

# CRITERIA-1 CURRICULAR ASPECTS

# 1.2.1: Certificate Course - Summary Reports and Certificates

2019-20

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8	Structured cabling techniques for Network	Electronics

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# قسم اللغة العربية وآدابها DEPARTMENT OF ARABIC W.M.O ARTS & SCIENCE COLLEGE

(Affiliated to University of Calicut)

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 P.o. Muttil, Wayanad, Kerala - India, 673 122

## "Education and some more"

**Dr. Najmuddeen P.**, M.Phil, Ph.D. Assistant Professor & Head, Research Guide,R.U.A College, Farook, University of Calicut 9947786664, najmuwmo@gmail.com Shaila K.H. M.A., B.Ed. Assistant Professor 9947 176764 saailakh@gmail.com **Dr. Yoosuf Nadwi**, M.A., Ph.D Assistant Professor & Research Guide,R.U.A College, Farook, University of Calicut 9387806050 dr.ymnadwi@gmail.com Dr. Muhammed Sayeed M.K. M.A., Ph.D Assistant Professor 8281846575 msayeedmk@gmail.com

## 5. Summary Report

SI. No	Academic Year	Name of Course	Duration of the Course	Course Coordinator	No. Enrolled Students	No. of Qualified Students
1	2019-20	Basic Communication Skills in Arabic	30 Hours	Asil Kalathingal	50	50

The Certificate Course on Basic Communication Skills in Arabic designed to improve language and Communication Skills among the Students. The Course was conducted from 01.07.2019 to 24.02.2020. Faculty Members of the Department Served as Resource Persons.30 Sessions were Conducted. 50 Students Successfully Completed the Course and given Certificates. It is helpful for Students to acquire Basic Knowledge in Communicative Arabic and also familiar them to understand the elementary Components of Arabic Language.

AsiL

Course Coordinator

Asil Kalathingal

Dr. Najmuddeen. P

HoD



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**Dr. Yoosuf Nadwi**, M.A., Ph.D Assistant Professor & Research Guide,R.U.A College, Farook, University of Calicut 9387806050 dr.ymnadwi@gmail.com Dr. Muhammed Sayeed M.K. M.A., Ph.D Assistant Professor 8281846575 msayeedmk@gmail.com

## 6. Samples of Certificates







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Dr. Muhammed Sayeed M.K. M.A., Ph.D Assistant Professor 8281846575 msayeedmk@gmail.com

## 5. Summary Report

SI. No	Academic Year	Name of Course	Duration of the Course	Course Coordinator	No. Enrolled Students	No. of Qualified Students
1	2019-20	Arabic Translation	30 Hours	Muhammed Sayeed MK	50	45

This course designed to ensure that, graduates who pass out after completing this course would have knowledge, skills and aptitude for gainful employment in translation Fields, the wage sector in Arabian Gulf countries and for self-employment. As Arabic is an International language, the non-Arabic learning students can also take benefit from this course. The Course was conducted from 08.11.2019 to 13.04.2020. Faculty Members of the Department Served as Resource Persons.30 Sessions were Conducted. 45 Students Successfully Completed the Course and given Certificates.

Smyd

Mr. Muhammed Sayeed MK

Course Coordinator

Thez -

Dr. Najmuddeen. P

HoD



# قسم اللغة العربية وآدابها

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## 6. Samples of Certificates







# DEPARTMENT OF COMMERCE (COMPUTER APPLICATION) WMO ARTS & SCIENCE COLLEGE

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# Report on Certificate Course

Goods and Service Tax (GST)

Academic Year: 2019-2020

The course was designed to impart knowledge regarding concepts of Goods and Service Tax (GST). This course helped the students to manage and prepare accounts for taxation purposes. The course was designed to complete in 30 hours. The course has benefited 50 students from the final year batch. All the students got certificates after the successful completion of the course.

Sebrohin Malhir DEPARTMENT OF COMMERCE (Computer Application) WMO Art & Science College Muttil



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Has Successfully Completed a Course on at Kalpetta in Coucles and was a solution.

comprehensive Tax Solution

A Comprehensive Tax Solution

He/she has secured ......

Has Successfully Completed a Course on...
at Kalpetta in Marketta & Marketta

Hereby Certifies that Shawin Sahmon....



## DEPARTMENT OF CHEMISTRY

### CERTIFICATE COURSE ON

## DETERGENTS AND HAND SANITIZER MAKING

### SUMMARY REPORT

Academic year: 2019-20

No. of Hours: 30

Course Co-ordinator: Dr. Thomas Thevara

Department of Chemistry of WMO Arts and Science College, Muttil conducted a certificate course on the topic "Detergents and Hand sanitizer making". The course started from 13th January 2020 to 31st January 2020, 22 students participated in the programme. Dr. Thomas Thevara handled the session. The content of the course includes theory sessions on pharmaceutical chemistry and analytical chemistry and practical session on the process of making soap, detergents, hand wash and hand sanitizer. Participants have undergone the training with great enthusiasm. Finally, we evaluated the participants' using a practical test. All the participants have been granted certificates for the course.

### Course Outcome

- Understand the role of chemistry in service of humanity
- Understand the manufacturing processes of soap, detergents, hand wash, and hand sanitizers
- Understand the principles of drug discovery and development, and pharmaceutical analytical techniques
- Analyze chemical samples using various analytical techniques
- Understand the importance of sustainability and quality control in chemical manufacturing and analysis.

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# CERTIFICATE

This is to certify that Mr./Ms.

RISWANA THASNIM

has successfully completed the Certificate course on

Detergents and Hand Sanitizer Making

Conducted by the Department of

Chemistry

Course Coordinator



Principal



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# CERTIFICATE

This is to certify that Mr./Ms.

DHANISHA SALIM

has successfully completed the Certificate course on

Deligents enel Hanel Sanitizes Making

Conducted by the Department of

Chemisky

From-13/01/2020---to---31/01/2020

Course Coordinator



HOD

Principal



# PG Department of Commerce WMO Arts & Science College, Muttil

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## CERTIFICATE COURSE ON E-BANKING

# **Summary Report**

**Academic year – 2019-2020** 

**Number of Hours: 30** 

Course Co-ordinator: Mahmood Aslam.K

Certificate course on e- banking was designed to help the students to access banking service on the web. Participants learned to login into their bank account and do various financial activities over internet. Students are able to identify and prevent various fraudulent activities arising in the digital world.

The course was conducted from 15/11/2019 to 31/03/2020. The faculty members in the department of commerce served as resource person. 22 session were conducted offline at third B.com class room. 8 sessions were conducted using the online platform google meet. Fifty students – who successfully completed the course, were given certificate. The students got practical experience on various E banking transactions and all the participants became able to apply electronic banking facilities to real life situation.

Class time: 3.30 to 5 (offline)

Online 1 Hour session

## **Course Outcome**

- > It provides basic knowledge about e- banking facilities
- ➤ It provides knowledge about the use of various e- banking Services
- > Students are able to apply e- banking facilities to real life situations

**Course Co-ordinator** 

Head

Mahmood Aslam.K

**PG** Department of Commerce



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# PG Department of Commerce WMO Arts & Science College, Muttil

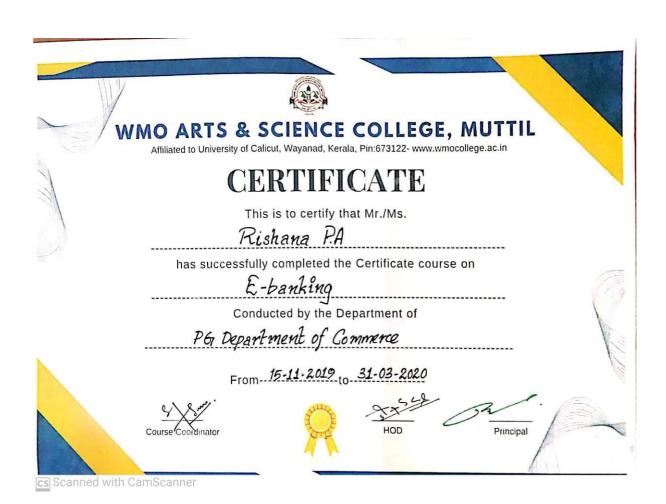
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## DEPARTMENT OF COMPUTER SCIENCE WMO ARTS & SCIENCE COLLEGE, MUTTIL

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# Certificate course on Hardware assembling and software Installation

Academic Year :2019-2020

Number of Hours:30

Course coordinator: Johnson A J

Summary Report

The course on hardware assembling and installation was conducted from 10/08/2019 to 25/09/2019. Number of students participated in the course was 68. The students completed the course successfully. The review was taken from the students at the end.

## Course outcomes

- Understanding computer hardware components: Students will be able to identify and explain the various hardware components that make up a computer system, such as the CPU, motherboard, RAM, storage devices, graphics cards, and peripherals.
- Hardware assembly and disassembly: Students should be able to assemble and disassemble a computer system correctly, including connecting cables, installing components, and configuring the system.
- Troubleshooting hardware issues: Students will learn how to diagnose and resolve common hardware problems that may arise in a computer system, such as issues with the power supply, memory, or graphics.
- Hardware maintenance and upgrades: Students should understand the importance of regular hardware maintenance, including cleaning, updating drivers, and performing upgrades to improve system performance.
- Compatibility and component selection: Students will gain the knowledge to select compatible hardware components for a computer build based on specific requirements and budget constraints.

Course coordinator:

Johnson A.J

Head Of The Department:

ASSO, PROFESSOR
Dept. of Computer Science
WMO, Arts & Science College
Muttil. P.O., Wayanad - 673 122





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# CERTIFICATE

OF APPRECIATION

This is to Certify that Mr./<del>Ms</del>.

Chamir Huspain Has successfully completed the Certificate course on \_ Hardware of exembling and Installation Conducted by the Department of

Computer ocience

From 10/8/2019 to 25/9/2019

COURSE COORDINATOR

HEAD OF THE DEPARTMENT

Manage A Chini



# DEPARTMENT OF ELECTRONICS WMO ARTS & SCIENCE COLLEGE

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## Certificate course on House wiring Techniques

## **Summary Report**

Academic year: 2019-20

No of Hours 30 hrs

Course Coordinator: Abdul Rasheed

The Department of Electronics offered a certificate course on House wiring techniques from 8th November 2019 to 30th November 2019. The 30-hour course, co-ordinated by Abdul Rasheed, Assistant Professor, attracted a total of 20 participants from BSc Electronics. The course provided a basic understanding of Electrical wiring and equipment's handling techniques and practical skills in Maintenance of electrical wiring problems in the normal life. Participants gained valuable knowledge in house wiring and safety measures on single phase electrical wiring. Overall, the course successfully equipped the 20 participants with essential ideas and awareness on the electrical wiring and precautions on electrical wiring and maintenance.

The twenty students Participated actively and completed all the activities related to the course were given certificates.

Course coordinator : Abdul Rashe

Head Of the Department: Siby Joseph

Associate Professor/HOD
Department of Electronics
WMO Arts & Science College
Muttil P.O., Wayanad - 673122



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# CERTIFICATE



THIS IS TO CERTIFY THAT DR/MR/MS

AMRUTHA HS



Has successfully completed the Certificate course on

\_ Structured\_ Cabbing Techniques for Network\_ Conducted by the bepartment of

- Kleetranies

From\_ JD:10:19\_\_\_\_ to\_ 21:10:19\_\_\_

HEAD OF THE DEPARTMENT

COURSE COORDINATOR

PRINCIPAL



# DEPARTMENT OF ELECTRONICS WMO ARTS & SCIENCE COLLEGE

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# Certificate course on Structured Cabling Techniques

## **Summary Report**

Academic year: 2019-20

No of Hours 30 hrs

Course Coordinator: Abdul Rasheed

The Department of Electronics offered a certificate course on Structured Cabling Techniques on 10<sup>th</sup> October 2019 to 21<sup>st</sup> October 2019. The 30-hour course, co-ordinated by Abdul Rasheed, Assistant Professor, attracted a total of 20 participants from BSc Electronics. The course provided a basic understanding of data cabling and computer handling techniques and practical skills in Maintenance of computer related problems in the offices. Participants gained valuable knowledge in Computer data cabling and maintenance of network/Internet issues. Overall, the course successfully equipped the 20 participants with essential ideas and awareness on maintenance of the Network and computer related problems especially in cabling network and internet issues.

The twenty students Participated actively and completed all the activities related to the course were given certificates.

Course coordinator

: Abdul Rasheed

Head Of the Department: Siby Joseph

Associate Professor/HOD
Department of Electronics
WMO Arts & Science College
Muttil P.O., Wayanad - 673122



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# CERTIFICATE





THIS IS TO CERTIFY THAT DR/MR/MS

AMRUTHA HS



Has successfully completed the Certificate course on

-- Structured - Cabling Techniques for Network ----

\_\_\_ Kleckronies\_\_\_\_

From\_J0:10:19\_\_\_\_ to\_21:10:19\_\_\_

COURSE COORDINATOR

HEAD OF THE DEPARTMENT

PRINCIPAL



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# CERTIFICAT







THIS IS TO CERTIFY THAT DR/MR/MS

ASEM ANJUM



Has successfully completed the Certificate course on

Electrical\_ Equipment Maintanence \_\_\_

\_\_\_Cledring\_\_\_\_\_

From D8: 11: 19\_

\_ to\_30: U.19\_\_\_\_

PRINCIPAL

COURSE COORDINATOR

HEAD OF THE DEPARTMENT

# SUMMARY REPORT (2018-19)



# **DEPARTMENT OF ENGLISH**

Department of English conducted certificate course on communicative English for the first-year degree students of the college. A total number of 30 classes were conducted during the academic year 2018-19.

degree students of the college. A total number of 30 classes were conducted during the academic year. The course covered different aspects of communication and it also aimed to improve the communication skills of the respective students.

The course also provided special training for the students in English grammar. The program was successful in achieving the following outcomes

- Improved communicative skills.
- Has given better understanding of English grammar.
- Improved the reading comprehension and writing skill.
- Gained confidence to speak in English.

Total number of students benefited from the course. After the successful completion of the course certificates were issued to the students.

Course co-ordinator

Noufal Muneer

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# DEPARTMENT OF ENGLISH WMO ARTS & SCIENCE COLLEGE

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# **DEPARTMENT OF MASS COMMUNICATION AND JOURNALISM**



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# Certificate Course 2019 -20 VIDEO EDITING

## **Summary Report of the course**

Academic year :2019-20

No. of Hours: 30

Course Coordinator: Aswin

Certificate course on Video Editing is conducted in the 2020-21 academic year especially for 2018-2020 batch in their 6th semester from **12/11/2019** to **08/01/2020** on the basis of the paper Television production & Cinema. Apart from theory , the certificate course is intended to give basic practical knowledge on video shooting and editing. Understanding the most modern camera and editing tools.

42 students actively participated in the program.

### Course Outcome

- Basic knowledge on Videography
- Understanding the Editing Software and Tools
- Practical idea on DSLR (Camera)
- Understanding Shot Scene and Scripting
- Song choreography and Visual element
- Arranging the shots and Visual composition
- Online tools for video editing
- Social Media Content Creating

Greeshma John MJ Course Coordinator

Anu Ann Varghese Head of the Department



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# **CERTIFICATE**

This is to certify that Mr./Ms.	
THEJALAKSHMI . M	
has successfully completed the Certificate course on	
Conducted by the Department of  NASS COMMUNICATION AND JOURNALISM	
From-12-11-2019-to-08-01-2020	
Course Coordinator HOD F	Principal



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# **CERTIFICATE**

	This is to certify th	at Mr./Ms.	
	AKSHAYK	UMAR	
has succ	cessfully completed the	Certificate course	on
	VIDEO EDITIN	[6]	
., ()	Conducted by the De		
Y ASS CON	MMUNICATION AN	D JOURNALIS	<u>'M</u>
	From-12:11:2019to-	08.01.2020	
Course Coordinator		HOD	Principal

# DEPARTMENT OF MASS COMMUNICATION AND JOURNALISM



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# Certificate Course 2019 -20 PAGE MAKEUP- INDESIGN

## **Summary Report of the course**

Academic year: 2019-20

No. of Hours: 25

Course Coordinator: GREESHMA JOHN

Certificate course on Video Editing is conducted in the 2018-19 academic year especially for 2016-2019 and 2017-20 batch in their 4th semester from 15/11/2019 to 02/01/2020 on the basis of the Design and Pagination Apart from theory , the certificate course is intended to give basic practical knowledge on page design and layout making . Understanding layout software called adobe Indesign

25 students actively participated in the program.

## **Course Outcome**

- Basic knowledge Newspaper and Magazine
- Understanding the Design Softwares and Tools
- Page designing and color sense
- Dummy preparation
- Magazine page design
- Newspaper Supplementary page design

Greeshma John MJ Course Coordinator Anu Ann Varghese Head of the Department



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# **CERTIFICATE**

From 15.11.2019 to 02-01.2020

Course Coordinator

Greeshma John MJ

Q

**HOD** Anu Ann Varghese Principal

TP Muhammed Fareed



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# **CERTIFICATE**

This is to certify that Mr./Ms.
IRBHAD. M
has successfully completed the Certificate course on
SAGE MAKE UP - IN DESIGN
Conducted by the Department of
Y/ASS COMMUNICATION JOURNALISM
From 16.11.2019-to-02.01.2020

Course Coordinator
Greeshma John MJ

HOD Anu Ann Varghese Principal

TP Muhammed Fareed



## W M O ARTS AND SCIENCE COLLEGE

## **DEPARTMENT OF PHYSICAL EDUCATION**

### REPORT OF ADD ON COURSE IN GENERAL FITNESS

Department of Physical Education of WMO Arts and Science College, Muttil conducted a certificate course on General Fitness the course started from 20th September 20£9 to 25th October 2019, 15 students participated in the programme. Mr Abhin Kumar K R handled the session. All the participants have been granted certificates for the course. The content of the course includes 80% practical activities for developing the health related physical fitness such as push ups, core exercises pull ups etc....Participants have undergone the training with great enthusiasm. They have successfully completed the general physical training during the stipulated period of 20 days. Finally, we evaluated the participants' using a practical test. 15 students, who successfully completed the course, were given certificates.

ABHIN KUMAR. K.R.
Associate Professor
Dept. of Physical Education
W.M.O. Arts & Science College
Muttil P.O, Wayanad-673 122



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# **CERTIFICATE**

This is to certify that Mr./Ms.

JIJL MUSTHAQ

has successfully completed the Certificate course on

GENERAL FITNESS

Conducted by the Department of

PHYSICAL EDUCATION

From 20/09/2019 to 25/10/2019

Course Coordinator



Principal



Affiliated to University of Calicut, Wayanad, Kerala, Pin:673122- www.wmocollege.ac.in

# CERTIFICATE

This is to certify that Mr./Ms.

# FATHIMATHUL ASLAMIYA

has successfully completed the Certificate course on

# GENERAL FITNESS

Conducted by the Department of

PHYSICAL EDUCATION

From 20/09/2019 to 25/10/2019













# **DEPARTMENT OF PHYSICS** WMO ARTS & SCIENCE COLLEGE

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# Certificate Course on Basics of Astronomy.

## Summary report

Academic year :2019-20

No. of Hours: 37

Course Co-Ordinator: Dr. Biju KG

Certificate Course on Basics of Astronomy (WMPHY2) was designed as a 37-hour certificate course. The course was conducted from 20/06/2019 to 27/07/2019 through offline mode and given two assignments at the end of the course. Twenty students registered and successfully completed the course. The course involves studying the vastness of the Universe, the complexity of galaxies, and the incredible distances between celestial objects. The study of astronomy requires a high level of attention to detail, critical thinking, and problem-solving skills. These skills can be transferable to other areas of life and work and can help individuals become more responsible in their personal and professional lives.

### Course outcomes:

- Students learn the star constellations, eclipses etc.
- They became capable of identifying the various celestial objects in the night sky.
- They learn how to mark the positions of celestial objects.
- They learn the structure of the sun and the solar system.
- They learn about the formation and evolution of stars and Galaxies.
- They learn the major theories about the Universe.
- It will enable the students to think critically and develop problem-solving skills.

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MUTTIL, WAYANAD Pin-673122

TS & SCIENCE

Knowledge of astronomy can help them to see the Universe in a whole new light and can help to become humbler and more appreciative of their place in the Universe.

Course Co-ordinator . Dr. Biju KG

Head

Dept. of Physics

Associate Professor

Department of Physics

**HEAD OF THE DEPARTMENT** Dept. of Physics W.M.O. Arts & Science College Muttil. P.O., Wayanad, Kerala - 673 122



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# CERTIFICATE

This is to certify that Mr./Ms.

MUHAMMED MAHIR SC

has successfully completed the Certificate course on

BASICS OF ASTRONOMY

Conducted by the Department of

SSISKAd

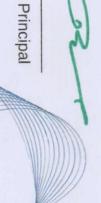
From---2016/19--to--27/7/19

Course Coordinator



TO AT







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# GERTHE CATE

This is to certify that Mr./Ms.

MEERA RAT

has successfully completed the Certificate course on

BASICS OF ASTRONOMY

Conducted by the Department of

P HYSICS

From---20/6/19--to---27/3/19

Course Coordinator





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### Certificate Course on Non-Conventional Energy sources.

### Summary report

Academic year: 2019-20

No. of Hours: 30

Course Co-ordinator: Dr. Biju KG

Certificate Course on Non-Conventional Energy Sources (WMPHY1) was designed as a 30-hour certificate course. The course was conducted from 17/10/2019 to 26/11/2019 through offline mode, and conducted a written examination at the end of the course. Sixteen students registered and successfully completed the course. The use of non-conventional energy sources promotes sustainable development by reducing the reliance on fossil fuels and minimizing the carbon footprint. A certificate course can equip individuals with the knowledge and skills to promote and implement sustainable development practices.

### Course outcomes:

Students learn the various types of Non-Conventional Energy sources.

 They understand the need to shift from conventional energy sources to Non-Conventional Energy sources.

• They learn the different techniques for converting energy from Wind, Ocean, Sun etc., to other usable forms.

 They acquired a vision of global citizenship by understanding the problems caused by the continuous and consistent use of fossil fuels. They also learned the importance of working together for a green earth.

Course Co-ordinator.

Dr. Biju KG/

Head

Dept. of Physics

Associate Professor

Department of Physics

Dept. of Physics
W.M.O. Arts & Science College
Muttil. P.O., Wayanad, Kerala - 673 122





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# GERMEICANE

This is to certify that Mr./Ms.

THATUNNISA . P.P

has successfully completed the Certificate course on

NON GNYENTIONAL ENERGY SUVRCES

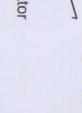
Conducted by the Department of

SSISKHd

From-17/10/19 26/11/19

HOD









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# GERTHEICATE

This is to certify that Mr./Ms.

GI EETHI KA GOPI NATHAN

has successfully completed the Certificate course on

NON CONVENTIONAL ENERGY SOURCES

Conducted by the Department of

PHYSICS

From---1711st-19--to--26/11/19---

Course Coordinator





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### **Certificate Course in LaTeX**

### Summary report

Academic year :2019-20

No. of Hours: 30

Course Co-ord

inator: Dr.KK.Hamsa

Department of Statistics, WMO Arts and Science College, Muttil has successfully conducted a certificate course on "LaTeX". The course duration is from 5<sup>th</sup> August 2019 to 23<sup>rd</sup> August 2019. The 30 hours short-term course consists of installation of LaTeX, formating of output document, inserting mathematical formulae and drawing with LaTeX. There are 11 participants in the course. Dr.KK. Hamsa, led the session with the help of faculties from the Department of Statistics. All successfully completed the short-term programme. After an evaluation test, participants had been awarded certificates.

### Course outcomes:

- Students will be able install LaTeX
- Students will be acquainted with formatting of output document
- Students will learn to insert mathematical formula to the document
- Students will be able to add pictures to the document

Course co-ordinator: Dr.KK.Hamsa

Department of Statistics

Head of the Department

HEAD OF THE DEPARTMENT
Dept. of Statistics
W.M.O. Arts & Science College

Muttil P.O., Wayanad, Kerala - 673 122



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# **Certificate Course on R Programming**

**Summary report** 

Academic year :2019-20

No. of Hours: 30

Course Co-ordinator: Mr.Shakkeelurahman OPC

Department of statistics, WMO Arts and Science College, Muttil has successfully conducted a certificate course on "R Programming". The course started from 7th October 2019 and ended on 25th October 2019. The 30 hours short-term course consists of a package of data analysis with the software R. It consists of introduction to probability, inferential statistics, and linear regression and modeling. There are 11 participants in the course. Mr. Shakkeelurahman, led the session with the help of faculties from the Department of Statistics. All successfully completed the short-term programme. After an evaluation test, participants had been awarded certificates.

### Course outcomes:

- Students will learn skills in programming with R
- Students will be acquainted with the concepts of probability theory
- Students will be able to make out the basics of sampling methods.
- Creative thinking and logical reasoning will be developed
- Students learn to familiarize data analytics

Course Coordinator: Mr.Shakkeelurahman OPC

Department of Statistics

HEAD OF THE DEPARTMENT Dept. of Statistics W.M.O. Arts & Science College Muttil P.O., Wayanad, Kerala - 673 122



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# Certificate Course on Statistical Package for Social Sciences (SPSS) Summary report

Academic year :2019-20

No. of Hours: 30

Course Co-ordinator: Dr.KK.Hamsa

Department of Statistics of WMO Arts and Science College, Muttil conducted a certificate course on the topic "Statistical Package for Social Sciences (SPSS)". The course started from 3<sup>rd</sup> January 2020 to 23<sup>rd</sup> January 2020, 11 students participated in the programme. Ms. Athira Jose handled the session. All the participants have been granted certificates for the course. The content of the course includes the study of doing descriptive statistics, bivariate statistics, outcome prediction, etc. using SPSS. Participants have undergone the training with great enthusiasm. They have successfully completed the training during the stipulated period of 15 days. Finally, we evaluated the participants' using a practical test. 11 students, who successfully completed the course, were given certificates.

### Course outcomes:

Students will learn skills in programming with SPSS

Students will be able to do quantitative analysis using data in SPSS

Students will be able to do prediction using linear regression and other methods

Critical thinking and logical reasoning of students will be developed

Course co-ordinator

Dr.KK.Hamsa

Head of Department

**HEAD** OF THE DEPARTMENT

Dept. of Statistics W.M.O. Arts & Science College Muttil P.O., Wayanad, Kerala - 673 122



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# Certificate Course on Recreational Mathematics (WMMAT1) Summary report

Academic year :2019-20

No. of Hours: 30

Course Co-ordinator: Aswathi K

The Certificate Course on Recreational Mathematics (WMMAT1) was designed to help students, to use recreational mathematics in their activities in meaningful and worthwhile ways. It aimed at promoting mathematical curiosity, problem solving skills, and a sense of enjoyment. The participants understood how to capture the interest and motivation of people who find mathematics dull and uninteresting. The course was conducted from 15-10-2019 to 16-01- 2020. Faculty members in the Department of Mathematics helped the students to develop and execute mathematical ideas into creative models. 16 sessions were conducted during the period and students' presentations were conducted as part of activities of the Mathematical Circle. Student participants in the course prepared models for the Math Maze competition designed by the students, conducted as part of National mathematics day celebrations (MAGMA 2019). Students got practical experience with various puzzles, games, and models in Mathematics. The collaborative nature of the course helped students to exchange ideas and learn from one another's approaches. Fifty students, who successfully completed all the activities related to the course, were eligible for certificates.

### Course outcomes:

- Creative thinking and logical reasoning were developed.
- Enhanced problem solving skills.
- Students could enjoy doing mathematics after exposing themselves to several recreational type activities.
- Students became able to communicate math with non-mathematical audiences.
- Students learned to appreciate others for their achievements.
- Students became able to apply mathematics to real-life problems.

Some Photographs of the activities related to the course.







Course Co-ordinator:

Aswathi K

**Assistant Professor** 

Head

Dept. of Mathematics

Department of Mathematics

Dr. VIJI PAUL Associate Professor & Head Department of Mathematics W.M.O.Arts & Science College Muttil.P.O. Wayanad - 673 122



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# **CERTIFICATE**

This is to certify that Mr./Ms.

ARhil Joseph

has successfully completed the Certificate course on

Recreational Mathematics

Conducted by the Department of

Mathematics

From 15th oct 2019 to 16th Jan 2020

Course Coordinator



HOD



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# **CERTIFICATE**

This is to certify that Mr./Ms.

Deepthy. A
has successfully completed the Certificate course on
Recreational Mathematics
Conducted by the Department of
Mathematics

From 15th oct 2019 to 16th Jan 2020

Course Coordinator



HOD



# DEPARTMENT OF ECONOMICS WMO ARTS & SCIENCE COLLEGE

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### **CERTIFICATE COURSE – REPORT 2019-20**

Department of Economics of WMO Arts and Science College, Muttil conducted a certificate course on the topic "Statistical Data Processing and Analysis Using Software". The course started from 12<sup>th</sup> August 2019 to 3<sup>th</sup> September 2019. Almost 40 students participated in the programme. Dr. Saidmohammad V H handled the session. The content of the course includes the study of basic statistical tools using MS Office Spreadsheet. Participants have undergone the training with great enthusiasm. They have successfully completed the online training during the stipulated period of 15 days. Finally, we have evaluated the participants using a practical test. Most of them performed well in the practical test. 40 participants have fully benefited from this course and they have been issued certificates also.

Dr Said Mohammad. V. H

Course Coordinator

HoD

Dept. of Economics
W.M.O. Arts & Science College
Muttil. P.O., Wayanad, Kerala - 673 122



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### **DEPARTMENT OF CHEMISTRY**

### **CERTIFICATE COURSE ON**

### **ENVIRONMENTAL CHEMISTRY**

### **SUMMARY REPORT**

Academic year: 2019-20

No. of Hours: 30

Course Co-ordinator: Dr. Thomas Thevara

Department of Chemistry of WMO Arts and Science College, Muttil conducted a certificate course on the topic "Environmental Chemistry". The course started from 1st October 2019 to 21<sup>st</sup> October 2019. 25 students participated in the programme. Dr. Thomas Thevara handled the session. All the participants have been granted certificates for the course. The content of the course includes Introduction to Environmental Chemistry, Sources and Types of Environmental Pollution, Analytical Techniques in Environmental Chemistry, Global Environmental Issues, Environmental Regulations and Policies. All the participants have been granted certificates for the course.

### **Course Outcome**

- Understand the chemistry of natural and anthropogenic compounds in the environment.
- Analyze environmental samples and interpret the results.
- Identify sources of environmental pollution and evaluate their impact on the environment.
- Identify various global environmental issues and impacts.

• Evaluate environmental policies and regulations and propose solutions to environmental problems.

Course Coeffinator

MUTTIL, WAYANAD

HEAD OF THE DEPARTMENT Dept. of Chemistry Dept. of Chemistry W.M.O. Arts & Science College W.M.O., Wayanad, Kerala - 673 122 Muttil. P.O., Wayanad, Kerala - 673 122



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# CERTIFICATE

This is to certify that Mr./Ms.

Rife Salu VK

has successfully completed the Certificate course on

大力Vicenmental Chemülia Conducted by the Department of

Chemisky

From -- oil 10 [2019 -- to- 21] 12 [2019

Course Coordinator





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# CERTIFICATE

This is to certify that Mr.AMs.

Muhammed Jayas

has successfully completed the Certificate course on

Envisonmental Chamistry

Conducted by the Department of

Chemulay

From --- 01/10/2019 -- to -- 21/10/2019

Course Coordinator



# THE WALL

### DEPARTMENT OF MASS COMMUNICATION AND JOURNALISM

### WMO Arts & Science College

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Affiliated to University of Calicut
(Aided by Govt.of Kerala)

04936-207532 (Principal) Phone:04936-203382(office)

P.O. Muttil, Wayanad, Kerala -673122

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### Value Added Course 2019 -20 Newspaper Publication

### **Summary Report of the course**

Academic year: 2018-19

No. of Hours: 30

Course Coordinator: Greeshma John MJ

A newspaper design course is a program that teaches students the skills and techniques involved in designing newspapers. It focuses on various aspects of newspaper layout, typography, graphic design, and visual storytelling. The course aims to train individuals to create visually appealing and effective newspaper designs that enhance the overall reading experience.

### Dated from 18/09/2019 to 30/09/2019

30 students actively participated in the program.

### **Course Outcome**

- Basic knowledge Newspaper and Magazine
- Understanding of design principles
- Mastery of layout techniques
- Typography skills
- Image and graphics handling
- Knowledge of production processes
- Awareness of industry trends and standards

4

Course Coordinator Greeshma John MJ Head of the Department Anu Ann Varghese



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**DEPARTMENT OF MASS COMMUNICATION & JOURNALISM** 

# CERTIFICATE

OF APPRECIATION

PROUDLY PRESENTED TO

# **EDWIN GEORGE**

Has completed the value added course on NEWSPAPER PUBLICATION conducted by Department of Mass Communication and Journalism from 18-09-2019 2019-20 Academic year

COURSE COORDINATOR

HEAD OF THE DEPARTMENT

PRINCIPAL



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**DEPARTMENT OF MASS COMMUNICATION & JOURNALISM** 

# CERTIFICATE

OF APPRECIATION

PROUDLY PRESENTED TO

# **SULFATH**

Has completed the value added course on NEWSPAPER PUBLICATION conducted by Department of Mass Communication and Journalism from 18-09-2019 2019-20 Academic year

COURSE COORDINATOR

HEAD OF THE DEPARTMENT

PRINCIPAL



# DEPARTMENT OF ELECTRONICS WMO ARTS & SCIENCE COLLEGE

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e-mail: wmocollege@gmail.com website: WWW.wmocollege.ac.in

### Certificate course on House wiring Techniques

### **Summary Report**

Academic year: 2019-20

No of Hours 30 hrs

Course Coordinator: Abdul Rasheed

The Department of Electronics offered a certificate course on House wiring techniques from 8th November 2019 to 30th November 2019. The 30-hour course, co-ordinated by Abdul Rasheed, Assistant Professor, attracted a total of 20 participants from BSc Electronics. The course provided a basic understanding of Electrical wiring and equipment's handling techniques and practical skills in Maintenance of electrical wiring problems in the normal life. Participants gained valuable knowledge in house wiring and safety measures on single phase electrical wiring. Overall, the course successfully equipped the 20 participants with essential ideas and awareness on the electrical wiring and precautions on electrical wiring and maintenance.

The twenty students Participated actively and completed all the activities related to the course were given certificates.

Course coordinator

· Abdul Rasheed

Head Of the Department: Siby Joseph

Associate Professor/HOD
Department of Electronics
WMO Arts & Science College
Muttil P.O., Wayanad - 673122



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# CERTIFICAT







THIS IS TO CERTIFY THAT DR/MR/MS

ASEM ANJUM



Has successfully completed the Certificate course on

Electrical\_ Equipment Maintanence \_\_\_

\_\_\_Cledring\_\_\_\_\_

From D8: 11: 19\_

\_ to\_30: U.19\_\_\_\_

PRINCIPAL

COURSE COORDINATOR

HEAD OF THE DEPARTMENT