approve the request for a new certificate course in the department
2. Approval of the syllabus submitted by the coordinator
3. Finalization of the schedule of the course to be conducted
4. Format of the examination

Decisions taken

1. Decided to conduct a certificate course with title **Sustainable Tourism Management (PRCTTMST01)**
2. The syllabus submitted by the coordinator **Mr.Sanoop Kumar P.V.** comprising of 2 modules which needs 30 contact hours is approved.
3. It has been decided to collect the duly filled application forms before 01-08-2023
4. It has been decided to commence the classes from 7th August 2023 and planning to complete the syllabus by 25th August and conduct an examination on 4th September 2023.
5. It has been decided to publish the results by 8th September 2023.

Members present


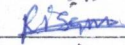



1. Mr.Shelji Mathew
2. Mr.Sanoop Kumar P V
3. Mr.Anoop Philip
4. Mr.Binosh Kunjappan.
5. Mr.Shaijumon P V
6. Ms.Divya Das
7. Ms.Anu T.P




Department of Travel and Tourism Management
Pazhassiraja College, Pulpally.
Certificate courses in Sustainable Tourism Management

Students List 2023-2024

ROLL NO	REG.NO	NAME	Signature
1	PZAVATTR01	ATHIRA SUBHASH	
2	PZAVATTR02	MISBAH T P	
3	PZAVATTR03	VYSHNAVI P K	
4	PZAVATTR04	AAKASH JAYAN	
5	PZAVATTR06	ANEESKHAN NM	
6	PZAVATTR07	ASWIN MOHAN	
7	PZAVATTR08	MUHAMMED YASEEN P M	
8	PZAVATTR09	NANDU A V	
9	PZAVATTR10	NUHMAN	
10	PZAVATTR11	SANJAY P S	
11	PZAVATTR12	ALFIYA E	
13	PZAVATTR13	ALNITTA SOONAJ K	
14	PZAVATTR14	ARUNIMA A M	
15	PZAVATTR17	FATHIMA SHIFA	
16	PZAVATTR18	NAJIYA JASMIN K T	
17	PZAVATTR19	NIDHA FARVIN T	
18	PZAVATTR20	REHNA SHERIN MK	
19	PZAVATTR21	SHIMNA NAZRIN K N	
20	PZAVATTR22	THANOOJA K P	
21	PZAVATTR23	THASFEELA M K	
22	PZAVATTR24	VISHNUMAYA K P	
23	PZAVATTR25	VISMAYA M	
24	PZAVATTR26	ADIL P	
25	PZAVATTR27	AMAL ANTONY	
26	PZAVATTR28	AMAL K M	
27	PZAVATTR29	ANOOP ANTONY	
28	PZAVATTR30	ANURAGH P	
29	PZAVATTR32	FUAD SANIN	
30	PZAVATTR33	GOKUL DILEEP	
31	PZAVATTR34	HRIDHIN M	
32	PZAVATTR35	JITHIN K B	
33	PZAVATTR37	MOHAMMED IRFAN N	
34	PZAVATTR38	MUHAMMED YASIN K U	

35	PZAVATTR39	NIRMAL M JOSE	
36	PZAVATTR40	RISAM N	
37	PZAVATTR41	SARANG P T K	
38	PZAVATTR42	SARFAS ROSHAN	
39	PZAVATTR43	SEBIN SIBI	


SHELJI MATHEW
 Associate Professor & Head
 Dept. of Travel and Tourism Management
 Pazhassiraja College Pulpally
 Wayanad (Dt), 673579


 Principal
 Pazhassiraja College
 Pulpally. Pin: 673579

 Date:

**Department of Travel and Tourism Management
Pazhassiraja College, Pulpally.**

Certificate course – 2023-2024

PRCTTMST01 - : SUSTAINABLE TOURISM MANAGEMENT

Time: 2 hrs.

Max Marks: 60

Section 1: Answer all the questions.

1. Define sustainability?
2. What is green energy consumption?
3. What is environmental conservation?
4. What is environmental degradation?
5. What is responsible tourism?

2x5=10 Marks

Section 2: Short answer questions. Answer any 4 questions.

6. Briefly write sustainable tourism development aims?
7. What do you mean by global economic crisis?
8. Provide three examples of how tourism can contribute to environmental conservation.
9. Elucidate. How sustainable tourism can have positive impacts on local communities.
10. What points to be considering while planning sustainable tourism?

5x4=20Marks

Section C: Long answer questions. Answer any 2 questions.

11. Define sustainable tourism development and explain its importance.
12. How sustainable tourism development can be beneficial to local communities?
13. Describe two ways in which tourists can practice responsible behavior during their trips to support sustainability.

2x15=30 Marks



(Signature)
Principal
Pazhassiraja College
Pulpally. Piz: 673579



No. _____

PAZHASSIRAJA COLLEGE

Pulpally, Wayand-673579

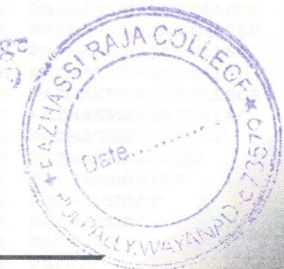
NAAC Accredited with 'B' Grade (Affiliated to University of Calicut)

CERTIFICATE

This is to certify that Ms/Mr. Misbah T.P
has successfully completed the certificate/Diploma course in
Sustainable Tourism Management
conducted by the Dept. of Travel and Tourism Management
in the year 2023-2024

Course Coordinator
SHELSA MATHEW
Associate Professor & Head
Dept. of Travel and Tourism Management
Pazhassiraja College Pulpally
Wayanad (Dt), 673579

Principal





No. _____

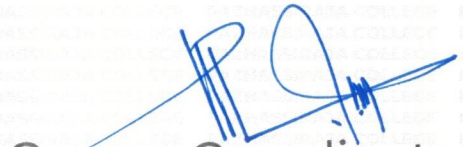
PAZHASSIRAJA COLLEGE

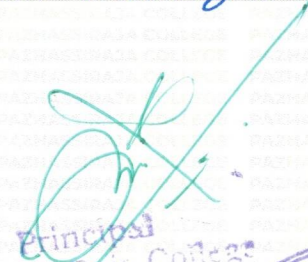
Pulpally, Wayand-673579

NAAC Accredited with 'B' Grade (Affiliated to University of Calicut)

CERTIFICATE

This is to certify that Ms/Mr. NANDU . A . V
has successfully completed the certificate/Diploma course in
Sustainable Tourism Management
conducted by the Department of Travel & Tourism Management
in the year 2023-2024


Course Coordinator
SHELJI MATHEW
Associate Professor & Head
Dept. of Travel and Tourism Management
Pazhassiraja College Pulpally
Wayanad (Dt), 673579


Principal
Pazhassiraja College
Pulpally, Wayanad - 673579



DEPARTMENT OF TRAVEL AND TOURISM MANAGEMENT


PAZHASSIRAJA COLLEGE ,PULPALLY

LIST OF STUDENTS ENROLLED AND SECURED PASS IN THE CERTIFICATE COURSE -2023-2024

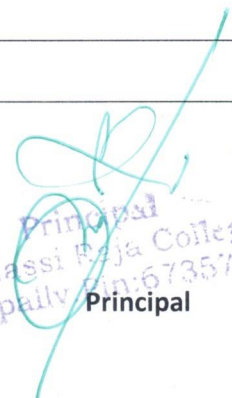
PRCTTMST01-SUSTAINABLE TOURISM MANAGEMENT

1	PZAVATTR01	ATHIRA SUBHASH
2	PZAVATTR02	MISBAH T P
3	PZAVATTR03	VYSHNAVI P K
4	PZAVATTR04	AAKASH JAYAN
5	PZAVATTR06	ANEESKHAN NM
6	PZAVATTR07	ASWIN MOHAN
7	PZAVATTR08	MUHAMMED YASEEN P M
8	PZAVATTR09	NANDU A V
9	PZAVATTR10	NUHMAN
10	PZAVATTR11	SANJAY P S
11	PZAVATTR12	ALFIYA E
12	PZAVATTR13	ALNITTA SOONAJ K
13	PZAVATTR14	ARUNIMA A M
14	PZAVATTR17	FATHIMA SHIFA
15	PZAVATTR18	NAJIYA JASMIN K T
16	PZAVATTR19	NIDHA FARVIN T
17	PZAVATTR20	REHNA SHERIN MK
18	PZAVATTR21	SHIMNA NAZRIN K N
19	PZAVATTR22	THANOOJA K P
20	PZAVATTR23	THASFEELA M K
21	PZAVATTR24	VISHNUMAYA K P
22	PZAVATTR25	VISMAYA M
23	PZAVATTR26	ADIL P
24	PZAVATTR27	AMAL ANTONY
25	PZAVATTR28	AMAL K M

26	PZAVATTR29	ANOOP ANTONY
27	PZAVATTR30	ANURAGH P
28	PZAVATTR32	FUAD SANIN
29	PZAVATTR33	GOKUL DILEEP
30	PZAVATTR34	HRIDHIN M
31	PZAVATTR35	JITHIN K B
32	PZAVATTR37	MOHAMMED IRFAN N
33	PZAVATTR38	MUHAMMED YASIN K U
34	PZAVATTR39	NIRMAL M JOSE
35	PZAVATTR40	RISAM N
36	PZAVATTR41	SARANG P T K
37	PZAVATTR42	SARFAS ROSHAN
38	PZAVATTR43	SEBIN SIBI


Course Coordinator
SHELJI MATHEW
 Associate Professor & Head
 Dept. of Travel and Tourism Management
 Pazhassiraja College Pulpally
 Wayanad (Dt), 673579




 Principal
 Pazhassiraja College
 Pulpally, Pin: 673579

Certificate Course in Sustainable

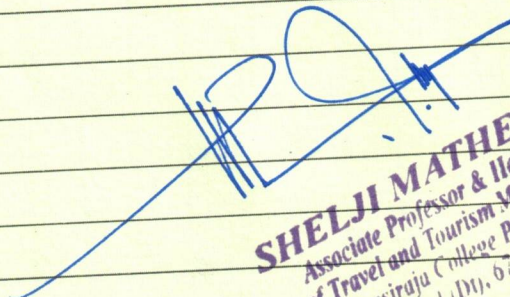
PAZHASSIRAJA
 " August 7/6 to August

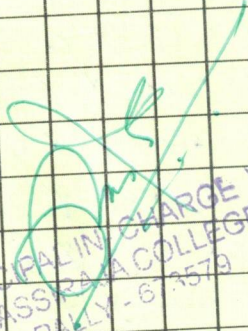
Name of Course.....

Ad. No.	Class No.	Name of Student	0	7	6	8	0	9	1	0	1	1	1	0
			M	E	M	E	M	E	M	E	M	E	M	E
	36	Nirmal M. Jose	a	x	x	x	x	x	a	a	x	x	x	
	37	Risam N.	x	x	x	x	x	x	x	x	x	x	x	
	38	Sarany P. TK	a	a	x	x	x	x	x	x	x	x	x	

OFF DAYS During the Course

- Aug 14/15
- Aug 21/22
- Aug 23


SHELJI MATHEW
 Associate Professor & Head
 Dept. of Travel and Tourism Management
 Pazhassiraja College Pulpally
 Wayanad (Dt), 673579


 PRINCIPAL IN CHARGE
 PAZHASSIRAJA COLLEGE
 PULPALY - 673579

