

MES Asmabi College, P Vemballur,
Kodungallur PG Department of Commerce

Certificate Course in Tally ERP 9.0

Department : PG Department of Commerce
Name of the Course : Tally ERP 9.0
Course Code . :MESACCC01
Coordinator : Deepa K A
Head of the Department : Shiney C N
Maximum number of students 42
Duration of the course : 40 hrs
Level : UG
Teaching Methodology : Direct method



Co-ordinator



HOD.



For 
PRINCIPAL
M.E.S. ASMABI COLLEGE,
P.O.P.VEMBALLUR,
KODUNGALLUR - 680 671

B.com Co-operation for Tally

List of Students: 2018-19

Sl. no	Name	Phone Number	Sign
1.	Soorya A.S	7510551657	<u>Soorya</u>
2.	Nayana P.S	8078302917	<u>Nanda</u>
3.	Drisya P.D	9846078542	<u>Drisya</u>
4.	Sreelakshmi K.T	9061559622	<u>Sreelakshmi</u>
5.	Jabeena P.J	8593807165	<u>Jabeena</u>
6.	Rakhi T.R	9539031156	<u>Rakhi</u>
7.	Farsana P.M	7902653101	<u>Farsana</u>
8.	Salva Muhammadali	8606230549	<u>Salva</u>
9.	Muhsinas K.M	8086803687	<u>Muhsinas</u>
10.	Nanda C. Vallabhan	9495633074	<u>Nanda</u>
11.	Naseeba A.N	7510186422	<u>Naseeba</u>
12.	Fathima Hanan V.H	8113066222	<u>Fathima</u>
13.	Shameera Shifan	7356941567	<u>Shameera</u>
14.	Aparna T.J	9446815121	<u>Aparna</u>
15.	Namitha T.M	8301869530	<u>Namitha</u>
16.	Manjusha H.	8086274418	<u>Manjusha</u>
17.	Nisma Noushad K.N	7510811233	<u>Nisma</u>



Deepa
Co-ordinator

Shreyas
HOD

For Keerthi
PRINCIPAL
M.S. ASMABI COLLEGE,
P.O.P. VEMBAI

List of Students 2018-19

18.	Aleena Shajan	7034462856	Aleena
19.	Fathima H. Zahra	9048500855	Fathima
20.	Aswathy K.A	9745428193	Aswathy
21.	Divya K.H	8606631102	Divya
22.	Shino Sunil	9656652282	Shino
23.	Surmi	7034462983	Surmi
24.	Archana P.S	9961624716	Archana
25.	Gopika K.P	9048833900	Gopika
26.	Rashitha		Rashitha
27.	Mulsina P.S	9946988768	Mulsina
28.	Fahmida T.M	9562692242	Fahmida
29.	Rahmath P.M	9562692242	Rahmath
30.	Sara M.T	9745000810	Sara
31.	Sujithra P.K	9744688457	Sujithra
32.	Jasna Subramanian	9744688457	Jasna
33.	Malutty K.B	7560905244	Malutty
34.	Alfia P.A	9539529405	Alfia
35.	Nikhitha P.S	7592839199	Nikhitha

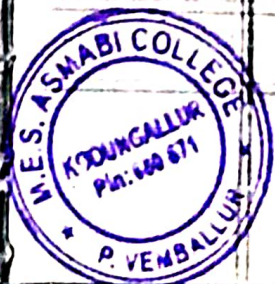
List of students 2018-19

36.	Abhilash	9567892115	<i>Abhilash</i>
37.	Adarsh E.S	9847852065	<i>Adarsh</i>
38.	Mohammed Faiz V.M	8086826089	<i>M Faiz</i>
39.	Mohammed Faiz	9539325227	<i>Mohammed Faiz</i>
40.	Abhijith P.S	8893112633	<i>Abhijith</i>
41.	Sirajul Muneer	9074830566	<i>Sirajul Muneer</i>
42.	Joyal M.J	8086148673	<i>Joyal</i>

Deepa
Co-ordinator

Shreyas
HOD

Keenamb



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M.E.S. ASMABI COLLEGE,
P.O.P.VEMBALLUR,
KODUNGALLUR - 689 671.

Tally ERP 9 ACE –

40 hours program

Chapter 1 - 3 hrs

Fundamentals of Accounting

- The Meaning and importance of accounting
- Commonly used accounting terms
- Accounting assumptions, concepts and principles
- Types of accounts
- The golden rules of accounting and the double entry system of accounting

Chapter 2 - 1 hour

- Get started with computerized accounting
- Create a company
- Select and shut company
- Create ledgers and groups and display the company chart of accounts

Chapter 3 – 1 hour

- Stock groups
- Units of Measure
- Stock items
- Godowns
- Stock categories and generate inventory reports in Tally. ERP 9

Chapter 4 - 8 hour

- Record day-to-day transactions in Tally.ERP9 using
 - Contra voucher
 - Payment voucher
 - Receipt voucher
 - Sales voucher
 - Credit note vouchers
 - Purchase voucher
 - Debit note vouchers and Journal Vouchers
- View the balance sheet and P&L accounts after recording business transactions

Chapter 5 - 6 hour

- Maintain party –wise bill details in Tally.ERP9
- Keeping track of receivable and payables
- Set – off – bills using the different methods of adjustments
- Make partial and full payment entries

- Record credit transactions
- Manage outstanding and generate stock category report

Chapter 6 – 8 hour

MIS Report

- Identify and list the purpose of different MIS reports
- Generate MIS reports in Tally.ERP9 and
- Customize and analyse MIS Reports in Tally.ERP9

Chapter 7 – 8 hour

Getting Started with GST

- Activate GST for a company in Tally.ERP9
- Maintain GST registration details for the company
- Transfer input credit
- Record GST registration details of parties
- Record the following transactions
- Intrastate supplies – inward
- Intrastate supplies – outward
- Intrastate supplies – inward
- Interstate supplies – outward
- Print GST invoice
- Record goods return
- Defining tax rates at different level
- Generate GSTR – 1 AND GSTR -2 REPORTS
- Input credit set off
- Record GST tax payment
- Exporting GSTR1 return

Chapter 8 – 2 hours

Recording vouchers with TDS

- Configure Tax deducted at source in Tally. ERP 9 and
- Record simple TDS transactions

Tally Ace question description

Tally . ERP 9 Annexure

Masters - 3 hours

Unit quantity code (UQC) for GST Invoice

Defining 16 characters invoice number in Tally. ERP 9

Filing GSTR – 3B and making payments

Deepa
Co-ordinator

Shiney CV
HOD.

For Keenam
PRINCIPAL,
M. E. S. ASMABI COLLEGE
P.O.P. VEMBALLUR,
KODUNGALLUR 686671



Tally training sessions 2018-19

Academic Event Report: Tally ERP 9.0

Organized by: PG Department of Commerce, MES Asmabi College

Date: 1st July 2018 - 29th September 2018

Attendees: 42 students

Duration of the course: 40 hours (Only Saturdays which cover 5 hours in a day)

Introduction:

The PG Department of Commerce, MES Asmabi College, organized a Tally training session for 42 students over a period of 2 months, from 1st July 2018 to 29th September 2018. The class was organised only on Saturdays which covers 5 hours in each day. The training session was designed to provide students with practical experience and in-depth knowledge of the Tally accounting software.

Session Content:

The session was structured with 75% practical training and 25% theoretical content. The trainers first introduced the students to Tally and its features, followed by a demonstration of its practical applications. The students were then given hands-on experience with the software, where they were able to work on various exercises and practical scenarios. The trainers also covered topics such as voucher entry, ledger creation, bank reconciliation, inventory management, payroll management, and financial statement preparation.

The practical exercises allowed the students to apply the concepts they learned and helped them understand how Tally can be used in various industries. The theoretical content was presented through slides and was used to supplement the practical exercises. The session was highly interactive, and students were encouraged to ask questions and participate in the discussions.

Student Feedback:

The students who attended the session were highly impressed by the practical approach to the training. They appreciated the opportunity to work on Tally software and gain hands-on experience. Many students felt that the practical exercises and real-life scenarios helped them understand the concepts better and gave them a better understanding of how Tally can be used in the workplace.

Conclusion:

Overall, the Tally training session organized by the PG Department of Commerce, MES Asmabi College was a great success. The practical approach of the training, combined with the duration of the session, helped the students gain valuable skills and knowledge that will be useful in their future careers. The department plans to continue organizing such training sessions in the future to help students stay up-to-date with the latest trends and technologies in the field of commerce and accounting.

Deepa

Co-ordinator

Shreyas

HOD



For *Keenamb*
PRINCIPAL
M.E.S. ASMABI COLLEGE,
P.O.P.VEMBALLUR,
KODUNGALLUR - 680 671

MES Asmabi College, P Vemballur, Kodungallur
PG Department of Commerce
Certificate Course- Advertisement & Digital Designing 2018-19

Curriculum and Evaluation Procedures

Department	: PG Department of Commerce
Name of the Course	: Certificate Course in Advertisement & Digital Designing
Coordinator	: Najumudheen. K P
Head of the Department	: Dr. Princy Francis
Maximum number of students	: 30
Duration of the course	: 30 hours
Level	: UG
Teaching Methodology	: Direct teaching, illustrations, and hands-on training sessions.
Teaching aids	: PPT and materials



For
PRINCIPAL,
M. E. S. ASMABI COLLEGE
P. O. P. VEMBALLUR
KODUNGALLUR 686007

MES Asmabi College, P Vemballur, Kodungallur

PG Department of Commerce

Certificate Course- Advertisement & Digital Designing 2018-19

List of Students enrolled

Sl. No.	Roll No.	Name	Class	Signature
1	2008	SHAMILA U M	I B. Com Co-operation	
2	2009	ABHIRAMI M A	I B. Com Co-operation	
3	2010	AFNAN LATHEEF	I B. Com Co-operation	
4	2011	ANJALY P D	I B. Com Co-operation	
5	2012	ANTONY P X	I B. Com Co-operation	
6	2013	ATHULYA A R	I B. Com Co-operation	
7	2014	AYOOSH E S	I B. Com Co-operation	
8	2015	DEEPTHI P P	I B. Com Co-operation	
9	2016	DRISHYA T R	I B. Com Co-operation	
10	2017	FATHIMA T A	I B. Com Co-operation	
11	2018	GOPIKA K R	I B. Com Co-operation	
12	2019	HASEENA P A	I B. Com Co-operation	
13	2020	JASNA P B	I B. Com Co-operation	
14	2021	LIMNA LATHEEF	I B. Com Co-operation	
15	2022	MUHAMMED ABIZER M N	I B. Com Co-operation	
16	2023	RESMI K D	I B. Com Co-operation	
17	2024	SAHLA THASNIM T B	I B. Com Co-operation	
18	2025	SANDRA E S	I B. Com Co-operation	
19	2026	SHAFALA K F	I B. Com Co-operation	
20	2027	SHAHANA N K	I B. Com Co-operation	
21	2028	SHAMILA K B	I B. Com Co-operation	
22	2029	SINU BABU	I B. Com Co-operation	
23	2030	SONA N J	I B. Com Co-operation	
24	2031	SREELAKSHMI V S	I B. Com Co-operation	
25	2032	ABHINAV V V	I B. Com Co-operation	
26	2033	AMAL K S	I B. Com Co-operation	
27	2034	AMINA C K	I B. Com Co-operation	
28	2035	AMRITHA P S	I B. Com Co-operation	
29	2036	ANVYSMITH DAVIS	I B. Com Co-operation	
30	2037	ASHIDA P A	I B. Com Co-operation	



for Keenamul
PRINCIPAL
M E S ASMABI COLLEGE
P. O. P. VEMBALLUR,
KODUNGALLUR 580071

**SYLLABUS OF CERTIFICATE COURSE IN
ADVERTISEMENT & DIGITAL DESIGNING
MES ASMABI COLLEGE, PG & RESEARCH DEPARTMENT OF
COMMERCE**

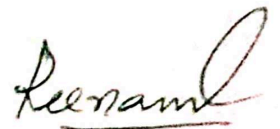
Certificate Course	<ul style="list-style-type: none"> • ADVERTISEMENT & DIGITAL DESIGNING
Objectives	<ul style="list-style-type: none"> • To impart knowledge about advertisements to students • To provide awareness of ethical advertising • To provide practical know-how in designing ads with the help of Adobe Photoshop • To understand the basics of large-size prints • To support the students to explore new job opportunities in the field of designing and advertisement
Duration	<ul style="list-style-type: none"> • 30 hrs
Fees	<ul style="list-style-type: none"> • Rs. 1200/student
Intake	<ul style="list-style-type: none"> • 30 students
Certificate Issued by	<ul style="list-style-type: none"> • P G & Research Department of Commerce, MES Asmabi College
Co-ordinator	<ul style="list-style-type: none"> • NAJUMUDHEEN. KP

Unit	Syllabus	Duration
1	Meaning, kinds and importance of advertisement	2 hrs
2	Advertisement copy and Layout & printing	2 hrs
3	Practical: Adobe Photoshop & Printing large-size files	26 hrs
Total		30 hrs

NAJUMUDHEEN. K P

Course Co-ordinator





PRINCIPAL,
M. E. S. ASMABI COLLEGE
P.O.P. VEENBALLYUR
KOONUNGALUR.

SYLLABUS

Module: 1 Meaning, kinds and importance of advertisement: (Theory 2 hours)

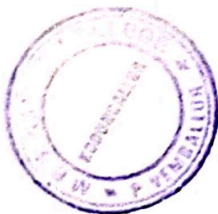
Definition, Nature and evolution of advertising, its functions and role, Place of advertising in Marketing Mix, copywriting: different elements of a copy and layout, advertising budget, objectives, preparation and methods of advertising budget, advertising media: different types of media, function, merits and demerits of media, selection of media and its vehicles, advertisement and ethical aspects.

Module: 2 Advertisement copy and Layout & printing: (Theory 2 hours)

Concept and definition of advertisement –setting advertisement objectives –type and choice criteria – reach and frequency of advertisements, message development – different types of advertisements – layout – design appeal –copy structure – advertisement production – print media and broadcast media, social media ads, testing the validity and reliability of ads – measuring the impact of advertisements.

Module: 3 Adobe Photoshop & printing (PRACTICAL 26 HOURS)

Introduction to Adobe Photoshop and designing, colour value, applying different tools to edit images and backgrounds, practical approach to designing, cloth and flex printing, setting files, the importance of digital designs, and relevance of designs in social media marketing.



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for
PRINCIPAL
M. E. S. ASMADE COLLEGE
P. O. P. VENBALLUR,
K. O. S. BALLUR 561 111

MES Asmabi College, P Vemballur, Kodungallur

PG Department of Commerce

Certificate Course- Advertisement & Digital Designing 2018-19

Certificate Course in Advertisement & Digital Designing Report

Introduction: The Certificate Course in Advertisement & Digital Designing was conducted by the Post Graduate Department of Commerce at MES Asmabi College, P. Vemballur. The course aimed to provide undergraduate students with practical knowledge and skills in the field of advertisement and digital design. The course duration was 30 hours, and it was held on 1, 15, and 22 September, as well as on 20 and 27 October 2018.

Objectives: The course had several objectives, which included:

1. Imparting knowledge about advertisements to students: The course aimed to provide students with a comprehensive understanding of advertisements, including their meaning, types, and importance in the business world.
2. Creating awareness of ethical advertising: Students were made aware of the importance of ethical advertising practices and the impact they have on society and consumers.
3. Providing practical know-how in designing ads with Adobe Photoshop: Through hands-on training sessions, students learned how to use Adobe Photoshop to design effective advertisements.
4. Understanding the basics of large-size prints: The course covered the fundamentals of creating large-size prints, enabling students to create visually appealing advertisements suitable for different mediums.
5. Supporting students in exploring new job opportunities: By equipping students with skills in design and advertisement, the course aimed to help them explore and pursue diverse job opportunities in the field.

Teaching Methodology and Aids: The course employed a variety of teaching methodologies to ensure effective learning. These included direct teaching, illustrations, and hands-on training sessions. The instructors used PowerPoint presentations (PPT) and materials as teaching aids to enhance the learning experience for the students.

Course Structure: The Certificate Course in Advertisement & Digital Designing was divided into three modules, with a total duration of 30 hours:

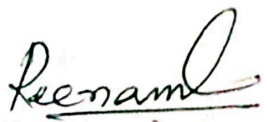
Module 1: Meaning, kinds, and importance of advertisement (Theory - 2 hours) This module provided a theoretical foundation for students to understand the concept of advertisement, its different types, and its significance in various industries.

Module 2: Advertisement copy and Layout & printing (Theory - 2 hours) In this module, students learned about the process of creating effective advertisement copies, designing layouts, and printing techniques.

Module 3: Adobe Photoshop & printing (Practical - 26 hours) The practical module focused on developing students' skills in using Adobe Photoshop software for designing advertisements. It also covered the printing aspects of creating visually appealing ads.

Conclusion: The Certificate Course in Advertisement & Digital Designing conducted by the PG Department of Commerce at MES Asmabi College provided undergraduate students with valuable knowledge and practical skills in the field of advertising and digital design. The course equipped students with the ability to understand advertisements, create ethical designs, and utilize Adobe Photoshop effectively. By the end of the course, students were prepared to explore diverse job opportunities in the design and advertising sectors.



For 
PRINCIPAL,
M. E. S. ASMABI COLLEGE
P. O. P. VEMBALLUR,
KODUNGALLUR 686671

MES ASMABI COLLEGE, P VEMBALLUR
PG DEPARTMENT OF ENGLISH
CERTIFICATE COURSE- SPOKEN ENGLISH

MESACCC202011 (2018-19))

Department	:	P G Department of English
Name of the Course	:	SPOKEN ENGLISH
Course Code	:	MESACCC03
Name of the Coordinator	:	VEENALEKSHMI UR 9497621206, vnlkshm@gmail.com
Head of the Department	:	Dr. Reena Mohamed
Maximum number of students	:	36
Duration of the course	:	30 hrs
Level	:	UG/PG
Teaching Methodology	:	Direct method, group discussions, Pair Work, Practice Exercises
Teaching aids	:	Ppt, Videos,
Evaluation procedure	:	Diagnostic test in the beginning, weekly mock test, final MCQ/Descriptive test
Collaborating agency, if any	:	Nil
Project, Assignment, Internship	:	Nil

CERTIFICATE COURSE IN SPOKEN ENGLISH 2018-19

SL NO	NAME	DEPARTMENT	CLASS
1	ASHISH PS	BCA	II YEAR
2	ADINAN MOHAMED JAYAFAR	BCA	II YEAR
3	ADITHYALAKSHIMI S KUMAR	BCA	II YEAR
4	AKHIL CHANDRAN K C	BCA	II YEAR
5	ANUGRAHA T S	BCA	II YEAR
6	ARCHANA K A	BCA	II YEAR
	ARJIT SABU	BCA	II YEAR
7	AYSHA FARSANA K A	MASS	II YEAR
8	DEEPTHI SARATHI T A	MASS	II YEAR
9	DILSHAD K M	MASS	II YEAR
10	FARSANA T S	MASS	II YEAR
11	GOKUL KRISHNA K R	MASS	II YEAR
12	HASEEB N ABDULRASAK	MASS	II YEAR
13	JAMSHAD P J	MASS	II YEAR
14	ADITHYAN A V	ECONOMICS	II YEAR
15	AHAMED FAYAZ VM	ECONOMICS	II YEAR
16	ALEXANDER	ECONOMICS	II YEAR
17	ALI AKBAR P H	ECONOMICS	II YEAR
18	ANJITHA K B	ECONOMICS	II YEAR
19	ANJITHA A A	ECONOMICS	II YEAR
20	ANOOP M A	ECONOMICS	II YEAR
21	ANSILA ABOOBACKER	ECONOMICS	II YEAR
22	APARNA P U	ECONOMICS	II YEAR
23	ASMATH P S	ECONOMICS	II YEAR
24	ATHIRA N J	ECONOMICS	II YEAR

AS
Adina
Adithya
AD
Asha
Archana
Arjit
Aysha
Deepti
Dilshad
Farsana
Gokul
Haseeb
Jamshad
Adithyan
Ahmed
Alexander
Ali Akbar
Anjitha
Anjitha
Anoop
Ansila
Aparna
Asmath
Athira

25	AYSIA RISA P S	ECONOMICS	II YEAR
26	ABHINAND P S	PSYCHOLOGY	I YEAR
27	AMINA THASNEEM V S	PSYCHOLOGY	I YEAR
28	ANJALI SUBRAMANIAN	PSYCHOLOGY	I YEAR
29	ANJANA PRIYA M D	PSYCHOLOGY	I YEAR
30	ASNA T S	PSYCHOLOGY	I YEAR
31	DEVICHANDANA M S	PSYCHOLOGY	I YEAR
32	FARSANA SUMAYYA M F	PSYCHOLOGY	I YEAR
33	FASMILA	PSYCHOLOGY	I YEAR
34	HANEENA PARVIN A K	PSYCHOLOGY	I YEAR
35	HASNA FATHIMA	PSYCHOLOGY	I YEAR
36	HASNA JAHAN K A	PSYCHOLOGY	I YEAR

Handwritten signatures and initials on the right side of the table, including names like 'A.', 'S.', 'Fasmila', 'P.T.S.', and 'Hama'.

Reena

Veenalekshmi C.R.

Dr.Reena Mohamed PM
 Assistant Professor & HoD
 PG & Research Department of English
 MES Asmabi College
 P.Vemballur

PRINCIPAL
M.E.S. ASMABI COLLEGE
P.O.P.VEMBALLUR,
KOONGALLUR - 680 671

Certificate course-Spoken English

Objectives:

1. To enable the students to use the language with fluency, appropriate diction and idioms
2. To enable the students to acquire basics of Suprasegmental features of spoken English
3. To empower with the mastery of rhetoric in public speech, using language confidently in interviews

Module I

Introduction:

- Need and scope of CC
- Diagnostic test
- Problems of being a second language learner
- Possible approaches and solutions
- Parts of Speech
- Subject, Verb, Object
- Verb - Different Forms of the Verb
- Subject and Verb Agreement (Singular and Plural Forms of Nouns and Verbs)
- Tenses and role of verb in it
- Use of idioms and phrases
- Structure of a Sentence
- Structure of a Question
- Use of Active and Passive Voice, Reported Speech and Tag question in communication
- Use of courteous language

(7 Hours)

Module II

PHONETICS

Vowels ---Diphthongs --- Consonants --- Points of Articulation of Sounds- Connected speech with intonation

VOCABULARY

Introduce common place expressions of language -- Different Forms of the Verb ---

Specimens of Situational Conversations, Phrases, Sentences and Questions --- Synonyms ---

Antonyms --- Miscellaneous.

- Familiarize students with language lab
 - Identification of sounds or words including pronunciation of digits.
 - Announcements during event management, stage shows and ceremony
 - Practice sessions of conversations, Story building, Narration, Translation etc.
 - Group Discussion
 - Works to enhance reading skills
- (Note: Students are advised to keep an Oxford Advanced Learner's Dictionary)

(13 Hours)

Module III

(Individual Work)

- Speech and patterns of rhetoric
- Self introduction
- Mock interview
- Practice in formal speech
- Pick and Choose activities

(10 Hours)

Recommended reading

1. Bolitho, R and Tomlinson, B. (2005) Discover English, Heinemann
2. Bygate, M. (1987) Speaking, OUP
3. Hedge, T. (2005) Writing, OUP
4. Leech, G. (1982) Meaning and the English Verb, Longman
5. McCarthy, M., Schmitt, N. (1998) Vocabulary, CUP

6. Parrott, M. (2000) Grammar for English Language Teachers, CUP
7. Rixon, S. (1996) Developing Listening Skills, Macmillan
8. Roach, P. (2000) English Phonetics and Phonology, CUP
9. Swan, M (2005) Practical English Usage, OUP
10. Swan, M., & Smith, B. (2001) Learner English, CUP
11. Thornbury, S. (2002) How to Teach Vocabulary, Longman
12. Thornbury, S. (2005) How to Teach Speaking, CUP
13. Ur, P. (2005) Teaching Listening Comprehension, CUP

MES ASMABI COLLEGE
P.G DEPARTMENT OF ENGLISH
CERTIFICATE COURSE- SPOKEN ENGLISH (2018-2019)
COURSE CODE: MESACCC03

REPORT AND OUTCOME OF THE COURSE

The certificate course 'Spoken English' MESACCC03 officially commenced on 1 Nov 2018. 36 students from different disciplines enrolled for the course. After the introductory session, a diagnostic test was conducted to identify potential learning gaps. After introducing sounds, all the sessions were focused on framing appropriate sentences for everyday transactions and formal transactions. Role play, skits, interactive segments were arranged to transact the objectives of the curriculum. A descriptive test and viva voce was conducted at the end of the 30 hour session to assess the effective implementation of the curriculum. The results of the test align with the intended course outcome.




VEENALEKSHMI UR

COURSE CO-ORDINATOR

MES ASMABI COLLEGE

P.VEMBALLUR



Dr.Reena Mohamed PM
Assistant Professor & HoD
PG & Research Department of English
MES Asmabi College
P.Vemballur



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M.E.S. ASMABI COLLEGE,
P.O.P.VEMBALLUR,
KODUNGALLUR - 680 671



MES Asmabi College, P. Vemballur

DEPARTMENT OF AQUACULTURE

CERTIFICATE COURSE: 2018-19

Department : AQUACULTURE
Course Title : **Fish Hatchery Management**
Course Code : **MESACCC04**

Course Duration: **45 Hrs**

Course Objectives:

To learn seed production and hatchery management of commercially important cultivable fishes.

Name of the Coordinator : Dr. Dhanya P R (dhanyapulikkottil@gmail.com)

Head of the Department : Dr. Kesavan K (9495247407, kknambudiri@gmail.com)

Maximum number of students : 70

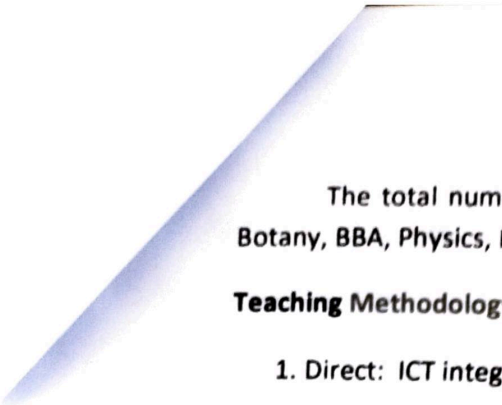
Students enrolled : 69

Duration of the course : 45 hrs.

Level : UG

About the Course

Fish is the most important source of animal protein food for the human population and the potential of fish culture production from ponds, floating cages and various other small water bodies in India is great. The supply of quality fish seed is a key factor to the expansion of fish farming. Fish seed demand at present is strong, unsatisfied and expected to expand and fish seed business in India is profitable. This course is based on existing trends and methods in fish seed production. The course includes all essential theory and practicals to enable the learner to emerge as a hatchery technician and consultant.



The total number of students enrolled were 69 from departments of Aquaculture, Botany, BBA, Physics, Psychology, B.Com. Computer Application and Mathematics.

Teaching Methodology:

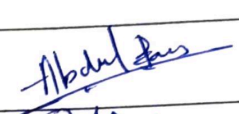
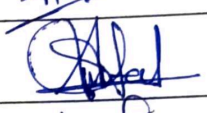
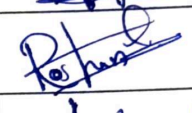
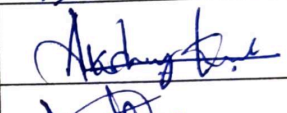

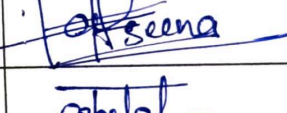
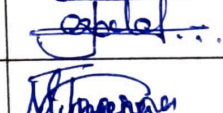

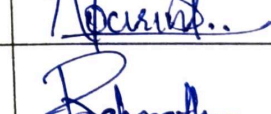


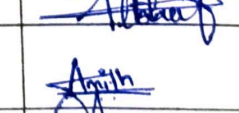

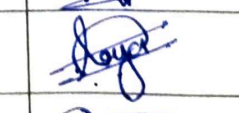
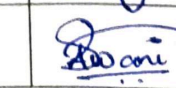

1. Direct: ICT integrated Classroom Teaching.
2. Indirect: Participative - Virtual study groups and group discussions, local field trip.



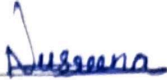


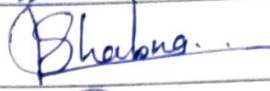



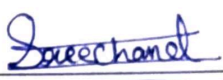
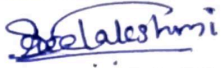








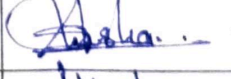
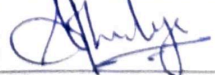
Teaching Aids: PPT, Videos, Handouts, Links to web resources.

MES Asmabi College, P Vemballur
Certificate Course- Fish Hatchery Management (2018-19)

Course code - MES ACCC 04


List of students enrolled


Sl. No.	Name of Student	Dept. & Year	Signature of Student
1	ABDUL BASITH TM	III B. Sc. Aquaculture	
2	ANFAL P A	III B. Sc Aquaculture	
3	ROSHAN AHAMED C H	III B. Sc. Aquaculture	
4	AKSHAY KRISHNA P	III B. Sc. Aquaculture	
5	ASEELA K A	III B. Sc. Aquaculture	
6	HAFSEENA K H	III B. Sc. Aquaculture	
7	JERALD DOMINIC	III B. Sc. Aquaculture	
8	MUBEENA THASNI P J	III B. Sc. Aquaculture	
9	NOURIN P S	III B. Sc. Aquaculture	
10	RAHMATH V H	III B. Sc. Aquaculture	
11	SIMI VIKRAMAN	III B. Sc. Aquaculture	
12	ALTHAF E A	III B. Sc. Aquaculture	
13	AMITH V	III B. Sc. Aquaculture	
14	ARUN S SURENDRAN	III B. Sc. Aquaculture	
15	ARYA K L	III B. Sc. Aquaculture	
16	ASWANI T M	III B. Sc. Aquaculture	

17	BIJI BABY	III B. Sc. Aquaculture	
18	MEGNA S ARAVIND	III B. Sc. Aquaculture	
19	NUSREEN T A	III B. Sc. Aquaculture	
20	RESHMI K R	III B. Sc. Aquaculture	
21	RISLA HANANA P J	III B. Sc. Aquaculture	
22	SHABNA N Y	III B. Sc. Aquaculture	
23	SHIFANA A Y	III B. Sc. Aquaculture	
24	SHILPA R S	III B. Sc. Aquaculture	
25	SMRITHI S BABU	III B. Sc. Aquaculture	
26	SREECHAND K R	III B. Sc. Aquaculture	
27	SREELAKSHMI C D	III B. Sc. Aquaculture	
28	SWATHY M R	III B. Sc. Aquaculture	
29	THASNIM M A	III B. Sc. Aquaculture	
30	UMMUKULSUM N R	III B. Sc. Aquaculture	
31	ASHA M M	III B.Sc. Botany	
32	ADITHYA ANAND	III B.Sc. Botany	
33	HRIDYA K H	III B.Sc. Botany	
34	SUVARNA K V	III B.Sc. Botany	
35	AMEESHA M M	III B.Sc. Botany	
36	ANSHA FAISAL	III B.Sc. Botany	
37	ATHULYA O M	III B.Sc. Botany	

38	DEVIKA MANOJ	III B.Sc. Botany	<u>Devika Manoj</u>
39	SAFNA P S	III B.Sc. Botany	<u>Safna</u>
40	SWETHA K S	III B.Sc. Botany	<u>Swetha</u>
41	SALIM ABDUL SALAM	III BBA	<u>Salim</u>
42	SASHIN KRISHNA	III BBA	<u>Sashin</u>
43	SHEHEEB P B	III BBA	<u>Sheheeb</u>
44	MAHAFOOZ KAMAL M K	III BBA	<u>Mahafooz Kamal</u>
45	MOHAMED ADHIL A S	III BBA	<u>Mohamed Adhil</u>
46	MOHAMMED FAZIL	III BBA	<u>Mohammed Fazil</u>
47	MOHAMMD HAFSAL P S	III BBA	<u>Mohammad Hafsal</u>
48	MOHAMMED RISAM U M	III BBA	<u>Mohammed Risam</u>
49	MUBARAK MUHAMMED A M	III BBA	<u>Mubarak Muhammed</u>
50	MUHAMMAD NIHAAL	III BBA	<u>Muhammad Nihaal</u>
51	RITHUPARNAGOSH P P	III BBA	<u>Rithuparnagosh</u>
52	SANJAY UNNIKRISHNAN	III BBA	<u>Sanjay Unnikrishnan</u>
53	SONU P R	III BBA	<u>Sonu P R</u>
54	ABUSALIH P N	III BBA	<u>Abusalih P N</u>
55	ARUNJITH	III BBA	<u>Arunjith</u>
56	DAYANA SEBASTIAN	III BBA	<u>Dayana Sebastian</u>
57	AMAL M A	III B.Com. Comp. Appl.	<u>Amal M A</u>
58	ANANDAPADMANABHAN K P	III B.Com. Comp. Appl.	<u>Anandapadmanabhan K P</u>

59	LIYANA NASREEN	III B.Com. Comp. Appl.	
60	MOHAMMED FARIS K A	III B.Com. Comp. Appl.	
61	RAHIYANATH C S	III B.Com. Comp. Appl.	
62	FARSANA K A	III B.Com. Comp. Appl.	
63	MISRIN T A	III B.Com. Comp. Appl.	
64	MUHAMMED RIYAZ P A	III B.Com. Comp. Appl.	
65	RITHIK KISHOR	III B.Com. Comp. Appl.	
66	UMMER JANISH	III B.Com. Comp. Appl.	
67	THASNA NASAR	III BA English	
68	SHAHANA BEEVI E N	III B.Sc. Physics	
69	SAFNA K ABUBAKER	III B.Sc. mathematics.	


DR. DHANYA. P.R
 ASSISTANT PROFESSOR
 DEPT. OF AQUACULTURE
 M.E.S. ASMABI COLLEGE
 P.VEMBALLUR - 680671
 KODUNGALLUR, THRISSUR


HEAD
 DEPARTMENT OF AQUACULTURE
 M. E. S. ASMABI COLLEGE
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 THRISSUR DISTRICT.




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 KODUNGALLUR

DEPARTMENT OF AQUACULTURE
M E S ASMABI COLLEGE, P. VEMBALLUR
CERTIFICATE COURSE: 2018-19

Course Title: Fish Hatchery Management

Course Code: MESACCC04

Course Duration: 45 Hrs

Course Objectives:

To learn seed production and hatchery management of commercially important cultivable fishes.

Course Outcomes:

CO1: Study the biology and reproduction of economically important fishes.

CO2: Breed commercially important finfish and can setup the student's own hatchery.

CO3: Serve as advisory to entrepreneurs in fish seed production.

Course Syllabus

Theory: 25 Hrs

Module 1:

Freshwater and marine fish seed resources. Natural breeding of finfishes. Selection of riverine spawn collection sites, gears used and methods of collection. Spawn quality and quantity indices. Advantages and disadvantages of riverine seed collection. Sexual maturity and breeding season of various cultivable species. Development of gametes in male and female. Fish egg and embryonic development.

(3Hrs.)

Module 2:

Induced breeding of warm water finfishes, environmental factors affecting spawning, sympathetic breeding. Hypophysation of fishes. Fish pituitary gland – its structure, collection, preservation and preparation of extract for injection, dosages and methods of injection. Brood-stock management and transportation of brood fish. Synthetic hormones used for induced breeding of carps.

(10 Hrs.)

Module 3:

Different types of fish hatcheries-traditional, Chinese, glass jar and modern controlled hatcheries. Causes of mortalities of eggs and spawn and remedies. Spawn rearing techniques. Use of anesthetics in fish breeding and transport. Breeding techniques for Indian major carps, exotic carps, tilapias, catfishes, grey-mullets, milk fish, pearl spot, sea bass, groupers, pacu, cobia, pompanos and indigenous fishes, etc.

(8 Hrs.)

Module 4:

Off-season and multiple breeding of carps. Reproductive Biology of IMC, Development, maturation and maintenance of gonads, anatomy of gonads, developmental stages, endocrine control of reproduction, cryopreservation of fish gametes. (4 Hrs.)

Practicals: 20 Hrs.

Study of maturity stages in fishes. Calculation of fecundity. Brood-stock maintenance and selection of breeders for injection. Induced breeding by any commercial synthetic inducing agent – brooder selection, dosage calculation, injection, egg estimation, hatching and fry rearing.

Study of fish eggs and embryonic developmental stages. Identification of eggs, spawn, fry and fingerlings of different species. Preparation and management of fish nursery. Fish seed and brood-stock transportation, use of anesthetics, disinfectants and antibiotics in fish breeding. Water quality monitoring in fish hatcheries and nurseries.

Suggested Books:

1. Breeding and Seed Production of Finfish and Shellfish- P.C. Thomas
2. Aquaculture: Principles and Practices - T.V.R.Pillay
3. Freshwater Aquaculture - R.K.Rath
4. Handbook of Fisheries and Aquaculture - ICAR publication

Course Plan and Schedule:

Session 1

Freshwater and marine fish seed resources. Natural breeding of fin fishes. Selection of riverine spawn collection sites, gears used and methods of collection. Fish seed resources 1. Fish spawn collection lecture 1

Session 2

Spawn quality and quantity indices. Advantages and disadvantages of riverine seed collection. Sexual maturity and breeding season of various cultivable species. Sexual maturity lecture 2. Sexual Maturity in fishes .

Session 3

Practical

Study of maturity stages in fishes. Collection and preservation of fish pituitary gland. Maturity Stages in fishes.

Session 4

Development of gametes in male and female. Fish egg and embryonic development. Egg development. Egg and embryonic development session 3

Session 5

Methods of injection, dosage calculation, egg counting etc.

Session 6

Practical - Sexing, Brooder selection and care.

Session 7

Collection and hatching of eggs, factors involved in bundh breeding, advantages and disadvantages of bundh breeding. Bundh breeding salia reservoir

Session 8

Induced breeding of warmwater finfishes, environmental factors affecting spawning, sympathetic breeding. Induced breeding of warm water fish

Session 9

Practical - Brood-stock maintenance and selection of breeders for injection and Histological studies of ovary and testes. Broodstock management

Session 10

Hypophysation of fishes. Fish pituitary gland – its structure, collection, preservation and preparation of extract for injection, dosages and methods of injection. Fish Pituitary gland Collection.

Session 11

Brood-stock management and transportation of brood fish. Fish brood stock management.

Session 12

Practical - Different fish hatchery systems, study of fish eggs and embryonic developmental stages. Chinese Circular Hatchery

Session 13

Synthetic hormones used for induced breeding of carps. Synthetic hormones.

Session 14

Production of synthetic hormones.

Session 15

Practical - Different fish hatchery systems, study of fish eggs and embryonic developmental stages.

Session 16

Causes of mortalities of eggs and spawn and remedies. Causes of mortality of fish egg and treatmentdocx Fish egg Mortalities

Session 17

Spawn rearing techniques. Spawn conditioning and rearing.

Session 18

Practical - Identification of eggs, spawn, fry and fingerlings of different species and Preparation and management of fish nursery. Nursery Pond Preparation

Session 19

Use of anesthetics in fish breeding and transport. Transportation of fish spawn Anesthetics in Aquaculture

Session 20

Breeding techniques for Indian major carps and exotic carps. Induced Breeding in Carps
Induced breeding of Indian major carps

Session 21

Practical - Disinfectants and antibiotics in fish breeding and Water quality monitoring in fish hatcheries and nurseries. Water quality parameters in aquaculture

Session 22

Breeding of cold water species of fishes.

Session 23

Breeding techniques of tilapias and catfishes, Breeding of tilapia and cat fish Breeding of Tilapia

Session 24

Practical - Breeding and larval rearing of common finfishes- *Pangasius pangasius* breeding

Session 25

Breeding techniques of grey-mullets, milk fish, pearl spot, and sea bass.

Session 26

Breeding techniques of groupers, pacu, cobia, pompanos and indigenous fishes. Off-season and multiple breeding of carps. Grouper breeding. Groupers and multiple spawning

Session 27

Practical - Breeding and larval rearing of common finfishes-Tilapia. Tilapia breeding

Session 28

Reproductive Biology of IMC, Development, maturation and maintenance of gonads, anatomy of gonads, developmental stages, endocrine control of reproduction, Reproductive Biology in fishes. Reproductive biology of carps.

Session 29

Cryopreservation of fish gametes. Case Studies.

Session: 30:

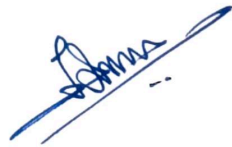
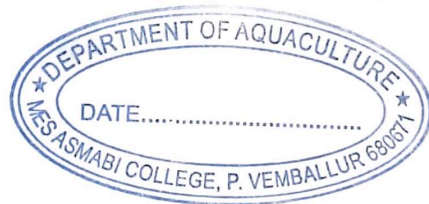
Review of theory. Final test.

ASSESSMENT PROCEDURE

Total Marks: 100 (Test: max. 80 Marks, Attendance: 20 Marks)

The assessment involves written tests accommodating MCQ and short answer questions. Attendance in

classes will be given due weightage. A minimum of 50% of marks in written tests is required for a pass. Minimum of attendance fixed is 75%.



**HEAD
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THRISSUR DISTRICT.**



**DR. DHANYA. P.S.
ASSISTANT PROFESSOR
DEPT. OF AQUACULTURE
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P.VEMBALLUR - 680671
KODUNGALLUR, THRISSUR**



**PRINCIPAL
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P.O.P. VEMBALLUR,
KODUNGALLUR - 680 671**

REPORT & OUTCOME

Department : AQUACULTURE
Name of the Certificate Course : Fish Hatchery Management
Course Code : **MESACCC04**
Name of the Coordinator : Dr. Dhanya P R (dhanyapulikkottil@gmail.com)
Head of the Department : Dr. Kesavan K (9495247407, kknambudiri@gmail.com)
Maximum number of students : 70
Students enrolled : 69
Duration of the course : 45 hrs.
Level : UG

About the Course

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Teaching Methodology:

1. Direct: ICT integrated Classroom Teaching.
2. Indirect: Participative - Virtual study groups and group discussions, local field trip.

Teaching Aids: PPT, Videos, Handouts, Links to web resources.


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MES ASMABI COLLEGE, P. VEMBALLUR

THE DEPARTMENT OF PHYSICS

PROPOSAL FOR

CERTIFICATE COURSE IN "NON CONVENTIONAL ENERGY"

Total hrs:30

Course Description:

This course on Non-Conventional Energy provides students with a comprehensive understanding of renewable energy sources and their applications. Students will explore the principles, technologies, and environmental aspects of solar, wind, biomass, hydropower, geothermal, and ocean energy. Through a combination of theoretical knowledge and practical examples, students will gain insight into the significance of non-conventional energy in addressing global energy challenges. The course covers topics such as solar photovoltaics, wind turbines, biomass conversion, hydropower systems, geothermal power generation, and ocean energy technologies. Students will also analyze the integration, storage, and sustainability aspects of non-conventional energy sources. By the end of the course, students will be equipped with the necessary knowledge and critical thinking skills to understand, evaluate, and contribute to the development of renewable energy systems for a sustainable future.

Course objectives:

Students will able to:

- ❖ Understand the significance of non-conventional energy sources in addressing global energy challenges. Differentiate between conventional and non-conventional energy sources, and explain the advantages and limitations of non-conventional energy.
- ❖ Explain the principles of solar energy conversion and demonstrate knowledge of solar photovoltaic (PV) and solar thermal systems.

Week 1(2 hrs)

Introduction

Week 2 (6 hrs)

Solar energy

Week 3(6 hrs)

Wind energy

Week 4(4 hrs)

Biomass energy

Week 5(4 hrs)

Hydropower

Week 6(4 hrs)

Geothermal energy

Week 7(4 hrs)

ocean energy

Dr. Sheena P A, MPhil, PhD
Associate Professor
Department of Physics
M E S Asmabi College
P. Vemballur, Kodungallur

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MES ASMABI COLLEGE , P. VEMBALLUR
 CERTIFICATE COURSE IN NON CONVENTIONAL ENERGY
 COURSE CODE :MESACCC05
 LIST OF STUDENTS ENROLLED

Sl .no.	Name of student	year	Department	Signature
1	FIZA K H	I YEAR	BCA	[Signature]
2	GOWTHEM KN	I YEAR	BCA	[Signature]
3	IYAS ABDULLAH	I YEAR	BCA	[Signature]
4	JABEEN BARKATH	I YEAR	BCA	[Signature]
5	AMNA	I YEAR	BA mass	[Signature]
6	ANAGHA M A	I YEAR	BA mass	[Signature]
7	RAMSHINA N S	I YEAR	BA mass	[Signature]
8	RIZVAN YOUSAF	I YEAR	BA mass	[Signature]
9	SALIMA	I YEAR	BA mass	[Signature]
10	GANGA ANILKUMAR	I YEAR	BA English	[Signature]
11	ASHNA ANIFER	I YEAR	BA English	[Signature]
12	PULCKAL AMRITHA SHAJI	I YEAR	BA English	[Signature]
13	RASMIYA T A	I YEAR	BA English	[Signature]
14	RESHMA K G	I YEAR	BA English	[Signature]
15	BHAVYA DAS P S	I YEAR	BA Economics	[Signature]
16	DEVIKA RAJ K R	I YEAR	BA Economics	[Signature]
17	DHANIKA E T	I YEAR	BA Economics	[Signature]
18	MUNJIYA T M	I YEAR	BA Economics	[Signature]
19	SHEREENA V S	I YEAR	BA Economics	[Signature]
20	SHIBITHA P B	I YEAR	BA Economics	[Signature]
21	SHYMA T A	I YEAR	BA Economics	[Signature]
22	SMRUTHULA KRISHNA C U	I YEAR	BA Economics	[Signature]
23	SAIRA AYSHA BASHIR	I YEAR	BSc Psychology	[Signature]
24	SALVA	I YEAR	BSc Psychology	[Signature]
25	SANAM MALIK	I YEAR	BSc Psychology	[Signature]
26	SANDRA SATHEESAN	I YEAR	BSc Psychology	[Signature]
27	DHANISH AHMMED A K	I YEAR	BSc Maths	[Signature]
28	FAIROOSA B F	I YEAR	BSc Maths	[Signature]
29	FATHIMA FARSANA T M	I YEAR	BSc Maths	[Signature]
30	FAZMINA	I YEAR	BSc Maths	[Signature]
31	HANNA T R	I YEAR	BSc Maths	[Signature]
32	JASNA FATHIMA	I YEAR	BSc Maths	[Signature]
33	KAVITHA E H	I YEAR	BSc Maths	[Signature]
34	KEERTHANA E B	I YEAR	BSc Maths	[Signature]
35	SHANISA V S	I YEAR	BSc Botony	[Signature]
36	SUOSHEMA P S	I YEAR	BSc Botony	[Signature]
37	ANNA CELIN BEJOY	I YEAR	BSc Botony	[Signature]
38	MOHAMED SALIH V A	I YEAR	BSc Botony	[Signature]
39	RAHUL KRISHNA M A	I YEAR	BSc Botony	[Signature]
40	ROHIT KRISHNA V R	I YEAR	BSc Botony	[Signature]
41	SANDEEP KRISHNA V S	I YEAR	BSc Botony	[Signature]
42	ANNA CELIN BEJOY	I YEAR	BSc Botony	[Signature]
43	ARUNIMA T V	I YEAR	BSc Botony	[Signature]
44	AVINKRISHNA M V	I YEAR	BSc Botony	[Signature]

45	SANDEEP KRISHNA V S	I YEAR	BSc Botony	<i>Sandeep</i>
46	SHAHANIYAS	I YEAR	BSc Botony	<i>Shahaniyas</i>
47	FARISHA P Y	I YEAR	B.com finance	<i>Farisha</i>
48	FASNA C K	I YEAR	B.com finance	<i>Fasna</i>
49	AKSHAY P M	I YEAR	B.com finance	<i>Akshay</i>
50	ANANDAKRISHNAN M A	I YEAR	B.com finance	<i>Anandakrishnan</i>
51	ANANTHAKRISHNAN N S	I YEAR	B.com finance	<i>Ananthakrishnan</i>
52	ZHARA THASNIM	I YEAR	B.com finance	<i>Zhara</i>
53	SNEHA O S	I YEAR	B.com finance	<i>Sneha</i>
54	ASLAM ABDUL KAREEM	I YEAR	B.com CA	<i>Aslam</i>
55	ASMI BINDHI M S	I YEAR	B.com CA	<i>Asmi</i>
56	JASEEL JAMAL	I YEAR	B.com CA	<i>Jaseel</i>
57	MOHAMED NIYAZ N M	I YEAR	B.com CA	<i>Mohamed</i>
58	MOHAMED RAYEES V R	I YEAR	B.com CA	<i>Mohamed</i>
59	SEBIN A B	I YEAR	B.com CA	<i>Sebin</i>
60	SHAHANAS N H	I YEAR	B.com CA	<i>Shahanas</i>
61	HASNA O S	I YEAR	B.com cooperation	<i>Hasna</i>
62	JASNA P B	I YEAR	B.com cooperation	<i>Jasna</i>
63	JAYAKRISHNAN K	I YEAR	B.com cooperation	<i>Jayakrishnan</i>
64	SAHLA THASNIM T B	I YEAR	B.com cooperation	<i>Sahla</i>
65	SANDHRA MOL P S	I YEAR	B.com cooperation	<i>Sandhra</i>
66	NIMITHA P H	I YEAR	B.voc Tourism	<i>Nimitha</i>
67	RESHMA V T	I YEAR	B.voc Tourism	<i>Reshma</i>
68	THANSEEM V B	I YEAR	B.voc Tourism	<i>Thanseem</i>
69	UJJUAL SURESH KUMAR	I YEAR	B.voc Tourism	<i>Ujjual</i>
70	FARIS A R	I YEAR	B.voc Logistics	<i>Faris</i>
71	FIROS P B	I YEAR	B.voc Logistics	<i>Firos</i>
72	SREEDAS K H	I YEAR	B.voc fish processing	<i>Sreedas</i>
73	SRUTHI A B	I YEAR	B.voc fish processing	<i>Sruthi</i>
74	SUBIN K B	I YEAR	B.voc fish processing	<i>Subin</i>
75	RISHAN C M	I YEAR	B.voc digital film production	<i>Rishan</i>
76	HIMAJA	I YEAR	B.sc Aquacultue	<i>Himaja</i>
77	MEHJUBIN K	I YEAR	B.sc Aquacultue	<i>Mehjubin</i>
78	MOHAMED SALIH V A	I YEAR	B.sc Aquacultue	<i>Mohamed</i>
79	RAHUL KRISHNA M A	I YEAR	B.sc Aquacultue	<i>Rahul</i>
80	SWATHY KRISHNA M A	I YEAR	B.sc Aquacultue	<i>Swathy</i>
81	SWETHA E	I YEAR	B.sc Aquacultue	<i>Swetha</i>
82	AFSAL P	I YEAR	B.sc Aquacultue	<i>Afsal</i>
83	AISWARYA A M	I YEAR	B.sc Aquacultue	<i>Aiswarya</i>

Sheena

Sheena

Dr. Sheena P A, MPhil, PhD
Associate Professor
Department of Physics
M E S Asmabi College
P. Vemballur, Kodungallur

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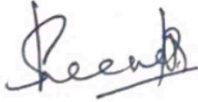
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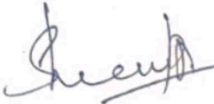
PG DEPARTMENT OF PHYSICS

Proposal for the certificate course 2018-2019

NON CONVENTIONAL ENERGY

Department :PG department of physics
Name of the course :certificate course in non conventional energy
Course code :MESACCC05
Name of the coordinator :Dr. SHEENA P A
Sheenakasim@gmail.com
9847654406
Head of the department :Dr. Sheena P A
Maximum no .of students :40
Duration of the course :30 hrs
Level :UG/PG
Teaching methodology :Direct method
Teaching aids :ppt,charts,models
Evaluation procedure : weekly test,final meq test after the course
Collaborating agency ,if any :Nil
Project ,assignment ,internship :assignment
Date of registration :1/08/2018
Tentative date of course completion:15/02/2019
Date of final exam :20/02/2019
Date of issue of certificate :25/02/2019
Course fee :500/-


Dr. Sheena P A, MPhil, PhD
Associate Professor
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Course syllabus

Certificate course in Non conventional energy

Objectives :

1. Understand the significance of non-conventional energy sources in addressing global energy challenges.
2. Differentiate between conventional and non-conventional energy sources, and explain the advantages and limitations of non-conventional energy.
3. Explain the principles of solar energy conversion and demonstrate knowledge of solar photovoltaic (PV) and solar thermal systems.

Module I

- 1. Introduction to Non-Conventional Energy (2 hours)
 - Definition and significance of non-conventional energy
 - Comparison with conventional energy sources
 - Renewable energy and its types

Module II

- 2. Solar Energy (6 hours)
 - Solar radiation and its measurement
 - Solar energy technologies: Photovoltaics (PV) and solar thermal
 - Solar PV systems: Components, working principles, and applications
 - Solar thermal systems: Types, working principles, and applications
 - Solar energy integration and storage technologies

Module III

- 3. Wind Energy (6 hours)
 - Wind energy basics: Wind formation, speed, and direction
 - Wind turbines: Types, components, and working principles
 - Wind energy conversion systems
 - Wind energy assessment and site selection
 - Grid integration and power management of wind farms

Module IV

- 4. Biomass Energy (4 hours)
 - Introduction to biomass as a renewable energy source
 - Biomass conversion technologies: Thermochemical and biochemical processes
 - Biomass resources and availability
 - Biogas production and utilization
 - Biomass power generation and cogeneration

Module V

- 5. Hydropower (4 hours)
 - Introduction to hydropower and its significance
 - Types of hydropower systems: Conventional and small-scale
 - Hydropower potential and site selection
 - Components of a hydropower system: Dams, turbines, and generators
 - Environmental and social considerations in hydropower

Module VI

- 6. Geothermal Energy (4 hours)
 - Geothermal energy basics: Earth's heat and geothermal resources
 - Geothermal power generation: Binary, flash, and dry steam systems
 - Geothermal heat pumps: Heating and cooling applications
 - Geothermal resource assessment and exploration
 - Environmental impacts and sustainability of geothermal energy

Module VII

- 7. Ocean Energy (4 hours)
 - Introduction to ocean energy: Tidal, wave, and ocean thermal energy conversion (OTEC)
 - Tidal energy generation and technologies
 - Wave energy conversion devices
 - OTEC systems: Working principles and challenges
 - Environmental considerations and future prospects

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CERTIFICATE COURSE IN NON CONVENTIONAL ENERGY

COURSE CODE :MESACCC05

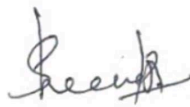
REPORT AND COURSE OUTCOME

The Department of Physics launched an exceptional certificate course on August 5th, 2018, attracting 83 enthusiastic students who actively participated in offline classes. The course spanned 30 hours and aimed to provide a comprehensive understanding of non conventional energy. To aid their preparation, a mock test was conducted, resulting in all students achieving impressive scores of 85% or above in the final examination. Those who maintained 85% attendance received certificates, acknowledging their dedication and commitment to the course.

Overall, the certificate course introduced by the Department of Physics in 2018 proved highly successful. It attracted a significant number of participants, facilitated interactive offline classes, and offered comprehensive instruction. The inclusion of a mock test helped students achieve exceptional results in the final examination. By recognizing the students' achievements with certificates, the department provided tangible recognition of their dedication to the course, fostering a dynamic and engaging learning environment for aspiring physicists.



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**Department of Botany
Certificate Course in Horticulture**

Department	: Department of Botany
Name of the Course	: Certificate Course in Horticulture
Course Code	: MESACCC06
Coordinator	: Dr Girija T P
Head of the Department	: Dr Asma V M
Maximum number of students	: 33
Duration of the course	: 30 hrs
Level	: UG/PG
Teaching Methodology	: Direct method

Certificate Course – Horticulture

List of Students - 2018 -19

Sl No	Name	Class	Signature
1	JINSIYA T A	I B.Sc Physics	Jansiya
2	MALAVIKA A	I B.Sc Physics	Malika
3	SURYA P S	I B.Sc Psychology	Surya
4	YASMIN K S	I B.Sc Psychology	Yasmin
5	SAFAMOL P A	I B.Sc Mathematics	Safamol
6	SANDHRA SAJEESH	I B.Sc Mathematics	Sandhra
7	ATHIRA K V	I B.Sc Botany	Athira
8	BEEGUM THASLEENA A K	I B.Sc Botany	Beequm
9	AKBAR SALIH R A	I B.Voc Tourisam and Hospitality Management	Akbar
10	AKHIL MOHAN	I B.Voc Tourisam and Hospitality Management	Akhil
11	NANDANA T S	I B.Voc Fish Processing Technology	Nandana
12	REJEENA K J	I B.Voc Fish Processing Technology	Rejeena
13	SUJITH P P	I B.Voc Digital Film Production	Sujith
14	VISHNU N B	I B.Voc Digital Film Production	Vishnu
15	FAHMITHA C F	II BCA	Fahmitha
16	FARSANA K S	II BCA	Farsana
17	FATHIMA K A	II BCA	Fathima
18	MUHSINABI T M	II BA Mass Communication	Muhsinabi
19	NASIYANAS P N	II BA Mass Communication	Nasiyanas
20	NIMSIIYA V N	II BA Mass Communication	Nimsiiya
21	HRIDYA BHARATHAN	II BA Economics	Hridya
22	JASMI P H	II BA Economics	Jasmi
23	MUNEERA C S	II B.Sc Physics	Muneera
24	NAWRAS P S	II B.Sc Physics	Nawras
25	ANUPAMA T S	II B.Sc Mathematics	Anupama
26	ARDRA M C	II B.Sc Mathematics	Ardra
27	FASNA M H	II B.Com Computer Application	Fasna
28	FATHIMA ABDUL RAHIM	II B.Com Computer Application	F. Rahim
29	HARIPRIYA E H	II B.Com Co operation	Haripriya
30	HARITHA M H	II B.Com Co operation	Haritha
31	AMRITHA K P	II B.Sc Aquaculture	Amritha
32	ANAGHA VENU	II B.Sc Aquaculture	Anagha
33	ANUMOL K P	II B.Sc Aquaculture	Anumol


 Head of Department
 Research & P.G. Department of Botany
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 Kerala - 680671


 Dr. GIRIJA, T. P.
 Assistant Professor & Research Guide
 Research & P.G. Department of Bot.
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 Kodungallur, Thrissur-680671, Kerala-19


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Research & PG Department of Botany

Certificate Course – Horticulture

MESACCC06

Department : Research and PG Department of Botany.

Name of the Course : Certificate Course in Horticulture

Course Code : MESACCC06

Name of the Coordinator : Dr Girija TP

9526570267, girijamanu@yahoo.in

Head of the Department : Dr. Asma VM

Maximum number of students : 33

Duration of the course : 30 hrs

Level : UG/PG

Teaching Methodology : Direct teaching, group discussions, Individual work,
practical's

Teaching aids : PPT, handouts and materials for practical demonstration
& videos


Curriculum


Objectives:


1. To enable the students to get knowledge about the techniques of horticulture.
2. To enable the students to acquire the basics skills of vegetative propagation.
3. To develop the practical knowledge of propagation methods.

Module I

Fundamentals of Horticulture, Growth and Development of Horticultural Crops
(3 Hours)


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Dr. GIRIJA. T. P.
Assistant Professor & Research Guide
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Kodungallur, Thrissur-680671, Kerala-India


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Module II

Temperate fruit and vegetable crops/ spices and condiments

(4 Hours)

Module III

Identification and description of tropical vegetable crops, Breeding of Horticultural Crops, Pest Management

(6 Hours)

Module IV

harvest handling and storage, Biotechnology of Horticultural Crops

(5 Hours)

Module V

Propagation common techniques, Budding, Layering Grafting – Applications

(3 Hours)

Module VI

Propagation techniques in selected crops

(3 Hours)

Module VII


Field Crop Production, Crop Protection and Seed Production


(3 Hours)


Module VIII

Various kinds of propagation

(3Hours)


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
Recommended reading

1. Arteca, Richard N. (2015). *Introduction to Horticultural Science* (2 ed.). Stamford, Connecticut: Cengage Learning. p. 584. [ISBN 978-1-111-31279-4](#)
2. Anick, Jules (1979). *Horticultural science*. p. 1. [ISBN 0-7167-1031-5](#). [OCLC 4194358](#)
3. Thompson, S.I. (1977) Women, Horticulture, and Society in Tropical America. *American Anthropologist*, N.S., 79: 908–10
4. Peter, K. V. (2009-02-05). *Basics Of Horticulture*. New India Publishing. [ISBN 978-81-89422-55-4](#)
5. Avinash Chandra Rai, ed. (2021). *Stress tolerance in horticultural crops: challenges and mitigation strategies*. Cambridge: Woodhead Publishing. [ISBN 978-0-323-85363-7](#). [OCLC 1251764903](#)

Evaluation procedure

- Examination
- Practical based test
- Assignment and Project


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Certificate Course – Horticulture


Report and Course Outcome


The certificate course Horticulture was started on 10/09/2018. As part of this certificate course, a total of 33 students from different streams were admitted, and all these students completed the course and qualified for certification. Both theory and practical sessions were used for the completion of the course. All the theory and practical classes were completed by January 10, 2019. The internal and external evaluations had been completed, and the results were published on March 10, 2019. A certificate of completion of the course was given to the qualified students.

Outcome of the course – students are familiarized with the principles and practices of propagation and nursery management for Horticultural Crops. Imparting knowledge about the climatic conditions, basic requirements for the growth and proper development of crops and also the harvest and post-harvest techniques, better adaptability and increase the economic values etc. This certificate Course helped the students to understand the various techniques related to horticultural crops. The most important course outcome is, it is a skill enhancing programme.

Details of the students enrolled


Sl No	Name	Class	Eligible for certification or not
1	JINSIYA T A	I B.Sc Physics	Qualified
2	MALAVIKA A	I B.Sc Physics	Qualified
3	SURYA P S	I B.Sc Psychology	Qualified
4	YASMIN K S	I B.Sc Psychology	Qualified
5	SAFAMOL P A	I B.Sc Mathematics	Qualified
6	SANDHRA SAJEESH	I B.Sc Mathematics	Qualified
7	ATHIRA K V	I B.Sc Botany	Qualified



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8	BEEGUM THASLEENA A K	I B.Sc Botany	Qualified
9	AKBAR SALIH R A	I B.Voc Tourisam and Hospitality Management	Qualified
10	AKHIL MOHAN	I B.Voc Tourisam and Hospitality Management	Qualified
11	NANDANA T S	I B.Voc Fish Processing Technology	Qualified
12	REJEENA K J	I B.Voc Fish Processing Technology	Qualified
13	SUJITH P P	I B.Voc Digital Film Production	Qualified
14	VISHNU N B	I B.Voc Digital Film Production	Qualified
15	FAHMITHA C F	II BCA	Qualified
16	FARSANA K S	II BCA	Qualified
17	FATHIMA K A	II BCA	Qualified
18	MUHSINABI T M	II BA Mass Communication	Qualified
19	NASIYANAS P N	II BA Mass Communication	Qualified
20	NIMSIYA V N	II BA Mass Communication	Qualified
21	HRIDYA BHARATHAN	II BA Economics	Qualified
22	JASMI P H	II BA Economics	Qualified
23	MUNEERA C S	II B.Sc Physics	Qualified
24	NAWRAS P S	II B.Sc Physics	Qualified
25	ANUPAMA T S	II B.Sc Mathematics	Qualified
26	ARDRA M C	II B.Sc Mathematics	Qualified
27	FASNA M H	II B.Com Computer Application	Qualified
28	FATHIMA ABDUL RAHIM	II B.Com Computer Application	Qualified
29	HARIPRIYA E H	II B.Com Co operation	Qualified
30	HARITHA M H	II B.Com Co operation	Qualified
31	AMRITHA K P	II B.Sc Aquaculture	Qualified
32	ANAGHA VENU	II B.Sc Aquaculture	Qualified
33	ANUMOL K P	II B.Sc Aquaculture	Qualified


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MES Asmabi College P Vemballur

PG Department of commerce and management studies

Certificate Course in national/International financial management

Academic year: 2018-19

Department	: PG Department of commerce
Name of the course	: Certificate Course in national/International financial management
Course code	: MESACC09
Co-ordinator	: Ramisha K C
Head Of the Department	: Shiji T S
Maximum number of students	: 50
Duration of course	: 40 hours
Level	: UG

MES Asmabi College P Vemballur

Department of commerce and management studies

MESACCC07..CERTIFICATE COURSE IN NATIONAL/INTERNATIONAL FINANCIAL MANAGEMENT

List of Students Entrolled

SI No	Name of the student	class	signature
1	ANZIYA MALIK	I B Com Finance	Anziya
2	ASHLY P B	I B Com Finance	Ashly
3	ASWIN M B	I B Com Finance	Aswin
4	ASWIN SURESH	I B Com Finance	Aswin
5	ATHULYA P A	IB Com Finance	Athulya
6	DIYA MOL	IB Com Finance	Diya
7	ANZIYA MALIK	L B Com Finance	Anziya
8	GOVIND M	IB Com Finance	Govind
9	HANNA T A	IB Com Finance	Hanna
10	HARIKRISHNAN K V	IB Com Finance	Hari
11	HARITHA P S	IB Com Finance	Haritha
12	JISNA E S	I B Com Finance	Jisna
13	KEERTHANA A L	I B Com Finance	Keerthana
14	MOHAMED RAMEEZ K S	I B Com Finance	Rameez
15	MOHAMMED SHAMIL B N	I B Com Finance	Shamil
16	MOHAMMED SHEHZAD K H	I B Com Finance	Shehzad
17	MOHAMMED THANVEER P A	I B Com Finance	Thanveer
18	MUHAMED ASHIK O R	I B Com Finance	Ashik
19	MUHAMMED FAHIS P H	I B Com Finance	Fahis
20	MUHSINA SIDDIQUE	I B Com Finance	Muhsina
21	GOVIND M	I B Com Finance	Govind
22	HANNA T A	I B Com Finance	Hanna
23	HARIKRISHNAN K V	I B Com Finance	Hari
24	MAJIDA C A	II BBA	Majida
25	MOHAMED ASLAH	II BBA	Aslah
26	MOHAMED HASHIL M S	II BBA	Hashil
27	MOHAMED RIZWAN	II BBA	Rizwan
28	MOHAMED SUNEER V S	II BBA	Suneer
29	MOHAMED YASIR O A	II BBA	Yasir
30	MOHAMMED ANAS K B	II BBA	Anas
31	MOHAMMED BASIL	II BBA	Basil
32	MOHAMMED FAJAR P A	II BBA	Fajar
33	MUHAMMED HAINAS N N	II BBA	Hainas
34	NABHAN SAIDU MOHAMED	II BBA	Nabhane
35	NABIL SHAFEER V S	II B	Nabil
36	ADHIL GAFOOR	II B COM CA	Adhil
37	AJMAL R J	II BCOM CA	Ajmal
38	ALBIN SEBASTIAN K N	II BCOM CA	Albin
39	ALMA SONA MARIYA V J	II BCOM CA	Alma
40	ALSHA P T	II BCOM CA	Alsha

Signature
Signature

Co-ordinator

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MES ASMABI COLLEGE P VEMBALLUR
PG DEPARTMENT OF COMMERCE AND MANAGEMENT
MESACCC07..CERTIFICATE COURSE IN
NATIONAL/INTERNATIONAL FINANCIAL MANAGEMENT

ACADEMIC YEAR : 2018-2019

CURRICULUM AND EVALUATION PROCEDURE

Course code : **MESACCC202019**

Coordinator : **RAMISHA K C**

Head of the department : **SHIJI TS**

Maximum number of students: **35**

Duration of the course : **40 HOURS**

Level of students: **UG**

Teaching methodology : **CLASS ROOM TEACHING**

Teaching aids : **ppt ,pdf**

CURRICULUM

Objectives

1. To understand the basic concepts of financial management
2. To provide necessary skill sets to create a successful financial plan in real life situations

SYLLABUS

Module 1 : Introduction to financial management-Defintion-importance-objectives of financial managment-role of financial manager-profit maximisation v/s wealth maximisation-value maximisation

Module 2 : **Financial decision making-areas of financial decision making-investment decision-financing decision-dividend decision**


Module 3 : International financial management-introduction –sources of finance-financial markets-financial instruments in international financial markets.

Evaluation procedure

1. Module wise exam
2. Module wise assignments

Co-ordinator


Ramisha.K.C


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HOD

Shiji.T.S.



MES Asmabi College P Vemballur
Department of commerce and management studies

COURSE CODE: MESACC09

Certificate Course in national/International financial management

SECTION A

Answer any all questions each carries 4 marks

- 1) Define Capital structure.
- 2) What is Net income approach.
- 3) Write a note on operating cycle concept of working capital.
- 4) What is cost of retained earnings?
- 5) What is dividend decision?

5*4=20 marks

SECTION B

Answer any one questions; which carries 10 mark

- 6) What are the factors influencing working capital management?
- 7) Explain the functions of financial management.

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HOD
Shijith
SHIJITHS



Co-ordinator

ra KTC

MES ASMABI COLLEGE P VEMBALLUR
PG DEPARTMENT OF COMMERCE AND MANAGEMENT


**CERTIFICATE COURSE IN NATIONAL/INTERNATIONAL FINANCIAL
MANAGEMENT**

Report and course outcome

The certificate course in **NATIONAL/INTERNATIONAL FINANCIAL MANAGEMENT** started on 9/7/2018 .There are 35 students were enrolled. Students of both second year and third year students were enrolled.75 % of the syllabus were arranged in practical session. And also majority of the classes are arranged in the evening after regular classes.40hours were scheduled for this course. Monthly test can be conducted at the end of every month.. pair work and group work were given .After 40 hours more than 90 % of the student got above 80% score in final test .certificate were distributed to all of the 13 students as they secure above 80% attendance as required by the course. This course helps the students to get an idea regarding financial management and how to prepare a financial plan.and also to get personal growth .


SHIJI.T.S


Ramisha.k.c


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MES Asmabi College, P Vemballur
Department of Economics
Certificate Course in Environmental Economics 2018-19

Department. : Economics
Name of the Course : Certificate Course in Environmental Economics
Course Code : ACCC08
Name of the Coordinator : Shanilkumar Ayyappan,
9497249615,shanil156@gmail.com

Head of the Department : Smt.Jeena P M
Maximum number of students : 46
Duration of the course : 31 hrs
Level : UG/PG
Teaching Methodology : Direct Method
Teaching aids : PPT & Handouts






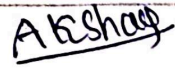




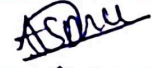



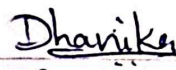


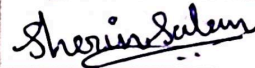

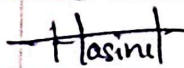
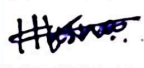

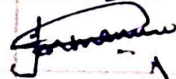
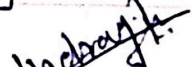
MES ASMABI COLLEGE.P VEMBALLUR

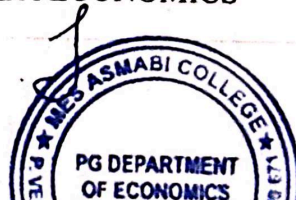
DEPARTMENT OF ECONOMICS

CERTIFICATE COURSE ON ENVIRONMENTAL ECONOMICS

COURSE CODE: MESACCC08, 2018-2019

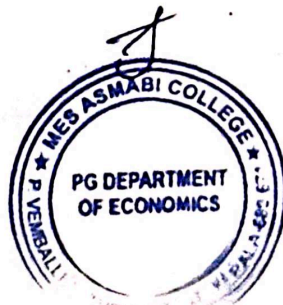
LIST OF STUDENTS ENROLLED

Sl:NO	Name of the student	Class	Signature
1	ABDUL AZEEZ K H	I BA ECONOMICS	
2	AFITHA V S	I BA ECONOMICS	
3	AKHILRAJ M J	I BA ECONOMICS	
4	AKSHAYKUMAR K G	I BA ECONOMICS	
5	ANAS K S	I BA ECONOMICS	
6	ANJALIKRISHNA K B	I BA ECONOMICS	
7	ANSIYA U A	I BA ECONOMICS	
8	ARCHANA S NAIR	I BA ECONOMICS	
9	ASMA A A	I BA ECONOMICS	
10	ASWATHY M S	I BA ECONOMICS	
11	BHAVYA DAS P S	I BA ECONOMICS	
12	DEVIKA RAJ K R	I BA ECONOMICS	
13	DHANIKA E T	I BA ECONOMICS	
14	SWETHIKA K G	I BA ECONOMICS	
15	FASNA K I	I BA ECONOMICS	
16	FASNA SHERIN K SALIM	I BA ECONOMICS	
17	FATHIMA NOURIN	I BA ECONOMICS	
18	HASHNA M A	I BA ECONOMICS	
19	HUSNA K M	I BA ECONOMICS	
20	HUSNA M H	I BA ECONOMICS	
21	IMMANUEL M L	I BA ECONOMICS	
22	INDRAJA K J	I BA ECONOMICS	



23	JUSAINA K J	I BA ECONOMICS	<u>Jusaina</u>
24	KRISHNA PRIYA A U	I BA ECONOMICS	<u>Krishna</u>
25	MUBEENA K N	I BA ECONOMICS	<u>Mubeena</u>
26	MUNJIYA T M	I BA ECONOMICS	<u>Munjiya</u>
27	NANDANA K S	I BA ECONOMICS	<u>Nandana</u>
28	NAVEENA NOURIN K A	I BA ECONOMICS	<u>Naveena</u>
29	NAZIYA NAZEER M N	I BA ECONOMICS	<u>Naziya</u>
30	NEELIMA V A	I BA ECONOMICS	<u>Neelima</u>
31	NIGITHA C S	I BA ECONOMICS	<u>Nigitha</u>
32	NITHIN RAJ M R	I BA ECONOMICS	<u>Nithin</u>
33	PRABITHA K B	I BA ECONOMICS	<u>Prabitha</u>
34	RAHIYANATH V A	I BA ECONOMICS	<u>Rahiyath</u>
35	RAMINSHA C M	I BA ECONOMICS	<u>Raminsha</u>
36	REMYA K R	I BA ECONOMICS	<u>Remya</u>
37	SHAFNA P K	I BA ECONOMICS	<u>Shafna</u>
38	SHAFNA P S	I BA ECONOMICS	<u>Shafna</u>
39	E B RISHIHARI	I BBA	<u>Eshihari</u>
40	FEBINA K N	I BBA	<u>Febina</u>
41	GOPIND I S	I BBA	<u>Gopinath</u>
42	HASHIM MOHAMED M M	I BBA	<u>Hashim</u>
43	HUSNA M S	I BBA	<u>Husna</u>
44	K A MUHAMED NABHAN	I BBA	<u>M. Nabhan</u>
45	MAJIDA C A	I BBA	<u>Majida</u>
46	MOHAMED ASLAH	I BBA	<u>Aslah</u>

MD.
Shanilkumar Ayyappan.



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MES ASMABI COLLEGE, P. VEMBALLUR

THE DEPARTMENT OF ECONOMICS

Certificate Course on Environmental Economics

2018-19

Total hrs :31 .

COURSE DESCRIPTION

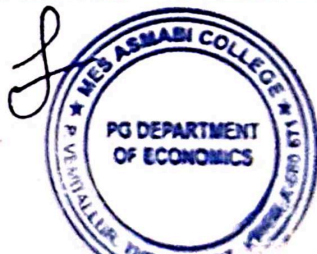
This course is an introduction to an economics perspective of environmental systems and their problems, with special attention to the use, misuse, and overuse of natural and environmental resources. The first part of the course will develop appropriate economic concepts, models, and tools for analyzing environmental and natural resource issues and problems. The second part of the course will deal with demography and dividend, including the efficient use of exhaustible and renewable resources and the control of pollution locally, nationally, and internationally.

Throughout the course we consider the separate and complementary roles of markets and governments in allocating and regulating the use of environmental and natural resources. Our society faces increasing challenges in sustainably managing environmental and natural resources. Policy making at various levels has become more contentious when it comes to dealing with environment. Economics offers diverse insights in efficiently managing scarce resources. This course is designed to familiarize students with economics tools and techniques that are used in managing environmental and natural resources. The class will help you to understand the economic and social justifications for various environmental policy approaches made at different levels.

COURSE OBJECTIVES

Students will be able to:

1. know the applications of economic principles in managing natural resources and the environment
2. understand the competing demands for our limited natural resources and need for best management practices for allocating, managing, and protecting the environment
3. develop the analytical skills that will enable students to critically evaluate diverse policy measures influencing environmental and natural resource management



SYLLUBUS

WEEK 1. (5 hrs)

Economics and the Environment: Introduction

What is Environmental Economics?

Public Good—Environment as a public good

Review of microeconomic principles and introduction to environment efficiency.

WEEK 2. (5 hrs)

Economic Efficiency and Markets, Market Failure

The Economics of Environmental Quality—Coase Theorem

Week 3 (5 hrs)

Frameworks of Analysis

Environmental Analysis

Cost Benefit Analysis-----Compensation Criterion

Week 4 (5 hrs)

Economics of Environmental Goods

Demand and Supply of Environmental Goods

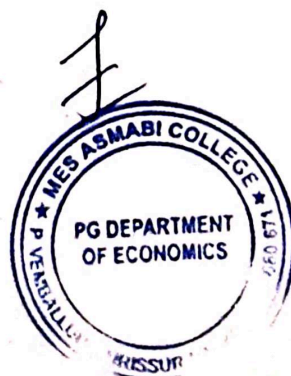
Environmental Degradation

Week 5 (4 hrs)

Water Pollution

Air Pollution

Noise Pollution



State and Local Environmental Issues,

Week 6(4 hrs)

ENVIRONMENTAL POLICY ANALYSIS

Criteria and Strategies

Criteria for Evaluating Environmental Policies,

Decentralized Policies: Liability Laws, Property Rights, Moral Suasion

Week 7(3 hrs)

Criteria for Evaluating Environmental Policy

Decentralized Policies, Liability Laws, Property Rights and Voluntary Action

ms
Shanikumar Arappan.



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DEPARTMENT OF ECONOMICS
CERTIFICATE COURSE ON ENVIRONMENTAL ECONOMICS
COURSE CODE: MESACCC08, 2018-2019
REPORT AND COURSE CODE

The certificate course introduced by the department of Economics was started on 1/10/2018. There were almost 46 students as the participants and classes were given offline. This course aims to provide a comprehensive introduction to the economic analysis of issues arising from the human interaction on the natural environment. It focuses on the eco system services and the challenges arising due to externalities, public good character and non excludability of such services. The course include 31 hours of class, mock test was also conducted by the department which helped the students to attain good marks in the final test. Certificate was also distributed to the students as they secured 90% attendance as required by the course. After the completion of the course the learners got understand about the various approaches and methods developed for valuing environmental goods and services.

ms
Shanilkumar Arappan



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KODUNGALLUR - 600 011

MES ASMABI COLLEGE, P.VEMBALLUR

PG DEPARTMENT OF COMMERCE & MANAGEMENT STUDIES

Certificate course in E – Commerce 2018-2019

Details of the Programme

Department: PG Department of commerce and Management studies

Name of the Course: E – Commerce

Course Code : MESACCC09

Coordinator: Krishnapriya.M

Head of the Department : SHIJI T S

Maximum number of students : 52



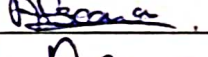


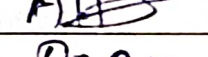
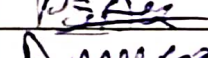
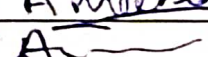
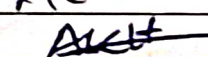

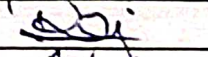
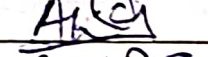
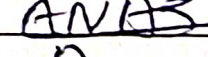
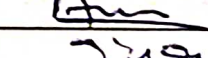
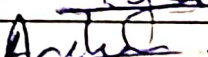
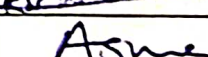
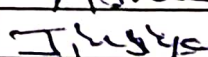
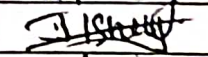
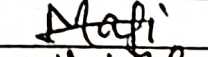
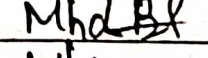

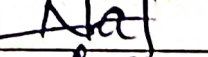

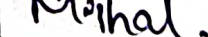


Duration of the course : 33 hours

Level : UG/PG

MES ASMABI COLLEGE, P.VEMBALLUR

Certificate course in E – commerce 2018-2019 (B.com finance)

List of students enrolled

SL NO	Name	Class	Signature
1.	ADHIL P N	1st Year BA MASS	
2.	ADIL MOHAMED	1st Year BA MASS	
3.	AFSEENA U A	1st Year BA MASS	
4.	AGNI A A	1st Year BA MASS	
5.	AJESH C J	1st Year BA MASS	
6.	AJMALHUSSAIN SHAJAHAN	1st Year BA MASS	
7.	AKSHAY P S	1st Year BA MASS	
8.	AMEENA FYRUS	1st Year BA MASS	
9.	AMEER ASLAM	1st Year BA MASS	
10.	ABDUL AZEEZ K H	1st BA Economics	
11.	AFITHA V S	1st BA Economics	
12.	AKHILRAJ M J	1st BA Economics	
13.	AKSHAYKUMAR K G	1st BA Economics	
14.	ANAS K S	1st BA Economics	
15.	ANJALIKRISHNA K B	1st BA Economics	
16.	ANSIYA U A	1st BA Economics	
17.	ARCHANA S NAIR	1st BA Economics	
18.	ASMA A A	1st BA Economics	
19.	ASWATHY M S	1st BA Economics	
20.	JINSIYA T A	1st BSc Psychology	
21.	MAFITHA M M	1st BSc Psychology	
22.	MOHAMED BILAL	1st BSc Psychology	
23.	MOHSINA T M	1st BSc Psychology	
24.	NAFEESATHUL KALIMA M N	1st BSc Psychology	
25.	NAFEESATHUL MISRIYA	1st BSc Psychology	
26.	NIHAL C M	1st BSc Psychology	

27.	NOUFIRA M N	1st BSc Psychology	Noufi
28.	RAEESA P M	1st BSc Psychology	Raees
29.	RINAAS K M	1st BSc Psychology	RINADS.
30.	ABHISHEK N S	1st BSc Physics	Abhi
31.	ADEEB SABIR P A	1st BSc Physics	Adhi
32.	ADHUL SURESH P S	1st BSc Physics	Adhul
33.	AKHINA V S	1st BSc Physics	Akhi
34.	ALEENA N S	1st BSc Physics	Ans
35.	ANJU E A	1st BSc Physics	Anju
36.	ANN THERESA P J	1st BSc Physics	Anthe
37.	ANUPAM KRISHNA T	1st BSc Physics	Anupam
38.	ARANDU DAS V R	1st BSc Physics	ARD
39.	ASHITHA LAKSHMI N S	1st BSc Physics	Lakshmi
40.	ASWANI K GANESH	1st BSc Physics	Aswani
41.	ADITHYA N P	1st BSc Maths	Adithya
42.	ALEENA P U	1st BSc Maths	Aleena
43.	AMAL K M	1st BSc Maths	Amal
44.	ANU K R	1st BSc Maths	Anu
45.	ARDRA ANILKUMAR	1st BSc Maths	Ardra
46.	ASHIK O S	1st BSc Maths	OSI
47.	ASHNA I M	1st BSc Maths	ASHNI
48.	ASWATHY A S	1st BSc Maths	Aswathy
49.	ASWATHYKRISHNA V S	1st BSc Maths	AK
50.	ATHIRA M S	1st BSc Maths	ATHI
51.	MOHAMED SAHAD K U	1st Bvoc THM	SAHAD
52.	MOHAMED YASEEN M A	1st Bvoc THM	Yaseen

KMP

KRISHNAPRIYA M.
Assistant Professor
P.G. Department of Commerce
Sri Asmabi College, P. Vemballur
Kodungallur, Thrissur-680 671, Kerala-India

Shijith
SHIJITH.S

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MES ASMABI COLLEGE, P.VEMBALLUR

PG DEPARTMENT OF COMMERCE & MANAGEMENT STUDIES

Certificate course in E – Commerce 2018-2019

Curriculum and Evaluation Procedure

Department: PG Department of commerce and Management studies

Name of the Course: E – Commerce

Course Code : MESACCC09

Coordinator: Krishnapriya.M

Head of the Department : SHIJI T S

Maximum number of students : 52

Duration of the course : 33 hours

Level : UG/PG

Teaching Methodology : Direct method, Group discussions

Teaching aids : PPT, Handouts&Videos

KRISHNAPRIYA M.
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Kodungallur, Thrissur-680 671, Kerala-India

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Curriculum

Objectives:

- > To enable the students to understand basics of E- Commerce.
- > To Gain a practical orientation to E-Commerce and E- Business management.

Module I

Introduction to E-Commerce: Meaning and concept - E-Commerce v/s Traditional Commerce - E-Business &. E-Commerce - History of E- Commerce - EDI - Importance, features & benefits of E-Commerce - Impacts, challenges & limitations of E-Commerce -Supply chain management & E-Commerce - E- Commerce infrastructure - Business Models of E - Commerce: Business to business - Business to customers -customers to customers – Business to government - Business to employee - E - Commerce strategy - Influencing factors of successful E- Commerce. (11 Hours)

Module II

Electronic Payment System: Introduction - Online payment systems - prepaid and postpaid payment systems - E-cash - E- cheque - Smart card - Credit card - Debit card -Electronic purse - Security issues on electronic payment system - Solutions to security issues - Biometrics - Types of biometrics. (11 Hours)

Module III


Marketing Strategies & E - Commerce: Website - Components of website - Concept & designing website for E- Commerce - Corporate website - Portal - Search Engine – Internet advertising - Emergence of the internet as a competitive advertising media - Models of internet advertising - Weakness in internet advertising. (11 Hours)

Reference Books:

1. Turban, Efraim, David King et. el.: Electronic Commerce: A Managerial Perspective, Pearson Education Asia, Delhi.
2. Kalakota, Ravi: Frontiers of Electronic Commerce, Addison - Wesley, Delhi.
3. Rayport, Jeffrey F and Jaworksi. Bernard J: Introduction to E-Commerce, Tata McGraw- Hill
4. Smantha Shurety,: E-Business with Net Commerce, Addison - Wesley, Singapore.
5. Rich, Jason R: Stalling an E-Commerce Business, IDG Books, Delhi.

Evaluation procedure

Diagnostic test in the beginning of the course mock tests and Final MCQ test.


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Certificate course in E – Commerce 2018-2019

Report and course outcome

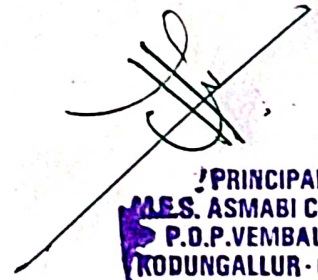
The certificate course E – Commerce was inaugurated on 29th August 2018. Sessions were conducted in room no.205 near the PG Department of commerce and management studies. All the 52 students got above 80% attendance. A diagnostic test was Conducted on the first day of the course. Majority of the students were not able to perform well in the test. Mock test conducted at the end of each week helped the students to appear for the final test. 54 % of the

students secured 90% marks and secured A+ grade. The rest of the 46% scored above 80% marks and secured A grade. The feedback of the course emphasises the fact that the learners were able to understand the e-commerce related terms.



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