



2.3 TEACHING- LEARNING PROCESS

Report on Student Centric Methods 2019-20



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**Report on Student centric methods, such as experiential learning,
participative learning, and problem solving methodologies used for
enhancing learning experiences using ICT tools**

2019 - 2020

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1. Invited talks/Seminars

(i) A talk on 'Integral equations' by **Mr. Rashid A, Research scholar, National Institute of Technology, Surathkal** was conducted on 18.09.2019. As an **alumnus of our college**, he extended all support for students to do higher studies in Mathematics and prepare for entrance examinations. Participants raised many queries regarding topics for student projects at the graduate and postgraduate levels. Some topics were suggested for further reading.





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(ii) A Regional seminar on 'Fractal Geometry' was conducted on 18.12.2019 as part of National Mathematics Day Celebrations. **Dr. Aswathy R K, National Institute of Technology, Kozhikode**, served as the Resource Person.





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(iii) A series of student seminars were conducted from 28.11.2019 to 02.12.2019. First year MSc Mathematics students presented various topics on Mathematics exploring new mathematical ideas.





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2. Observance of National Mathematics Day

The National Mathematics Day celebrations (MAGMA- 2019) were conducted at W. M. O. Arts & Science College, Muttil during 18,19 December 2019. The Programs included an Invited talk, Math Maze, a Presentation competition, Treasure Hunt, and a Poster exhibition. All banners, brochures and certificates were designed and prepared by the students themselves.

The formal inauguration of National Mathematics Day celebrations was held on December 18, 2019, at 10.00 AM. Principal Dr Muhammed Fareed and Dr Aswathy R K inaugurated the programme by solving a puzzle 'Turn the circle into a square'. The Principal delivered a message regarding National Mathematics Day during the occasion and students paid tribute to the great mathematician Srinivasa Ramanujan.





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3. Intercollegiate Math Maze

An Intercollegiate Math Maze was conducted on 18.12.2019. It included mathematical puzzles of various levels. Thirteen teams of two students each participated from different institutions. The winners of the Math Maze were honoured with cash prizes and certificates.

I prize: Vismaya V and Abhijith Krishna R, W M O Arts & Science College, Muttil

II prize: Jose Manual Jolly and Aravind R, St. Joseph's College, Devagiri.





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4. Intercollegiate Presentation competition

As part of NMD celebrations, a Presentation competition was conducted for college students on 18-12-2019. A total of thirteen teams participated from different institutions of Calicut University and Kannur University. Each participant was given ten minutes for a presentation. Weightage was given for the mathematical value of the topic and clarity of presentation. Dr Aswathy R K, National Institute of Technology, Kozhikode, Mr Sajin Gopi, Research Officer, Economics & Statistics Department, Govt. of Kerala and Mr Syam Krishnan, Kerala School of Mathematics, Kozhikode evaluated the presentations and selected the winners.

The following students won cash prizes and certificates.

I Prize -Munavvira P M, W M O Arts & Science College, Muttill

II Prize -Ramziya E K, W M O Arts & Science College, Muttill

III Prize -Aparna P S, St. Mary's College, Sulthan Bathery





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5. Association Activities

Association Secretary Mr. Muhammed Sahal O T and team co-ordinated the meetings of the Mathematical Circle and other activities like Presentation by Postgraduate students, Observance of National Mathematics Day, Kerala Piravi, Pi Day etc. The formal Inauguration of the Mathematics Association was done by Dr Aswathy R K, National Institute of Technology, Kozhikode on 18-12-2019.

1. Kerala Piravi

Celebrating Kerala piravi on 1-11-2019, Mathematics Association conducted 'Kalanam 2019'. The programme was inaugurated by Dr Muhammed Safeeq, Department of Malayalam. Nehala M A spoke on 'Renaissance in Kerala.' Some of the students recited poems and conducted some language games.





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6. The Mathematical Circle

Students of the Dept. of Mathematics were divided into 14 groups and they lead meetings of the Mathematical Circle performing various events like Exploring new mathematical ideas, Mathematical games and puzzles, short math quizzes, Math magics, problem contests etc. A total of 10 meetings of the Circle were conducted during the year 2019-20.





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7. Manuscript magazine

The manuscript magazine 'Kannadi' prepared by the students of Dept. of Mathematics won the **1st Prize for the Best Magazine in the inter-department Magazine competition 2019-20**. Mr Favas and Ms Sandra Raveendran, II BSc Mathematics were the student editors of the magazine and Ms Anusree R served as the staff editor.





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Circle Meeting (Fresher's circle)

Group :- 2 - Metanoia.

Date :- 17-7-2019

Time :- 2.30

venue :- Seminar hall.

Team members :- Rishna Pebin

Nehala M.A

Athira prameep

Dizjana

Ainay

Arif

Arshad

Sl. No	Name	Department/class	sign
1.	Aiswarya S	D ₂ Maths	
2.	Devika Jayaprakash	"	
3.	Shreetha Swetha	"	
4.	Ashmila Jasmia	"	
5.	Abida D-A	"	
6.	Mishba Sberin	"	
7.	Abhila Fatima M	"	
8.	Ansiya Fathima	"	
9.	Nihala Fathima	"	
10.	Jansheera Jahan K.A	"	
11.	Ashmila Fahmi	"	
12.	Kavya	"	
13.	Navya	"	
14.	Anoofha VS	"	
15.	Alhira	"	
16.	sandya George	"	
17.	Fathima Masha k	"	
18.	Mufeeda muhammed	"	



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20	Drishwin R.V	"	
21	Ajmal P	"	
22	Shafie	"	
23	Sutha Lakshmi K.V	"	
24	Ajanya M.S	"	
25	Akhila C.S	"	
26	Naja Lathief AT	"	
27	Anjana Sankar	"	
28	Anusnu Vijayan	"	
29	Aysha Liya	"	
30	Anu K. Rasheeq	"	
31	Harshitha Musthafa	"	
32	Salha Sheerin	"	
33	Fathima C.M.	"	
34	Ashida Fathima P.P	"	
35	Sana K K	"	
36	Shuhana P	"	
37	Shana M K	"	
38	Abida	"	
39	Afeefa P.R	"	
40	Jasleena P.M	"	
41	Ruksana Fesbin.	"	
42	fahmiya	"	
43	Lulu K.P	"	
44	Farhana CH	"	
45	Neerabera P.K.	"	
46	Manavira PM	"	
47	Shadi Nilfer	P3 Maths	
48	Rishma Ajmila T.A	"	
49	Lubana P.K	"	
50	Shifa P.K	"	



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Sl. No.	Name	Dept. / Marks	Signature
61.	Amalbya Amil	D ₃ Maths	Amalbya
52.	Ajiniisha E.S	"	Ajiniisha
53.	Abhinaya V.R	"	Abhinaya
54.	Neevada S. Lakshmi	"	Neevada
65	Arshadha S.M	"	Arshadha
56	Rahela Mumthaz	"	Rahela
57	Aysha Altha	"	Aysha
58	Asna CH	"	Asna
59	Shudha K	"	Shudha
60	Ahiana Fathima	"	Ahiana
61	Ansiya Raabi	"	Ansiya
62	Suhaila AT	"	Suhaila
63	Rimsha Febin T	"	Rimsha
64	Fidha Kban.P	"	Fidha
65	Thasliya C	"	Thasliya
66	Megha shaji	"	Megha
67	Athalya	"	Athalya
68	Sneha T.S	"	Sneha
69	Rebina Sherin M	"	Rebina
70	Shaharbanu	"	Shaharbanu
71	Haneena Sherbin	"	Haneena
72	Saneesh Babu	M ₁ maths	Saneesh
73	Anand Ashok	M ₂ maths	Anand Ashok
74.	Basil John	M ₂ maths	Basil
75	Akshil Joseph	D ₃ maths	Akshil
76	M.Sahal D.T	"	M.Sahal
77	Salpavan p.c.	"	Salpavan
78	Basil Eldho	"	Basil
79	Vivek T.R.	Misc Maths	Vivek
80	Vishakh T.R	Misc Mathematics	Vishakh
81	BASIL JOHN	Misc Mathematics	Basil
82	Fathimath Subara P	D ₃ Maths	Fathimath



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83	Jainy M.J	D3 maths	Shams
84	Fareeda.V.S	"	Shams
85	Febina Shamceer	"	Shams
86	Deepthy .A	"	Shams
87	Agisha fida	"	Shams
88	Fasna.T	"	Shams
89	Kadheepathal shams	"	Shams
90	Mufeeda .K	"	Shams
91	Ap Rishana .	"	Shams
92	Aswathy.s	M2 Maths	Shams
93	Hauceemisa.M	"	Shams
94	Faiza Jabir.M.S	"	Shams
95	Jihana Sherin AP	"	Shams
96	Athulya .ps	"	Shams
97	Athulya .k.T	"	Shams
98	Shamina.k.P	"	Shams
99	Aswathi.o.p	"	Shams
100	Shabala k.S	M1 Mathematics	Shams
101	Pavani.k.M	"	Shams
102	Swathi-C	"	Shams
103	Smriti i.R	"	Shams
104	Aiswarya Raj.P.R	"	Shams
105	Sabla .G	"	Shams
106	Neshida .N	"	Shams
107	Noushida Kareem	"	Shams
108	Ankitha Nath	"	Shams
109	Aika	"	Shams
110	Saranya Surenndran	"	Shams
111	Megha.P	"	Shams
112	Avin.A.S	"	Shams
113	Ummahabeeba P.M	"	Shams
114	Shajeeda.p	"	Shams



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115	Asmabi	"	Asmabi
116	Jasmin C.H	D ₂ Maths	Jasmin
117	Fareesa K.P	"	Fareesa
118	Aqsha Nussair V.H	"	Aqsha
119	Febina I	"	Febina
120	Fathimath Difaun K.K	"	Fathimath
121	Najiga . P	"	Najiga
122	Khalidunnis	"	Khalidunnis
123	Fahmida	"	Fahmida
124	Mubassira	D ₃ Maths	Mubassira
125	Fareesa N.K	"	Fareesa
126	Aneesb Kp	D ₂ - Maths	Aneesb
127	Nehala . M . A	"	Nehala
128	Najiya . K . K	"	Najiya
129	Rishna Febim	"	Rishna
130	Sajinitha . P . N	"	Sajinitha
131	Shee piya	"	Shee piya
132	Favas	"	Favas
133	AKSHAY P.S	"	AKSHAY
134	Munavva Lakul Kid	"	Munavva
135	Muhammed Afn Grafees	"	Muhammed
136	Mub. shibly G.K	"	Mub. shibly
137	Nishma I	"	Nishma
138	A Nijil . V	"	A Nijil
139	Sandya	"	Sandya



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Report :-

Metanonia, the freshmen circle 2nd group of D2 maths has ^{co-ordinated} conducted the circle meeting on 17-7-2019, 2:30 PM. at Seminar hall

Rishma Febin introduced the group and also this topic is 'Calculus'. The group members are Rishma Febin, Nehala M.A, Fakhimath Dinfanakk. Althaf PV, Athina pradeep. Sandra Raveendran and Nijil v welcome the gathering. Then Rishma Febin introduced the topic 'calculus' and spoke on the history of calculus. Nehala M.A introduced the mathematician 'william Gottfried Leibniz'. Then Athina pradeep and Fakhimath Dinfana conducted a mathematics quiz. All audience including teachers participated the quiz and the prizes were distributed to the winners. Althaf PV presented puzzle. A welcome party was given to the first year after the circle meeting. Many programmes were conducted as part of the freshmen day celebration. The programme ended with the thanks giving by Mahammed shibilgk from second year mathematics.



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Circle Meeting

Group : 4
Date : 2-9-2019
Time : 3:30 pm
Venue : Second year Mathematics
Team members: Missha
Aiswarya
Kavya P.J
Sandra George
Favas Rabees
Nigel.V

Sl.No.	Name	Class	Signature
1.	Febina (V.C)	D ₂ Maths	
2.	Jasmin C.H	"	
3.	Agsha Nusrath V.H	"	
4.	Fathimath Dinyana K.K	"	
5.	Najiya.P	"	
6.	Farsana K.P	"	
7.	Sweetha.Tis	"	
8.	Rishana	D ₃ Maths.	
9.	Rubana P.K	"	
10.	Fathima Shifa P.K	"	
11.	Shadi Nibfor	"	
12.	Farsana N.K	"	
13.	Arshadha S.M	"	
14.	Fahmiya	D ₁ Maths	
15.	Harshitha Muthafa	"	
16.	Lulu .K.P	"	
17.	Shabna	"	
18.	safeekha mumthax.	"	



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20	Ashmita Jasmin	"	Ashmita
21	Nivya	"	Nivya
22	Amalya	"	Amalya
23	Abida	"	Abida
24	Ashmita Fahmi	"	Ashmita
25	Jansheena Jahan	"	Jansheena
26	Rishma Febin	"	Rishma
27	Angana Sankar	D ₁ maths	Angana
28	Anusree Vijayan	"	Anusree
29	Munavvira PM	"	Munavvira
30	Ramziya E.K	"	Ramziya
31	Sana K K	"	Sana
32	Pournami A.G	"	Pournami
33	Aceefa P.R	"	Aceefa
34	Ameria Asmi C.P	"	Ameria
35	Nihala Fathima	D ₂ Maths	Nihala
36	Devika G	"	Devika
37	Nehala M.A	"	Nehala
38	Mishba Sherin	"	Mishba
39	Saneesh Babu	M ₁ Mathematics	Saneesh
40	Vishakh.T.R	"	Vishakh
41	Vivek.T.R.	"	Vivek
42	Sajini'tha P.N	D ₂ Maths	Sajini'tha
43	Sandra Raveendran	"	Sandra
44	Sreepriya P	"	Sreepriya
45	Alkhila C.S	D ₁ maths	Alkhila
46	Shabna A.K	"	Shabna
47	Najiya E.C	D ₁ maths	Najiya
48	shahana P.K	D ₁ maths	shahana
49	Aashidha K.K	D ₁ maths	Aashidha
50	Jasleena P.M	"	Jasleena



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51.	Abida	D1 Bsc Maths	
52	Jany.MJ	D3 Bsc Maths	
53	Deepthy A	"	
54	Farcedha V.S	"	
55.	Amrithya Ani	D3 Mathematics	
56.	apinisha E.S	"	
57	adiscuaya V.R.	"	
58	Fathimath Suhara T	"	
59	Akhil Joseph	"	
60	Basel Eldho	"	
61	Sabhal Muh. Sabal. O.T	"	
62	Salpranav p.c	"	
63	Munavir vahid k k	D2 Mathematics	
64	Althaf pv	"	
65	Muhammed Afin Gafoor	"	
66	Darshwin.r.v	D1 mathematics	
67.	sandra George	D2 Math	
68.	Kavya	"	
69.	Aiswarya S	"	
70.	Kavas	"	
71.	Mirshah	"	
72	Thejas maraji	D1 mathe	
73.	Muhammad kashree	"	
74	Ajay - P.	"	
75.	Shafra Khalid Abdulla	"	
76.	Dashina	"	
77	Vij Paul "	Dept. of Mathematics	



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Report:-

Mathskeepers the fourth group of II Bsc. students co-ordinated the circle meeting on 2.9.19 of II Bsc. Math classroom. The group members were Kavya P.J, Mirsha, Sandra George, Favas, Aiswarya and Muhammed Nijil. Aiswarya started the circle by welcoming teachers and students. The audience were V.G. Math students and faculties. Aiswarya introduced the group members and their respective topics. Mirsha gave a brief account about the life of Hypatia, the first woman mathematician. She pointed out Hypatia's various relevant approaches towards Mathematics. Then Kavya gave a talk on cycloids and she described about various curves related to cycloids. Applications of cycloid in other subjects were also introduced and then she explained the Brachistochrone problem using still model of cycloid. Then Favas described the Fibonacci series and its various applications were introduced. After that Sandra George discussed the topic cyclic numbers. She explained various features of cyclic numbers. And at last a number puzzle was given to the audience and prize was given to the winners. Then the circle was concluded with a vote of thanks by Aiswarya.



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8. Pi Day Celebrations

Observing Pi Day, various programmes including presentations, Quiz and puzzles were conducted by first year BSc Mathematics students and prizes were distributed to the winners



9. Study Tour

A study tour was conducted during October 12-16, 2019 to Kusal Nagar, North Karnataka. A team of 30 students and 4 teachers participated.





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**Phone : 04936-203382 (Office)
04936-207532 (Principal)**

e-mail : wmollege@gmail.com

website: WWW.wmollege.ac.in

10. College Arts Fest 2019-20

Students of the Department of Mathematics together with Dept. of Electronics won Off Stage Championship, On stage Championshhip, and Overall Championship in the college Arts Fest 2019-20.





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11. Mathematical Problems Contests

During the year, five Mathematics problems contests were conducted. Basil Eldho, Vivek T R, Vishak T R, Muhammed Sahal O T and Devika Jayaprakash were the winners.



12. JAM/NET Coaching

The coaching for JAM and other competitive examinations during the academic year 2019-20 was conducted from 15-11-2019 to 15-1-2020. Students' presentations were held from 3.30 pm to 4.30 pm and related problems in the previous year's question papers were solved by the participants. Faculty members provided personal guidance and mentoring to the students.

No. of students attended: 18

Course Co-ordinators : Anusree R, Chiranmay Murali

Duration : 15-11-2019 to 15-1-2020

13. Achievements of Students

1. Vishak T R, I MSc Mathematics qualified CSIR-UGC NET conducted during December 2019
2. Shadi Nilofer and Basil Eldho, III BSc Mathematics, won III place in the intercollegiate Mathematics quiz organized by Farooq College, Calicut on 9.11.2019.
3. Shadi Nilofer and Basil Eldho secured I prize on the intercollegiate Math quiz conducted by M.A.M.O College Manassery on 30.1.2020.



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4. Shadi Nilofer and Basil Eldho won the I prize in the Mathematics Talent Hunt, conducted at MES College of Engineering, Kuttipuram on 5th February 2020.
5. Thejas Manoj, I BSc Mathematics won first prize for poster making conducted by the Dept. of Commerce at WMO College as part of celebrations of co – operative week on November 15 2019.
6. Muhammed Basheer, I BSc Mathematics won first prize for Collage making conducted by the Dept. of Commerce at WMO College as part of celebrations of co – operative week on November 15 2019.
7. Thejas Manoj won III prize for poster making conducted by the Dept. of Social Justice, District Probation office, Kalpetta on Nov 15, 2019.
8. Basil Eldho, III BSc Mathematics won I place in Power Quiz 2019 conducted by KSEB Officers Association at W M O College, Muttil on 3.10.2019.
9. Shadi Nilofer and Basil Eldho won III place in the intercollegiate quiz organized by the Dept. of Mathematics at Zamorin's Guruvayurappan College, Kozhikode on 10th January 2020.
10. Akhil Joseph, Basil Eldho, and Sai Pranav of III BSc Mathematics won II place for Computer Gaming and Idea presentation at SNDP Yogam Arts and Science College Pulpally on 11.1.2020.
11. Basil Eldho of III BSc Mathematics secured II prize in coding (Tesla. 2.0) organized by the Dept. of Computer Science on 14th January 2020.
12. Basil Eldho secured I prize in IT quiz in CYBORG 2020, the intercollegiate IT fest organized by the Dept. of Computer Application, at W M O Imam Gazzali Arts and Science College, Panamaram on February 3, 2020.
13. Akhil Joseph and Lubama P, III BSc Mathematics won III place in the Mathematics Talent Hunt, conducted at MES College of Engineering, Kuttipuram on 5th February 2020.
14. Akhil Joseph, Basil Eldho and Sai Pranav of III BSc Mathematics secured II place in the competition session during the Science Fest at SNDP Yogam Arts and Science College, Pulpally on 11-1-2020.
15. Vivek T.R of I MSc Mathematics won II prize for Mathematical games during National level College Fest on 27.2.2020 organized by Nilgiri College of Arts and Science, Thaloor.



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14. Student projects

Details of Project work (2019-20)

Sl. No.	Title of the project	UG/ PG	Name of the student	Institute of the supervisor
1	Catalan Number And It's Applications	UG	Arshadha S M	W M O Arts & Science College
2	Digraph	UG	Aysha Nitha	W M O Arts & Science College
3	Knot Theory	UG	Ajmila T A	W M O Arts & Science College
4	Transcendental Numbers	UG	Shadi Nilofer	W M O Arts & Science College
5	The Sylow Throrems And Its Applications	UG	Ahsana Fathima Ek	W M O Arts & Science College



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6	Graph Theory	UG	Farsana N K	W M O Arts & Science College
7	Catalan Numbers And Its Applications	UG	Rishana	W M O Arts & Science College
8	An Introduction To Topology And Separation Axioms	UG	Fareeda V S	W M O Arts & Science College
9	Complex Mapping	UG	Raheela Mumthaz	W M O Arts & Science College
10	Graph Theory	UG	Mufeeda K	W M O Arts & Science College
11	Introduction To Topology	UG	Haneena Sherbin .N	W M O Arts & Science College
12	Knot Theory	UG	Ansiya Roobi	W M O Arts & Science College
13	Legendre Function And Their Properties	UG	Ayisha Fida C K	W M O Arts & Science College
14	Sylow Theory	UG	Amarthya Anil	W M O Arts & Science College
15	Digraph	UG	Febina Sherin M	W M O Arts & Science College
16	Bessels Function	UG	Asna Ch	W M O Arts & Science College
17	Digraphs	UG	Rinsha Febin.T	W M O Arts & Science College
18	Basic Concepts Of Complex Mapping	UG	Deepthy A	W M O Arts & Science College
19	Vedic Mathematics	UG	Aiswarya V R	W M O Arts & Science College
20	Basic Concepts Of Complex Mappings	UG	Megha Shaji	W M O Arts & Science College
21	Introduction To Matrix Representation Of Linear Transformation	UG	Basil Eldho	W M O Arts & Science College
22	Legendre Functions And Their Properties	UG	Shaharbanu.N	W M O Arts & Science College
23	Vedic Mathematics	UG	Fathima Shifa Pk	W M O Arts & Science College
24	An Introduction To Topology And Separation Axioms	UG	Muhammed Sahal O T	W M O Arts & Science College
25	Linear Programming Problems	UG	Fasna T	W M O Arts & Science College
26	Sylow Theorems	UG	Shidha.K	W M O Arts & Science College
27	Transcendental Numbers	UG	Akhil Joseph	W M O Arts & Science College



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28	Introduction To Matrix Representation Of Linear Transformation	UG	Lubana P K	W M O Arts & Science College
29	An Introduction To Knot Theory	UG	Neerada S Lakshmi	W M O Arts & Science College
30	Euler Formula	UG	Athulya Narayanan	W M O Arts & Science College
31	A Study On Matrix Representation Of Linear Transformation	UG	Ayisha k	W M O Arts & Science College
32	Coloring Of Graphs	UG	Fidha Khan p	W M O Arts & Science College
33	Bassel Function	UG	Jainy M J	W M O Arts & Science College
34	Simplex Method And Application	UG	Fathimath Suhara	W M O Arts & Science College
35	Linear Programming Problems	UG	Febina Shameer	W M O Arts & Science College
36	Linear Programming Problems	UG	Fathimath Suhara	W M O Arts & Science College
37	Legendre Function And Their Properties	UG	Mubassira	W M O Arts & Science College



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**Report on Student centric methods, such as experiential learning,
participative learning and problem-solving
methodologies are used for enhancing learning experiences
contents**

2019 -2020

1.	ICT Facilities available in the Department
2.	Software Tools Used
3	Student project
4.	Manuscript Magazine and printed Magazine
5.	Association Inauguration
6.	Day Calibration
7.	Skill Development Program
8.	Teams Visit
9.	Achievements in Extracurricular Activities
10.	Study tour
11.	Earn While Learn
12.	Expo

1. ICT Facilities available in the Department

List of software in the department

SL. NO	ITEM	QUANTITY
1	Smart Class Rooms	2
2	computers	2
3	Printers and scanners	2
4	Sound system	1
5	Wi Fi	Available



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2 Software tools used

Sl No.	Faculty	Tools Used
1.	Dr. Najmuddeen P	YouTube
		Projector
		Power point
		Google Class Room
2.	Ms. Shaila. KH	YouTube
		Projector
		Power point
3.	Dr. Yoosuf VK	YouTube
		Projector
		Power point
4.	Dr. Muhammed Sayeed MK	YouTube
		Projector
		Power point
5.	Asil. K	YouTube
		Projector
		Power point
6.	Abbas K	YouTube
		Projector
		Power point
		Zoom
7.	Mr. Abdul Vahab K.K	YouTube
		Projector
		Power point
8.	Shakeer Nellikunnummal	YouTube
		Projector
		Power point



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3 Project details UG- BA ARABIC 2019 – 2020

SL No.	Reg NO.	Name	Subject
1	WMARAARR3 1	SHAMSUDHEEN MV	DELIGHTFUL VIEWS IN IDUKKI
2	WMARAARR1 7	MUHAMMAD RASHID	
3	WMARAARR2 0	NAFIA C	
4	WMARAARR2 8	SAJITHA C	
5	WMARAARR3 4	MUBASHIRA PS	TRANSLATION WORK ENTITLED WITH "AMIGO BROTHERS", 'AFTER FAIR', "PANJATHANDRA KATHAKAL'
6	WMARAARR3 2	SHANA PRAVEEN V	
7	WMARAARR0 2	ANAS AP	
8	WMARAARR1 4	MUHAMMAD MIQDAD	BUETIFULL MOMENTS IN THE JOURNEY
9	WMARAARR3 3	ARSHIDA BANU PA	
10	WMARAARR2 4	RISWANA UB	
11	WMARAARR2 7	SAHAL SLAM TA	ACADEMIC PROGRAMMES IN UNIVERSITY OF KERALA"
11	WMARAARR1 8	MUHSINA KT	
12	WMARAARR1 5	MUHAMMAD RAZI PA	
13	WMARAARR1 3	MUHAMMAD ASHIQUE K	
14	WMARAARR2 6	SUFEENA PA	
15	WMARAARR38	SHIFA THASNI U	CONTRIBUTIONS OF DEPT OF ARABIC IN KERALA UNIVERSITY AND UNIVERSITY COLLEGE
16	WMARAARR16	MUHAMMAD RAHEES T	
17	WMARAARR09	HASHIM K	



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18	WMAQAARR04	DILSHANA RAHNA SHERIN	TRIVANDRUM
19	WMAQAARR25	RUKSANA	
20	WMARAARR22	NAJLA AM	CONTRIBUTIONS OF FACULTIES OF KERALA UNIVERSITY AND UNIVERSITY COLLEGE TRIVANDRUM TO DEVELOPMENT OF ARABIC LANGUAGE
21	WMARAARR11	JASEEM KT	
22	WMARAARR36	SAFNA FERBIN KN	
23	WMARAARR12	JUMANA N	
24	WMARAARR03	ASHFAK KA	

PROJECT DETAILS MA ARABIC- 2019 -2020

SL No.	Reg NO.	Name	Subject
1	WMASMAR001	AJNAS M	RESISTANCE IN POETRY OF SAMIH AL QASIM
2	WMASMAR003	ARSHIDA PK	RESISTANCE LITERATURE: A STUDY WITH SPECIAL REFERANCE TO ABUL QASIM AL SHABI
3	WMASMAR004	JASEENA MA	WORKS OF QAZI MUHAMMAD IN RESISTANCE LITERATURE
4	WMASMAR007	RUBEENA OP	DR. NAJEEB AL KEELANI AND HIS RESISTANCE WORKS
5	WMASMAR008	SHAHANA CM	RESISTANCE LITERATURE IN YAMAN AND WORKS OF ABDULLAH AL BARDOONI
6	WMASMAR010	SHAHEER PP	FADWA THOOQAN: RESISTSNCE POET IN PALASTINE



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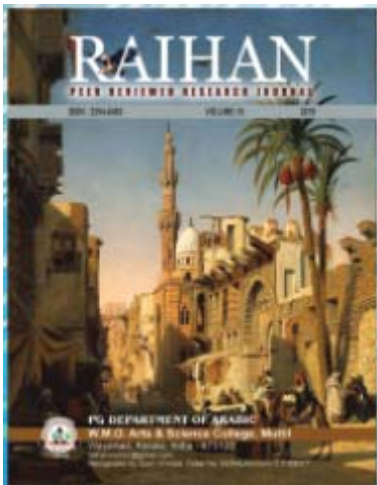
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7	WMASMAR011	SHERIN SHAHANA AC	GASSAN KANFANI: THE RESISTSNCE WRITER IN PALASTINE
8	WMASMAR012	ZEENATH CI	THE ROLE OF AHAMAD MATHAR IN REVOLUTION POETRY IN IRAQ

4. Manuscript

The Department released a peer reviewed Arabic Research Journal published with ISSN. 2394-8493



The department released student hand written magazine "ANNABLA" (the pulse") Ms Usha Thambi (President, Block Panchayat, Kalpetta) w on 17-12-2019



The department released the printed student magazine` Alahlam (the dream)



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5. ASSOCIATION INAUGURATION

The arabic association was inaugurated by Mr. Muhammad Shafeeq PK, Inspector, Motor Vehicle, RTO Wayanad and Smt: Muthumary (A street singer of Wayanad) performed and made our students joy with her magical sound.





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6. DAY CELEBRATION

ARABIC DAY

The Arabic Day Celebration was inaugurated by Mrs. Usha Thambi, (President, Blok Panjayath, Kalpetta) and delivered a lecture on the topic "Rhytham of Arabic Poetry" by Mr. Muhammad Iqbal
HSST, Arabic, Koduvally



Onam celebration

Department of Arabic celebrated with various programmes





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7.Skill Development Program

Orientation Program for First year students by Dr. Jamaludheen
Former Principal, WMO College, Muttill on Significance of Arabic Language in
Modern Era



Essay Competition

The Department of Arabic Conducted Intra Department Essay
Competition in connection with Keralappiravi Celebration





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Invited Talk

Mr. Aboobakar Sidheeque IAS (Secretary, Dept. of Mine and Geology cum CMD Jharkand state Mineral Development Corporation) interacted with students on "Educational Challenges and Successful Career Selection"



8. Team Visit

PG students of NIA College , Kadavathoor and Sir Sayed College Talippararamba visited the Department as part of their PG Project Work



9. Achievements in Extracurricular Activities

The department students marked their signs in F zone fest



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SL NO	NAME OF THE STUDENT	ITEM	POSITION	REMARKS
1	Mr. ABDUL RAHEEM K	Volley Ball		Team member in National Volleyball Championship held at Punjab
2	Mrs. MUNSIYA	K TET		Qualified Kerala Teachers Eligibility Test held by Kerala Pareeksha Bhavan
3	Mr. SHAHEER PP	K TET		Qualified Kerala Teachers Eligibility Test held by Kerala Pareeksha Bhavan
4	Mr. IJAS	Football		Calicut University Inter zone Football



10. Study tour

The Department of Arabic and final year students group conducted a study tour to Eminent colleges and universities in Thiruvananthapuram as part of their Project Work



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"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,
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9387806050 dr.ymnadwi@gmail.com

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M.A., Ph.D
Assistant Professor
8281846575
msayeedmk@gmail.com





قسم اللغة العربية وآدابها
DEPARTMENT OF ARABIC
W.M.O ARTS & SCIENCE COLLEGE
(Affiliated to University of Calicut)

deptofarabicwmo@gmail.com
www.wmocollege.ac.in
P.o. Muttill, Wayanad, Kerala - India, 673 122

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9387806050 dr.ymnadwi@gmail.com

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

11. Earn While Learn

Mr. Muhammed, Mr. Sahal Salam and Fayis K were worked as Madrasa Teachers.

12. Expo

The department conducted an Expo of translated works Arabi to Malayalam and Vice visa and longed a video regarding Arabic translated works and literature





DEPARTMENT OF COMPUTER SCIENCE

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

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



Report on Student methods,such as experiential learning,Partipative and Problem solving methodologies are used for enhancing learning experiences using ICT tools

2019-20

Contents

SI	
1	ICT Facilities available in the department
2	Laboratory Courses
3	Skill Development programmes
4	Student Projects
5	Workshops
6	E Contents Developed
7	Fest and competitions
8	Achievements of the students in curricular and extracurricular activities
9	students Attended Army Attachment Camp
10	Best practices
11	Certificate course conducted by department
12	Internships and MoUs
13	NCC enrollment details

1. ICT Facilities available in the department

Departmental ICT facilities are enclosed as follows

Sl No	Item	Quantity
1	Smart class rooms	2
2	Computer Lab	1
3	Computers	70
4	Printers and scanners	3
5	Embedded podium	1
6	Web cameras	3
7	Sound system	1
8	Smart Lab	1



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2. Laboratory Courses

As a department of programming science a variety of programming labs are introduced in smart lab.

1	HTML
2	Java Programming
3	Android Programming
4	Shell Programming
5	PHP
6	DBMS Programming using SQL
7	C Programming

3. Skill Development programming

As for improving student discussions and their skills in communication and technical, Department organize various programs as follows

Sl No	Program Name	Description
1.	Skill Development Workshop	Hardware maintenance and software installation.
2.	Android application development	As a part of their syllabus Android platforms are introduced
3	Cryptography and network security	Session led by Nitha Francis. Session includes various concepts of network security issues.



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4. Student Project

PROJECT 2019-2020

Sl. No	TITLE	SUPERVISOR	NO OF STUDENTS	NAME OF STUDENTS
1	Mobile app for Wayanad Tourism	Suma N	4	1.Fasil Thottathil 2.Midhlaj PK 3.Najla TM 4.Muhammed Ashique KA
2	Online Adoption and sponsorship system	Suma N	3	1.Harsha 2.Swarnamol KK 3.Rumaisa P
3	e-Vahan – Paperless vehicle certificates	RAJINA	3	1.Munavvar KA 2.Muhammed Niyas 3.Robin R
4	Event Zone- Online event Mgmt System for college festivals	SANGEETHA	3	Jinsina Anagha M Kumar Muhammed Shafi
5.	Kudumbashree automation	SANILA	3	Muhammed Anees N Shiwani BM Farsana Jasmin
6	Auto leasing information system	JOHNSON	3	Ameena sherin V Dilsha Ansar Rashid Ali
7.	Online real Estate ManagementSystem	VIJITHA	2	Najiya Nasrin Shabeeha Sherin



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5.Workshops

1	Android Application Development	Anoos Babu - GEMS College - 20.12.19
2	Hardware maintenance and software installation	Baiju P.B(Air Links Solutions, Ernakulam) 24.10.2019
3	Web Designing	Sooth Solutions Pvt. Ltd, Calicut(5.12.2019)
4	Cryptography and network security	Ms. Neetha Francis, Department of Computer Science, Pazhassiraja College, Pulpally 21.11.19





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6. E content Developed

Sl No	Teacher	Subject Name	Link
1	Suma N	Microprocessor	google meet,zoom ,watsapp, google class room
2	Rasheed NK	Software testing	google meet,zoom ,watsapp
3	Sangeetha Mary	Operating system	google meet,zoom ,watsapp,google class room



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4	Sanila Satheesh	Data structures	google meet, zoom , whatsapp
5	Vijitha CS	Software Engineering.	google meet, zoom , whatsapp

7. Fests and Competitions

Onam the harvest festival of Kerala was celebrated in the department on 4th September, 2019. Flower carpet was made by the students of the department. Various cultural activities were conducted. 'Onam Sadhya' was also arranged.





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Tezla 2.0 (IT fest)

The second version of Inter collegiate IT Fest, TEZLA 2.0 was conducted on 14/01/2020. Students from various colleges participated in different events (Coding, IT Quiz, Gaming, Treasure Hunt, Hardware assembling, Spot Photography, Spot Dance). An exhibition was also conducted as part of the event.





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8. Achievements of the students in curricular and extracurricular activities

	Student Name	Achievement
1	MIDLAJ C	HTML Fundamentals course Issuing Authority: Solo Learn
2	MIDLAJ C	CrossRoads 100 K Coding Challenge Packapeer Academy
3	It Fest At Imam Gazali	Various prizes



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CERTIFICATE SOLOLEARN

Issued 24 November, 2019

This is to certify that
Midlaj C
has successfully completed the
HTML Fundamentals course




Yeva Hyusyan
Chief Executive Officer

Certificate #1014-14824862

100KCC36635

CERTIFICATE OF COMPLETION

100K CODING CHALLENGE

THIS IS TO CERTIFY THAT

Midlaj C

Has successfully completed the "100K CODING CHALLENGE" Conducted by
Packapeer Academy during 20-Nov-2019 to 27-Feb-2020

packapeer /> **CROSSROADS**
HOW FAR CAN YOU GO



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9.Students Attended Army Attachment Camp :

The Army Attachment Camps (AAC) are conducted by the NCC in collaboration with the Indian Army. In this camp, the cadets were trained in the military tactics including day and night warfare and also got familiar with the weaponry.

CADET NO	RANK	NAME	RESULT
KL/19/SDA/202574	Under Officer	MANOJ P M	PASS
KL/19/SDA/202570	CMS	AMAL MANOJ	PASS

10. BEST PRACTICES

BEST PRACTICES OF THE DEPARTMENT

1.Tezla 2.0 (IT fest)

The second version of Inter collegiate IT Fest, TEZLA 2.0 was conducted on 14/01/2020. Students from various

colleges participated in different events (Coding, IT Quiz, Gaming, Treasure Hunt, Hardware assembling, Spot

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11.Certificate course conducted by department

SI No	Name of certificate course	date	duration(hrs)	No of students
1	Hardware assembling and software installation	10/08/2019	30	68



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CERTIFICATE
OF APPRECIATION



This is to Certify that Mr./Ms.

Aamir Hussain

Has successfully completed the Certificate course on

Hardware Assembling and Installation
Conducted by the Department of

Computer Science

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



Aamir Hussain
COURSE COORDINATOR

[Signature]
HEAD OF THE DEPARTMENT

[Signature]
Principal
W.M.O. Arts & Science Co
Muttill P.O. Wayanad



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12. Internships and MoU

MoU is signed by the department with CDAC for providing expert system lecture in embedded systems.

भारतीय गैर न्यायिक
एक सौ रुपये **Rs. 100**
रु. 100 ONE HUNDRED RUPEES
सत्यमेव जयते
भारत INDIA
INDIA NON JUDICIAL

കേരളം കേരल KERALA BX 837813

MEMORANDUM OF UNDERSTANDING

This memorandum of understanding is made and entered into on this 21st day of January 2019

Between

CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING, VELLAYAMBALAM, THIRUVANANTHAPURAM – 695033 (formerly Electronics Research & Development Centre), a constituent Unit of C-DAC, a Scientific Society of the Ministry of Communications and Information Technology (MCIT), Government of India, registered under the Societies Registration Act of 1860, having its registered office at Pune, (hereinafter referred to as "C-DAC(T)", which expression shall, unless it be repugnant to or inconsistent with subject or context thereof, include and be deemed to include their heirs, executors, successors or administrators and assigns) on the **ONE PARTY**

And

WMO ARTS AND SCIENCE COLLEGE, MUTTIL, KALPETTA, WAYANAD PIN-673122 hereinafter referred to as "WMOASC", which expression shall include and deemed to include their heirs, executors, successors or administrators and assigns, of the **OTHER PARTY**. Hereinafter collectively referred to as the "Parties" or individually as the "Party".

No. 21550
Date 21/1/2019
Issued to: [Signature] WMO College
SYAMALA.P.
Ad-hoc Stamp Vendor
Kalpetta
[Signature]

DISTRICT TREASURY
WAYANAD
28 JAN 2019
KALPETTA NORTH
PIN: 673 122



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കേരളം കേരल KERALA

BX 837812

A. Statement of Intentions

Whereas **CDAC(T)** is a Scientific Society under the Ministry of Communications & Information Technology, Govt. of India, executing a number of projects directly for the Government and the Defense.

Whereas **WMOASC** is a premiere academic institute in the country with academic expertise in the field of VLSI & Embedded Systems, Computer Applications and Electronics and Commerce. The institute also offers UG programmes in Electronics , Computer Applications, Mathematics, Physics.

Whereas **WMOASC** needs support from **CDAC(T)** in the following areas:

- Expert lecture in embedded systems, VLSI Design, Signal Processing, Cyber Forensics, Information security & Power Electronics.
- The invited talk, seminars, workshops in the field mentioned above(a)
- Short term training & industrial visits for **WMOASC** staffs & students at CDAC(T) premises with prior notice.
- Allowing final Year students to do project work at CDAC premises/providing guidance to project work at **WMOASC** campus.
- Guidance and support for executing projects undertaken by **WMOASC**.
- Undertaking collaborative projects from other agencies and executing them.

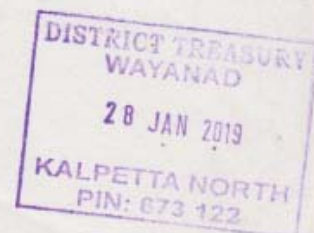
NO. 21545
Date 12/2/2019
Issued to.....

SYAMALAP.
Ad-hoc Stamp Vendor
Kalpetta

[Signature]

[Handwritten signature]

[Handwritten signature]





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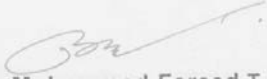
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In acceptance to the above, we here with append our signatures below on this the 21st day of January 2019.

For and on behalf of CDAC(T)

For and on behalf of WMOASC

Bhadran V K
Sr. Director
CDAC Thiruvananthapuram


Dr. Muhammed Fareed T.P
Principal
WMO Arts and Science College

Principal
W.M.O. Arts & Science College
Muttill. P.O., Wayanad



Place: Thiruvananthapuram
Date: 21.01.2019

Place: Muttill
Date: 21.01.2019

Witnesses:

(1)
VINESH - P
IT Department
WMO Arts & Science College
Muttill

(2)
Rasheed. N.K.
Asst. professor
Dept. of Computer Science
WMO Arts and Science College,
Muttill







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13. NCC enrollment details

Sl no	Cadet number	Name	Camp attended
1	KL/19/SDA/202574	MANOJ P.M	AAC CAMP
2	KL/19/SDA/202570	AMAL MANOJ	AAC CAMP,
3	KL/19/SDA/202584	VISHNUDAS M.S	
4	KL/19/SDA/202582	RAHUL K.S	
5	KL/19/SDA/202567	AFLAH SALDAN	
6	KL/19/SDA/202569	AKSHAY M	



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**Report on student centric methods, such as experimental learning,
participative learning and problem-solving methodologies are used for
enhancing learning experiences using
ICT tools
2019-2020**

CONTENTS

1	ICT facilities available in the department
2	Industrial visit
3	Students project
4	Students seminar
5	Field survey
6	Workshop
7	Seminar
8	Group discussion
9	Debate
10	Skill development Programme
11	Assignment
12	Quiz
13	Students manuscript Magazine
14	Fest inside the department

1. ICT facilities available in the department

The department is rich in ICT enabled infrastructure for enhancing the learning experience of the students. one class room of the department is smart class.

List of facilities available

Sl.No	Item	Quantity
1	Smart class room	01
2	Computer	02
3	Printer and Scanner	01
4	Projector	02
5	WiFi-	Available

2. Industrial Visit

Department organized a three day industrial visit during the dates of 3/3/2019,4/3/2019,5/3/2019 for second year B. Com students. The industrial visit aim



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to aid the student acquired basic knowledge of industry and functioning with the experience of various culture. The visit was conducted on Kochin Shipyard Ernakulam, Kerala. Cochin Shipyard was incorporated in the year 1972 as a fully owned Government of India company. In the last three decades the company has emerged as a forerunner in the Indian Shipbuilding& ship repair industry.



3. Students projects

<u>Sl.No</u>	Title of the project	Programme UG/PG	Name of the student	Name of the supervisor
1	A study on importance and usefulness of plastic money	UG	Muhsin Mubarak	Kabir.P
2	A study on influence of celebrity endorsement on buying habit of college students in Wayanad	UG	Aleena.P.T	Kabir .P



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3	A Study on investors attitude towards postal payment scheme	UG	Muhammed Muflih.P	Fousiya.P
4	A study on effect of work place environment on health and wellness of plantation employees with special reference to Harisons Malayalam Plantation Limited	UG	Praveena PR	Mahmood Aslam
5	A study on the quality of work life among employees with special reference to Fathima Farms Private Limited Chembra Estate	UG	Shahada KA	ShabeerAli Pulikkalath
6	A study on effect of workplace environment on health and wellness of plantation employees with special reference to Harisons Malayalam Plantation Limited Achoor Estate	UG	Rosly R	Mahmood Aslam
7	A study on the effectiveness of ASAP towards employment Generation with special Reference to students in Wayanad district	UG	Sharon.K.M	Mahmood Aslam
8	A study on consumer attitude towards Eco-Friendly Products With Special refernce to Sulthan Bathery Municipality	UG	Farsana K	ShabeerAli Pulikkalath
9	A study on reflection on agricultural insurance with special reference to Padinjarathara Panchayath	UG	Akshaya.C.M	Fousiya.P
10	A study on brand awarness of woodland products among youth with special special reference to Pootahdi GramaPanchayath	UG	Aysha Farhana.K	Fousiya.P
11	A study on the work life balance of Nursing staff in private hospitals at wayanad	UG	Athira Balu.P.B	Mahmmod Aslam
12	A Study on the qulaity of work life among employees with special reference to Fathima Farms PVT.LTd,	UG	Anagha .U.M	ShabeerAli Pulikkalath



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	Chembra estate			
13	A study on attitude of college students towards entrepreneurship with special reference to Wayanad district	UG	Ajitha .M.K	ShabeerAli Pulikkalakath
14	Effectiveness of work from home project report	UG	Shanid P	Kabir.P
15	A comparison of customer satisfaction with private and public sector road transportation services	UG	Abeesha Babau	Fousiya.P
16	Influence of online shopping platform among retailers in wayanad district	UG	Salman Faris	Muhammed Rafi N
17	A study on the effectiveness of Google Meet and Zoom in online learning among college students in Wayanad district with special reference to Sulthanbathery	UG	Muhammed Anas PA	Dr. Shabnam
18	A study on customer perception towards Royal Enfield with special reference to Kalpetta Municipality	UG	Amal VA	ShabeerAli Pulikkalakath
20	influence of online shopping platform among retailer in Wayanad district	UG	Muhammed Sufail PS	Muhammed Rafi N
21	study on prospects and challenges of and women entrepreneurship in Wayanad District special reference to Kalpetta	UG	Vismaya MK	Dr. Shabnam
22	Stress level among bang Employees with a special reference to Mepady grama panchayat	UG	mufeeda V	Muhammed Rafi N
23	economic empowerment of women through entrepreneurship a study in Kerala with special reference to Wayanad district	UG	Mumthas KK	ShabeerAli Pulikkalakath
24	A study about microfinance relation with special reference to kudumbashree in	UG	Muhammed Ajmal M	Dr. Shabnam



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	panamaram panchayat			
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26	A study on importance and usefulness of plastic money	UG	Adil Rameez. PR	Kabir. P
27	A study on influence of celebrity endorsement on buying habit of college students in Wayanad	UG	Kavya Mohanan	Kabir. P
28	Study on reflection of agriculture insurance with special reference to padinarthara panchayat	UG	Sulthana Farveena	Fousiya.P
29	A study of online shopping and offline shopping in Wayanad district with special reference to moopenad panchayaA	UG	Mahasina TV	Dr. Shabnam
30	A study on brand Awareness of Woodland products among youth with special reference to Poothady grama panchayath	UG	Vidyamol K	Fousiya.P
31	Impact and effectiveness of online advertisement in buying behaviour of customer with special reference to Sultan Bathery Taluk	UG	Adhil VP	fousiya.P
32	A study on effectiveness of customer retention strategies in banking sector with special reference to Wayanad district	UG	Muhammed Shibili K	Mahmood Aslam. K
33	A study of online shopping and offline shopping in Wayanad district with special reference to Mupenad panchayat	UG	Thesniya C	Dr. Shabnam
34	Stress level among bank Employees with a special reference to Mepady grama panchayat	UG	Nora G omath	Muhammed Rafi N



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35	A study on effectiveness of customer retention strategies in banking sector with special reference to Wayanad district	UG	Hanish P	ShabeerAli Pulikkalakath
36	Level of customer satisfaction in online shopping during Covid19 pandemic	UG	Vishnupriya.M.K	Muhammed Rafi N
37	A study on customer satisfaction on online banking with a special reference to Kalpetta	UG	Arathi.P	Dr. Shabnam
38	Level of customer satisfaction in online shopping during Covid19 pandemic	UG	Arshada Jasmin.K.A	Muhammed Rafi N
39	A comparison of customer satisfaction with private and public sector road transportation service	UG	Lakshmi Pankaj	Fousiya.P
40	Study on consumer preference and satisfaction towards fast food with special reference to Vythiri Taluk wayanad district	UG	Farsheena.T	Kabir.P
41	A study on the effectiveness of Assap towards Employment generation with a special reference to students in Wayanad district	UG	Aysha Neha Binth Abdulla	Mahmood Aslam
42	A study on customer satisfaction on online banking with special reference to Kalpetta	UG	Asmila Sherin.V.P	Dr. Shabnam
43	The effectiveness of work from home	UG	Muhammed Naseef	Kabir.P
44	A study about microfinance relation with special reference to kudumbashree in panamaram panchayat	UG	Stiney Sunny	Dr. Shabnam
45	A study on prospects and challenges of women entrepreneurship in Wayanad district with special reference to Kalpetta	UG	Sreeraj.J	Dr. Shabnam
46	A study on customer towards digital money with special reference to	UG	Sijith Kumar.M.S	Kabir.P



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	Meppadi panchayath			
47	A study on customer attitude towards eco friendly products with a special reference to Sultan Bathery municipality	UG	Rishana.P.A	ShabeerAli Pulikkalakath
48	Impact and effectiveness of online advertisement in buying behaindustriaviour of customer with a special reference to Sultan Bathery Thaluk	UG	Shahana parveen O.P	Fousiya.P
49	Economic empowerment of women through entrepreneurship yesterday in Kerala with special reference to Wayanad district	UG	shahana Sherin	ShabeerAli Pulikkalakath
50	Study on consumer preference and satisfaction towards fast food with special reference to Vythiri Taluk Wayanad district	UG	Shahanas P.R	Kabir.P
1	A study on socio economic heritage of labour migration in Wayanad district	PG	Sumesh P.S	Mahmood Aslam
2	Study on the effectiveness of public distribution system with special reference to Vythiri panchayat	PG	Sruthi Pavithran	Dr.Sabnam.P
3	A study on consumer attitude towards the green product with the special reference to victory grama panchayat	PG	Sona MR	Kabir .P
4	A study on service quality of non banking financial companies with a special reference to Muthoot	PG	Shameema Sakeer K	Dr.Shibina.M
5	A study on work life balance of working women in IT companies with a special reference to Kozhikode district	PG	Safiyath.K	Dr.Sabnam.P
6	Study on financial knowledge and stock market knowledge working women with	PG	Ramzeena Rasheed	Shabeerali Pulikalakath



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	special reference to Wayanad			
7	Study on consumer right awareness in rural area with special reference to Panamara	PG	Ramseena Abdul Hameed	Dr.Shibina.M
8	Role of entrepreneurial attitude in developing self employment intention among college students in Wayanad	PG	Priya Mohan	Shabeerali Pulikalakath
9	Study on the role of trade union in employee satisfaction with a special reference to KSRTC Sultan Bathery depot	PG	Nethu Raj	Kabir .P
10	A study on the effectiveness of agriculture subsidies in Sultan Bathery Wayana	PG	Muhammed Salih	Muhammed Rafi.N
11	Influence of personality tribes on attitude towards stock market and empirical study in Wayanad	PG	Anumol Biju	Shabeerali Pulikalakath
12	A study focused on the investment pattern of salaried person in Perambra locality	PG	fathimathu Febina	Muhammed Rafi.N
13	A comparative study on public sector and private sector banks with special reference to Wayanad district	PG	Fathima Shili .K.S	Kabir .P
14	Study on the reason behind the deviation in active trading habit of investors in Wayanad	PG	Amala k shaji	Muhammed Rafi.N
15	Role of MSME in eradication of unemployment during covid-19 pandemic in Wayanad district	PG	Aneesatt	Muhammed Rafi.N
16	Professionalism a preliminary study on college teachers of Wayanad	PG	Aneeta Antony	Mahmood Aslam
17	A study on government financial support to micro business in Wayanad	PG	Leya Bijoy	Muhammed Rafi.N



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18	Study on consumer awareness of green banking initiative in banks with special reference to Sultan Bathery Taluk	PG	Krishna N.K	Dr.Shibina.M
19	A study on employee satisfaction in Handloom sector special reference to Wayanad Handloom	PG	Jisna Kunjimon	Kabir .P
20	A study on non performing asset management in banks in India with a special reference to Sultan service Cooperative	PG	Ashif .C	Dr.Sabnam.P
21	A study on role of kudumbassy in women empowerment with a special reference to muttil grama	PG	Ajith K.J	Dr.Shibina.M
22	A study on performance of Akshaya centre in promoting e governance and assessment in the lens of general public with special reference to Sultan Bathery	PG	Sruthy.T.R	Mahmood Aslam
23	A study on impact of development of tourism on tribes with a special reference to Mananthavady	PG	Stephena Celastian	Dr.Sabnam.P
24	Mindfulness and impulse buying a study on college students in Wayanad	PG	Ann Mary.M.K	Shabeerali Pulikalakath
25	Study on awareness and response of consumers towards Indian Consumer Protection Act with a special reference to Meenangadi panchayat	PG	Anjali M.K	Dr.Sabnam.P
26	A study on customer Awareness of Banking service which is respective various types of bank	PG	Anjali Misra	Kabir .P
27	A study on the effectiveness of e-commerce after covid-19 with a special reference to Sultan Bathery	PG	Ardra.C.B	Dr.sabnam.P
28	A study on effectiveness of customer retention strategies in banking sector it	PG	Anupama Suresh	Mahmood Aslam



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	is special reference to Wayanad district			
29	A study on service quality of healthcare sector with special refernce to government hospital , Kainatti	PG	Anouksha .O.M	Mahmood Aslam

4. Students Seminar

Department conducting student's seminar in each semester through these each and every student get chance for presenting their own views and ideas. This helps them to prepare research paper on their own capacity later in their higher studies. Valuation of seminar presentation by the teacher take into consideration for their internal mark



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201-20

Auditing and Corporate Governance

Reg no	Name	Topic
WMAQBCM001	AFNAS P A	Auditing - meaning
WMAQBCM002	MUHAMMED NABITH K M	Basic principles & techniques
WMAQBCM003	MUHAMMED NASEEF ANWER K K	Auditing and investigation
WMAQBCM004	AKHILA GEEVARGHESE	Classification of Audit, Audit Planning
WMAQBCM005	ANOURSHA O M	Qualities of an auditor
WMAQBCM006	ATHIRA C S	Advantages and limitations of audit
WMAQBCM007	FATHIMA AFSINA K	Vouching - Definition
WMAQBCM008	HARITHA BALAKRISHNAN	Features
WMAQBCM009	NAMITHA V P	Examining vouchers
WMAQBCM010	NEENU K S	Vouching of cash book
WMAQBCM011	NEERAJA A P	Vouching of trading transactions
WMAQBCM012	NEETHU K S	Verification and valuation of assets
WMAQBCM013	RIYANA SHERIN	Meaning, Definition and object
WMAQBCM014	SHAHANA A P	Vouching and Verification
WMAQBCM015	TESSY POULOSE	Verification and valuation of different assets
WMAQBCM016	THAHASINA M K	Internal control
WMAQBCM017	AFSEENA K M	Internal cheque
WMAQBCM018	AJMAL V	Internal Audit - Definitions Necessity
WMAQBCM019	AKSHAYA N B	Difference between internal check and internal audit
WMAQBCM020	ANANDHU P V	Special areas of audit
WMAQBCM021	ANSIYA NARAYANAN	Tax audit and management audit
WMAQBCM022	AZAD S B	Recent trends in auditing
WMAQBCM023	BINSHAD C	Relevant auditing & Assurance standards
WMAQBCM024	CHAITHANYA JAIN	Rights duties and liabilities of auditor
WMAQBCM025	FABEENA SHERIN	Audit committee
WMAQBCM026	FASEELA	Auditors report



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WMAQBCM027	FATHIMA PARVEEN C K	Performance Appraisal- Meaning, features, Needs, objectives, Process
WMAQBCM028	FEMINA MANDOKKARA	Methods of Performance Appraisal
WMAQBCM029	GOPITHA G	Types of Appraisal, Essential Requirement of an effective appraisal, Limitations
WMAQBCM030	HAMRAZ	Problems in Performance Appraisal, Career Development and Planning
WMAQBCM031	HARSHAL K	Career Planning Process, Individual career Planning process or method
WMAQBCM032	HARSHEENA MUHAMMED	Career Development :- objectives, steps
WMAQBCM033	IRFANA P K	Compensation :- Employee compensation, Compensation Planning, Objectives
WMAQBCM034	KARTHIK BABU	Essential features of a Good Compensation Management, Wage Systems
WMAQBCM035	KAVYA KRISHNAN	Process of Wage Determination, Supplementary compensation
WMAQBCM036	MIDLAJ A P	Types of Incentive Schemes
WMAQBCM037	MOHAMMED MUSTHAFA	Group Incentive System, Fringe Benefits
WMAQBCM038	MRUDULA MURALI	Grievances, Causes, Grievance Redressal
WMAQBCM039	MUHAMMED NIYAS P	Role of HR Manager in Grievance Handling
WMAQBCM040	MUHAMMED SHAN C	Essentials, Rights and Responsibilities Absenteeism
WMAQBCM041	MUHAMMED SINAN E	Group discipline Approach
WMAQBCM042	NAJIYA NASREEN	Essentials of a Good Disciplinary System
WMAQBCM043	NIDHILA K R	Punishment Significance of Hot stove Rule
WMAQBCM044	NITHIN JOSEPH P	Labour Participation in Management
WMAQBCM045	RADHIKA V R	Methods of Workers Participation in Management
WMAQBCM046	REJISHA P R	Functions of Human Resource Management
WMAQBCM047	REMYA RADHAKRISHNAN	Characteristics and scope of Personnel Management
WMAQBCM048	SAFANA NAJMATH K	EHRM
WMAQBCM049	SAHADI C	Manpower Planning and Human Resource Planning
WMAQBCM050	SANGEETHA S	Short Term Manpower Planning, Long term Manpower Planning
WMAQBCM051	SANOOP P S	Process of Human Resource Planning
WMAQBCM052	SARANYAMOL K S	Separation, Training of employees, Training concept
WMAQBCM053	SARATHIITH	Training Evaluation



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WMACBCEM204	SHAHANA K M	models and benefits of corporate governance
WMACBCEM205	SHAMEED C A	Kingfisher distinet
WMACBCEM206	SHANA SHIBU T E	Value Finance
WMACBCEM207	SULFEENA NAZM K	Special areas of audit
WMACBCEM208	THANU T M	Tax audit and management audit
WMACBCEM209	UNAS	Classification of Audit
WMACBCEM210	UNAIIDA K	C governance



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5. Field Survey

Students of final B.com and M.com conducting field visit every year each student identifying a field. He or She has interest and preparing questionnaire or schedule for collecting first hand information from the source with the help of teacher guide. Data collected through this field study form base for preparing their project report and the data so collected kept in the department data base for future references.

6. Group discussion

Department conducted group discussion on corporates in march 2022 about Kerala budget for the students of 2nd year class divided into four groups and each group given various trust areas of budget. Students actively participated and advocated for the benefit advantages and disadvantages of budget

7. Assignment

Students of the department preparing and submitting assignment on various topics. assignment in each semester through these each and every student are able for presenting report professionally. This allows the students to gain knowledge and skills about various topics. They are also exposed to valuable insights and various concepts. Valuation of assignment by the teacher take into consideration for their internal mark.

8. Students manuscript and magazine

Our UG students brings a manuscript journal titled as "Business Mirror-Volume-11. That containing incredible articles of students in various part of the society.

Our UG Students bring out Magazine titled as "Rural co-operator "That containing students work about the functions, policies, developments and reforms in co-operative sector in rural areas.

9. Mock interview

In order to face interview after studies, department organised a mock interview session to those students who are in final year class. Faculty members in the department lead session, it will benefit the students a lot to make them able to face interviews, group discussions etc. fearlessly.

10. Quiz

As part of the Azadi Ka Amrut Mahotsav, Department conducted a inter department quiz competition. The topics dealt in the quiz were current affairs and Indian



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Freedom Struggle. Quiz are an interactive platform for students were there participate to gain knowledge seek opportunity to excel beyond academics and not to rewarded with prizes.

11. Internship

The final year students of the department attended internship programs in various Industries. It helps the students to getting practical knowledge about the various activities of the organization. Sample Project Internship Certificate



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12. Debate

As a part of curriculum activities the Pg department of VOMmerce conducted a debate session on the topic of issues and prospects of GST for Final year UG and PG students of the department . In those session the students discussed the merits and



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demerits of GST. It is a formal discussion on a particular matter and it helps the students to get acquire the in-depth knowledge of GST practice of our country

13. Skill Development Programme

Department conducted various skill development program for enable the students to take up training to secure a better understanding about a particular area. The department conducted a session for providing knowledge about excel to students through google meet. It helps them to use excel practically and identifying various features available in the excel.

Institutional visit

M.com students from PG department of commerce visited IIMK(Indian Institute of Management , Calicut) on November 06 2019. There is an interaction session conducted with the faculties of IIMK. It helps the students to get awareness regarding the academic atmosphere of the institution. Students visited the library of IIMK and a session handled by the library assistant about the usage of the database system of the institution. It supported the PG students for their academic writing.

November 06 2019



Food Fest

PG department of Commerce conducted one day food fest *Food de Casta* on 18th December 2019. It enables the students to learn how to manage a program



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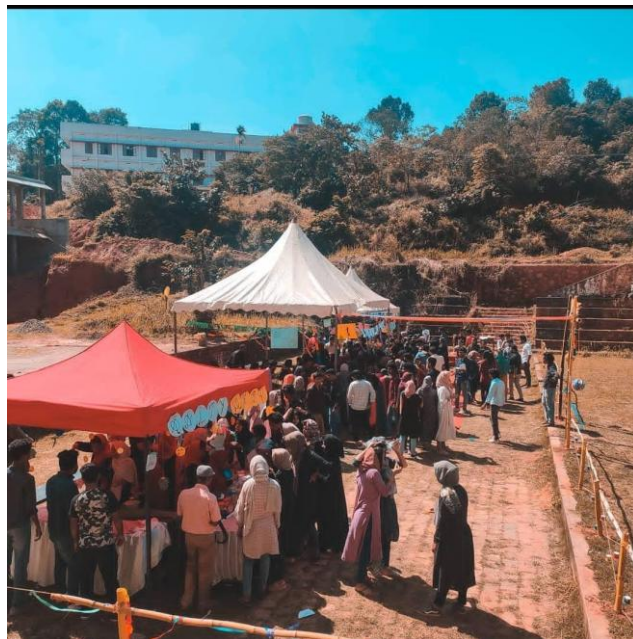
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and also helps to learn various marketing strategies and techniques. Students opened various stalls for different items of food it includes Indian, Chinese and traditional foods etc. As part of these festival various food related games and competitions are conducted. The stalls are also used by the outside business agencies who are collaborated with the department for their product promotion. It gave an idea to the students about the promotional techniques of the various business organizations.





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Report on Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

2019-20.

1.	ICT Facilities in the Department.
2.	Bridge Course
3.	Certificate Course
4.	Remedial Classes
5.	Nanditha Endowment
6.	Workshop
7.	Student Presentations
8.	Mentoring
9.	Project
10.	NSS

1. ICT FACILITIES AVAILABLE IN THE DEPARTMENT:

The department uses various ICT based infrastructure for enhancing learning experience of the students.

1.	Printer	1
2.	Computer	1
3.	Wi-Fi	Available

2. BRIDGE COURSE

Department of English offered Bridge Course to the first-year students in order to assimilate with higher education system. It primarily focused on communication skills, soft skills and basic awareness of collegiate education. The course was designed for 15 hours in which three modules got covered.



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Module 1 (Basic Grammar)

- Parts of speech and sentence
- Fundamentals of Verb
- Tense, Tense forms and applications
- Subject Verb agreement (Concord)
- Vocabulary Building
- Phrasal verb
- Question Tag
- Active and Passive Voice

Module 2 (Soft Skills)

- Inter Personal Skills, Emotional Skill and Public Skills
- Critical Thinking and Problem Solving
- Interviews and Group Discussion

Module 3 (Higher Education)

- Modes of Higher Education
- Basic Awareness of Collegiate Education

3. CERTIFICATE COURSE

Communicative English – 30 students

The Department of English organized a certificate course of communicative English to make students fluent in English.



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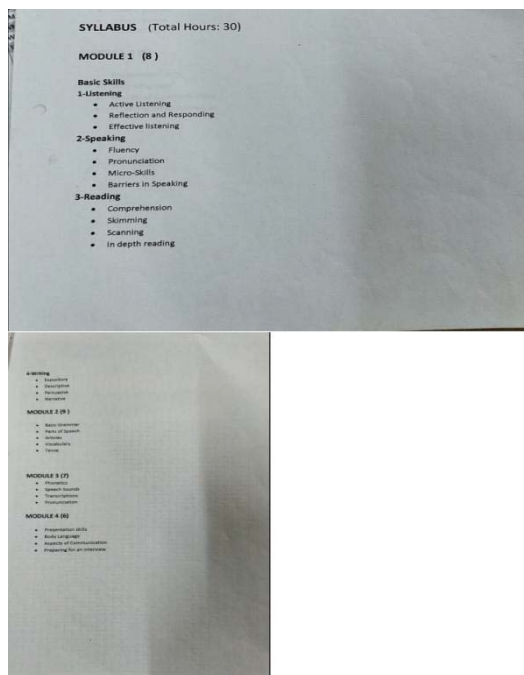
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4. REMEDIAL CLASSES

The department conducted a pre –requisite test to find advanced and slow learners. The faculties gave remedial classes to those who were identified as slow learners. The class helped them to improve their studies.

5. NANDITHA ENDOWMENT PROGRAM

The department organized an I-TALK in connection with Nanditha Endowment Day. The program was conducted in inter collegiate level, where students from various colleges from Wayanad participated.



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6. WORKSHOP

PG Department of English organized a workshop on Effective Communication Techniques. The session helped the students to enrich their communication techniques. Mr. Aboobacker Siddique, managing director, Shone Education Centre Dubai interacted with the students.



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WMO College, Muttil
PG Department of English

WORKSHOP
on
Effective Communication
Techniques

Mr. Aboobacker Siddeeqe 19th Nov '19

- Managing Director, Shone Education Centre, Dubai
- Head of Operations, Al Salama Group of Institutions, India
- Owner & Manager, Nest Hostelling, India





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7. STUDENT PRESENTATION

Department of English conducted paper presentations twice in a month giving the Pg students great opportunity to develop their research and presentation skills.



8. MENTORING

The department follows a mentoring program which enables the students to provide feedback to teachers on curricular issues, college infrastructure and administrative matters. This is carried out through groups of students (12 each) 10 faculties in the.



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"Education and some more"

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

P.O. MUTTIL, WAYANAD, KERALA – 673122

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Department. Time to time interaction between the faculty and the students in particular groups is maintained on a regular basis. We could minimize the dropouts through personal counseling, promote better discipline in the campus and maintain a respectful relationship between teachers and students

9. PROJECTS

NAME	TITLE OF DISSERTATION	NAME OF THE SUPERVISOR	INSTITUTE OF THE SUPERVISOR
AFNA	STRUGGLES AND SURVIVAL DURING PARTITION; A STUDY OF TRAUMA AND MEMORIES IN LAJWANTI BY RAJENDAR SINGH AND ICE CANY MAN BY BAPSIDWA	MR. UVAIS	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
ASOORI	THE PLAY OF CAST AND GENDER A BRIEF ANALYSIS OF SELECTED PADMARAJAN FILMS	MR. UVAIS	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
DWITHY V S	INTERROGATING INDIAN	MS. ANU VILLOTH	WMO ARTS AND



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	NATIONALISM IN THE POSTCOLONIAL CONTEXT ; A STUDY OF THAROOR'R SRIOT ; AS A LOVE STORY AND SALMAN RUSHDIE'S SHALIMAR THE CROWN		SCIENCE COLLEGE, MUTTIL
FAYIZA	INSIDE THE GENDER JIHAD: THE DEPICTION OF WOMEN IN CELESTIAL BODIES BY JHOKA ALHARTHI	MS. SHANA SHABNAM	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
FEBINA S J	INTERROGATING THE DALIT LIFE IN THE INDIAN CONTEXT : A STUDY OF PERUMAL MURUGAN'S POONACHI OR THE STORY OF A BLACK GOAT	MS. AMRUTHA V S	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
FIDA V	NATION WITH IN A NATION:A STUDY ON ARUNDHATHI ROY'S THE MINISTRY OF UTMOST HAPPINESS AND KHUSHWANT SINGH'S TRAIN TO	MS. ALMAS NOULU	WMO ARTS AND SCIENCE COLLEGE, MUTTIL



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	PAKISTAN		
MEGHA UNNIKRISHNA N	EXISTENTIALISM IN LAILA	MS. SHABNA	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
RINSHAD	MARRIAGE, ADULTERY AND FAMILY; A THEMATIC STUDY OF ANNA KARENINA	DR. FAIZ ABDULLAH	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
SAJIRA K M	IN SEARCH OF LONELINESS AND SELF ALIENATION IN THE ASH GARDEN AND TRAIN TO PAKISTAN	DR. NARAYANAN	WMO ARTS AND SCIENCE COLLEGE, MUTTIL



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NAME OF THE STUDENT	TITLE OF THE PROJECT(UG)	SUPERVISOR	INSTITUTE OF THE SUPERVISOR
ARSHIDA P	CELEBRATING ORDINARINESS:A STUDY ON NEW TRENDS IN 21ST CENTURY MALAYALAM FILMS	MR.MUHAMMED UVAIS P A	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
BARJAS C K	RACIAL PREJUDICE REVEALED IN HARPER LEE'S <i>TO KILL A MOCKINGBIRD</i>	MS.AMRITHA V S	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
FEBINA K V	REGENERATING INDEGENOUS WOMEN SELF:NEGOTIATING RACE,ETHNICITY AND CULTURE IN ALICE WALKER'S <i>THE COLOUR PURPLE</i>	MS.KAMARUNNISA	WMO ARTS AND SCIENCE COLLEGE, MUTTIL



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MUHAMMED RIYAS	DIGNITY OF LIFE:PARIYERUM PERUMAAL	MS ANU VILLOTH	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
	AS AN EMERGENCE OF THE		
	DOWNTRODDEN		
RAMSHEENA SHERINA C	A READING OF PARAJA AND <i>THINGS</i>	MR.SIDDIQUE T S	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
	<i>FALL APART</i> AS TRIBAL NOVELS		
SELIN FASEENA	AMALGAMATION OF IDENTITY AND	MR.SHADEER	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
	CULTURE:AN ANALYTICAL STUDY OF		
	BENYAMIN'S NOVEL " <i>GOAT DAYS</i> "		
AYISHA SUHANA	A STUDY ON INDIAN - DALIT	MS.NABEELA	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
	LITERATURE BASED ON THE NOVEL		



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	<i>UNTOUCHABLE</i> BY MULK RAJ ANAND		
FATHEMA	REGIONALISM IN LITERATURE :AN	MR.SHADEER P K	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
	ANALYTICAL READING OF R K NARAYAN'S		
	<i>SWAMI AND FRIENDS</i>		
FATHIMATHU SAHALA	INEXPRESSIBLE BARBARITY: A STUDY OF	MS.SHANASHABNA M	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
	FRIGHTENED FACES IN NAZI CONCENTRATION CAMPS IN THE LIGHT OF		
	VICTOR FRANKL MAN'S SEARCH FOR		
	MEANING		
JENSIRA K K	ENLIGHTEN SELF:SOCIALIZATION OF LIVES IN THE FILM ROOM	DR. NARAYANAN M S	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
MUSTHAFA	TOWARDS FAMILY,CULTURE,DREAMS	MR.FAIZ ABDULLA	WMO ARTS AND



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	AND		SCIENCE COLLEGE, MUTTIL
	REALITY:A THEMATIC STUDY OF <i>QUEEN</i>		
	<i>OF DREAMDS</i>		
RISHANA C S	NEGOTIATING REPRESSED WOMEN SELF:	MR.FAIZ ABDULLA	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
	JUXTAPOSING RACIO-ETHNIC ISSUES IN		
	TONI MORRISON'S <i>BELOVED</i>		
ABHIJITH R	A READING OF <i>SONS AND LOVERS</i> AS A	MR.SIDDIQUE T S	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
	NOVEL OF HIUMAN RELATIONSHIP		
AJNAS P	THE ELEMENTS OF MAGICAL REALISM IN	MS ALMAS NOULU	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
	THE SELECTED WORKS OF GABRIEL GRACIA		
	MARQUEZ AND SALMAN RUSHDIE		



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ALOOB LUKMAN K	THE COLOSSAL HUMAN CATAclysm:POST	DR. NARAYANAN M S	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
	PARTITION TRAUMA IN SELECTED WORKS		
	ON PARTITION		
AMINA NOURIN	FROM DEPRESSION TO HARMONY:	MS.NABEELA	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
	RESHAPING THE HUMAN PSYCHE IN JOJO		
	MOYES'S <i>ME BEFORE YOU</i>		
JEEVA KRISHNA	QUEST FOR FREEDOM TO SOCIAL EQUALITY	MS.SHANASHABNA M	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
	LIFE OF WOMAN IN A PATRIARCHAL		
	SOCIETY IN <i>WHEN I HIT YOU AND MUSTANG</i>		
KADEEJA MALEEHA	JUXTAPOSING OPTIMISM AND PESSIMISM:	MS.SHABNA SUNEER	WMO ARTS AND SCIENCE COLLEGE,



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			MUTTIL
	AN ANALYTICAL READING OF JOHN GREEN'S		
	<i>THE FAULT IN OUR STARS</i>		
KAVYANJANA V S	REFLECTION OF SPIRIT OF ENLIGHTENMENT	MS.KAMARUNNISA	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
	PERIOD:A SATIRICAL READING OF VOLTARE		
	CANDIDE AND JONATHAN SWIFT'S		
	GULLIVER'S TRAVELS		
MUHAMMED HARSHAN	IDENTITY CRISIS AMONG TRANSGENDER:	MS ANU VILLOTH	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
P K	AN ANALYTICAL STUDY WITH REFERENCE TO		
	REDEFINING REALNESS		
NISHANA SHERIN	HIJRA LIFE AS A SOCIAL REMINDER USING	MS.AMRITHA V S	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
	IMAGES AND PROBLEMS OF A HIJRA IN		
	CONTEMPORARY SOCIETY;A STUDY ON A		
	REVATHI'S <i>THE TRUTH ABOUT</i>		



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	<i>ME A HIJRA</i>		
	<i>LIFE STORY</i>		
PARVATHI M	CORRUPTION IN INDIA:A READING ON	MS.SHANASHABNA M	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
	ARAVIND ADIGA'S <i>THE WHITE TIGER</i>		

10. NSS

There was active student's participation in the NSS unit of the college from the English Department. More than 20 students were NSS volunteers who have focused on their social responsibilities along with their academic responsibilities. The students had attended a residential camp on behalf of the NSS unit and it was a great experience for them.



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Report on Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

2019 - 2020

CONTENTS

1.	Industrial visit
2.	Student projects
3.	Laboratory courses
4.	NSS/NCC
5.	E Contents

1. INDUSTRIAL VISIT

An industrial visit was conducted for the students of 3rd year BSc. Chemistry at Brahmagiri Development Society, Paathirippalam. During the visit students were gained detailed knowledge about soap, detergent and hand wash manufacture , Soil and Water analysis.

2. STUDENT PROJECTS

NAME	REGISTER NUMBER	TOPIC	GUIDE
Enzia Hakhani M N	WMARSCH017	Preparation of biodegradable plastics	Sonima
Kavya P S	WMARSCH024		
Thabshira P	WMARSCH042		
Dilsha V S	WMARSCH015		
Shijilas P H	WMARSCH026		



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Dhanisha Salim	WMARSCH014	Nutritional value of biscuit sample	Sonima
Nufeela A N	WMARSCH 008		
Harshith K V	WMARSCH005		
Noushid K	WMARSCH030		
Shiva Kumarp B	WMARSCH038		
Sneha Sasikumar	WMARSCH040	Identification of the presence of fats,oils, arbohydrates,proteins and minerals in vegetable juice	Shahina
Rosna Sherin	WMARSCH034		
Shamal Saleem	WMARSCH037		
Ashiq T A	WMARSCH003		
Rahana Sherin	WMARSCH032		
Nismiya Jasmine	WMARSCH029	Alkali in antacids	Thomas Thevara
Soorya S	WMARSCH041		
Elizabeth Joseph	WMARSCH016		
Afna Ferin	WMARSCH010		
Hisana Thesni	WMARSCH021		
Jumana Haseen P P	WMARSCH023		
Fasna N	WMARSCH018		
Sakkiya	WMARSCH		
Fathima Safvana	WMARSCH019	A study of p^H of various hand wash and their preparation	Thomas Thevara
Riswana Thasneem	WMARSCH033		
Irfana Sheereen	WMARSCH022		
Sneha K Ajith	WMARSCH039		
Salihath	WMARSCH036		
Shadiya Nouri	WMARSCH001	A study of on ph of various detergents and their preparations	Shahina
Aysha Afeeda	WMARSCH012		
Rahana Hussain	WMARSCH031		



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Blessy Maria	WMARSCH013	Green synthesis of nanoparticles from green leaf extract	Sonima
Adharsha	WMARSCH002		
Rajeswari	WMARSCH009		
Muhsina	WMARSCH007		
Athira	WMARSCH004		
Hashifa Hyder	WMARSCH020	Analysis of anions and cations in coconut water	Shahina
Aleena Sebastian	WMARSCH011		
Lubna	WMARSCH025		
Hashina	WMARSCH006		
Sahala	WMARSCH035		

3. Laboratory courses

SL No	Programme	Semester	Course	Hours per week
1	BSc. Chemistry	I	Inorganic Chemistry Practical I	2
2	BSc. Chemistry	II	Inorganic Chemistry Practical I	2
3	BSc. Chemistry	III	Inorganic Chemistry Practical I	2
4	BSc. Chemistry	IV	Inorganic Chemistry Practical I	2
5	BSc. Chemistry	V	Physical Chemistry Practical	5
6	BSc. Chemistry	V	Organic Chemistry Practical Practical	5



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7	BSc. Chemistry	VI	Inorganic Chemistry Practical II	5
8	BSc. Chemistry	VI	Inorganic Chemistry Practical III	5

4. NCC/NSS

7 students from D2 Chemistry (2018-21) actively participated in the programmes and community services conducted as a part of National Service Scheme. Pranav, Aksa Minnu das, Hasna K, Shebina MA, Sajad, Shifna and Inshana attended seven day residential camp at WOHSS Pinangode in the year 2019.

5. E Contents

Sl no	Faculty	Tools used
1	Dr.Thomas thevara	ICT
		Power point
		You tube



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Report on student-centric methods, such as experiential learning, participative learning, and problem-solving methodologies, are used to enhance learning experiences using ICT tools.

2019-20

The University's teaching methodology focuses on imparting education through a student-centric approach. This methodology helps transform students from being relegated to passive recipients to active and involved stakeholders, apart from boosting their confidence and encouraging independence. Since students vary in their ability to comprehend and absorb it is not possible to address the needs and expectations of individual students and expect a uniform learning outcome from them all in a teacher-centric class. The teacher facilitates learning by allowing each individual student to comprehend at their personal level by ensuring their involvement in class activities so that they can absorb and grasp information at their own pace.

CONTENTS

Sl No	Methods
1	ICT facilities in the department
2	Student Projects
3	Student Seminar
4	Assignments



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5	Mock Interviews
6	Student Feedback
7	Industrial Visit

1. ICT facilities in the department

The department has policies and mechanisms in place for promoting the application of Information and Communication Technology for effective curriculum delivery. To support it Teaching Learning resources provided are adequate and ICT compatible.

The teachers use various educational technologies to support classroom teaching.

In 2019-20, teachers mainly used ICT technologies to deliver regular lectures.

Sl No	Item	Quantity
1	Projector	01
2	Computer	01
3	Printer cum scanner	01
4	Wi-Fi	Available

2. Student Projects



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Project Details Admission 2017-2020			
Reg.No	Name	Project Topic	Guide
Wmarbcm001	Asiya O	Employee Satisfaction	Praveen Mathew
Wmarbcm002	Jesna C	Effectiveness Of E-Banking	Sruthi S Kumar
Wmarbcm003	Shabana Parvin	Recruitment And Training	Santhosh T C
Wmarbcm004	Abhijith K P	Customer Satisfaction	Sruthi S Kumar
Wmarbcm005	Asmila M	Customer Attitudes Towards Mobile Advertising	Santhosh T C
Wmarbcm006	Aswini N	Awareness Of Consumers Towards Mutual Funds	Santhosh T C
Wmarbcm007	Finos K A	Customer Satisfaction Towards Maruti Suzuki Cars	Sebastian Mathew
Wmarbcm008	Jaseema Jasmine	Customer Preference Towards Sbi Banks	Santhosh T C
Wmarbcm009	Muhammed Aslam N	Spending And Savings Habit Among Trial People	Sruthi S Kumar
Wmarbcm010	Nimshila Thasneem K	Post Office Savings Scheme	Praveen Mathew
Wmarbcm011	Noora Shirin	Visitors Satisfaction On Lake Tourism	Santhosh T C
Wmarbcm012	Ramshad C S	Customer Satisfaction Of Handloom Products	Santhosh T C
Wmarbcm013	Rizan	Customer Satisfaction Towards Diesel Cars	Sruthi S Kumar
Wmarbcm014	Shadil E K	Buying Habits Of The Rural Customer Towards Sea Products	Sebastian Mathew
Wmarbcm015	Shahazoor Najad P	Customer Satisfaction Of I Phone	Praveen Mathew
Wmarbcm016	Shanavas M K	Customer Satisfaction Of Online Banking	Sruthi S Kumar
Wmarbcm017	Sona M R	Pre And Post Era Of Demonetization On E-Banking	Sruthi S Kumar
Wmarbcm018	Yadhu Suresh	Customer Satisfaction	Praveen Mathew
Wmarbcm019	Akhil Antony	Customer Preference Of Milma Milk Products	Santhosh T C
Wmarbcm020	Ameen Farhad K K	Post Office Savings Scheme	Sruthi S Kumar
Wmarbcm021	Amritha Prakash	Entrepreneurial Intercet Of B.Com And Bba Student	Praveen Mathew
Wmarbcm022	Ankitha Vinod	Influence Of Brands On Customers Buying Behaviour Towards Cars	Sruthi S Kumar
Wmarbcm023	Anshitha Banu P	Savings Habite Of Govt.Employees	Sruthi S Kumar
Wmarbcm024	Ansila Nusrin	Job Stress Of The Employees	Praveen Mathew
Wmarbcm025	Arjun Sn	Customer Satisfaction Of Royal Enfield	Sruthi S Kumar
Wmarbcm026	Ashiq Asban V	Brand Loyalty Of Addidas Products	Santhosh T C
Wmarbcm027	Ashmal Rashid T R	Influence Of Online Advertisement In The Purchasing Decision Of Youth	Santhosh T C
Wmarbcm028	Asif Suhail E	Savings Habite Of Taibels	Sebastian Mathew
Wmarbcm029	Athil Shammas	Customer Satisfaction Of Jio Sim	Praveen Mathew
Wmarbcm030	Dhanya A V	Comparitive Study Of Customer Satisfaction Between Amazon And Flipkart	Praveen Mathew
Wmarbcm031	Favas K	Women Entrepreneuship	Praveen Mathew
Wmarbcm032	Fazal Muhammad K	Customer Satisfaction Towards Post Office Scheme	Praveen Mathew



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Wmarbcm033	Junaid A K	Entrepreneurial Intercet Of B.Com And Bba Student	Sebastian Mathew
Wmarbcm034	Mohammed Shehal V P	Consumer Awareness Of E-Banking	Sebastian Mathew
Wmarbcm035	Muhammed Ajmal K	Customer Preference Towards Khadi Products	Praveen Mathew
Wmarbcm036	Muhammed Ajmal V A	Awareness Of Cosumers Towards Green Products	Sruthi S Kumar
Wmarbcm037	Muhammed Fanis M K	Women Entrepreneureship	Sebastian Mathew
Wmarbcm038	Muhammed Favaz	Spending And Savings Habite Among College Student	Santhosh T C
Wmarbcm039	Muhammed Mubashir P	Banking Habite Of Triabel People	Santhosh T C
Wmarbcm040	Muhammed Roomi K C	Awareness Of Cosumers Towards Online Products	Praveen Mathew
Wmarbcm041	Muhammed Shabeeb P C	Problems Of Marketing Of Triabel Products	Sruthi S Kumar
Wmarbcm042	Muhammed Shakil A	Habite Of Online Purchasing Of Youngsters	Sebastian Mathew
Wmarbcm043	Naslin Akthar	Role Of Supermarkets In Retail Marketing	Sebastian Mathew
Wmarbcm044	Nibin A P	Attitudes Of People In Life Insurance Policies	Sruthi S Kumar
Wmarbcm045	Nijin E V	Customer Preference Towards Branded Products	Santhosh T C
Wmarbcm046	Noorul Hakh P	Customer Spending Via Plastic Cards	Sruthi S Kumar
Wmarbcm047	Noufal Ali	Customer Preference Towards Dts Operators	Praveen Mathew
Wmarbcm048	Nujas K	Recrutement And Training	Santhosh T C
Wmarbcm050	Ramees M	Customer Satisfaction	Sruthi S Kumar
Wmarbcm051	Rinshad K	Customer Attitudes Towards Mobile Advertising	Santhosh T C
Wmarbcm052	Rishad P V	Awareness Of Cosumers Towards Mutual Funds	Santhosh T C
Wmarbcm053	Sanoop S	Customer Satisfaction Towards Maruti Suzuki Cars	Sebastian Mathew
Wmarbcm054	Shahila Muhammed	Customer Preference Towards Sbi Banks	Santhosh T C
Wmarbcm055	Shahin Rahman	Spending And Savings Habite Among Trial People	Sruthi S Kumar
Wmarbcm056	Shameel Khan V	Post Office Savings Scheme	Praveen Mathew
Wmarbcm057	Shuaib M T	Visitors Satisfaction On Lake Tourism	Santhosh T C
Wmarbcm058	Siraj Nisha R	Customer Satisfaction Of Handloom Products	Santhosh T C
Wmarbcm059	Sneha U S	Customer Satisfaction Towards Diesel Cars	Sruthi S Kumar
Wmarbcm060	Zabir E K	Buying Habite Of The Rural Customer Towards Sea Products	Sebastian Mathew
Wmarbcm124	Muhammed Fasil	Customer Satisfaction Of I Phone	Praveen Mathew
Wmarbcm126	Fasmeer E	Customer Satisfaction Of Online Banking	Sruthi S Kumar
Wmarbcm129	Muhammed Danish M	Pre And Post Era Of Demonetization On E-Banking	Sruthi S Kumar



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Wmarbcm130	Munavira Sulthana N	Customer Satisfaction	Praveen Mathew
Wmarbcm131	Husna K	Customer Preference Of Milma Milk Products	Santhosh T C

3. Student Seminar

The department is conducting seminars for all subjects every semester. It is a criterion for awarding internal marks under Calicut University. Seminars help the students to learn more about a certain topic or subject. Seminars usually involve presentations, discussions, and interactive activities that help attendees get more knowledgeable.

4. Assignments

Teachers in the department are used to giving at least one assignment in each course as part of the curriculum. An assignment is a piece of academic work or task. It provides an opportunity for students to learn, practice and demonstrate they have achieved their learning goals. It provides evidence for the teacher that the students have achieved their goals.

5. Mock Interviews

A mock interview has been conducted every year by the department for the final year students that helps students to learn how to answer questions related to their project. This process also helps in developing interview strategies, improving communication skills, and reducing stress before an actual job interview.

6. Student Feedback System



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SI No	Feedback/Focal Points	Actions Taken
1	Support for improving the basics of accounting	Conducted bridge course for the first semester UG students on basics of accounting
2	Difficulty to learn some courses was pointed out	Remedial classes on certain courses were conducted
3	The need for career guidance was insisted	Career guidance and placement cell in the college conducted orientation programs on various opportunities
4	An additional test to improve internal marks was suggested	At least three internal tests were conducted for each course and the two best performances were considered for internal assessment
5	Assessment and continuous evaluation	Viva- voce was conducted to assess the student's performance



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7. Industrial Visit

The department conducted an industrial visit with a study tour to Masco Tea Factory Vagamon, Wonderla Kochi and Lulu Mall Kochi in February 2020. 46 students of second-year B. Com CA and three Faculty members participated.





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**Report on Student centric methods, such as experiential learning,
participative learning and problem solving methodologies are used for
enhancing learning experiences using ICT tools**

2019-2020

CONTENTS

1.	ICT Facilities available in the department
2.	Workshop
3.	Student's projects
4.	Laboratory courses

1. ICT Facilities available in the Department

The department is rich in ICT enabled infrastructure for enhancing the learning experience of the students. One of the classroom is equipped with projector. The department is provided with Wifi connection.

List of facilities available

Sl.No.	Item	Quantity
1.	Projector	1
2.	Wifi	Available
3	Computer	1

2. Workshop

Sl.no	Title of the programme	Date	Targeted audience	Number of participants	Name of the resource person
1.	National conference of Statistics and workshop in R Programming	25/10/2019, 26/10/2019, 29/10/2019, 30/10/2019	PG	30	Prof.Muhammed Fareed (Principal, WMO Arts and Science College) Prof.K.Muralidharan (Associate Professor, Department of Statistics, The Maharaja Sayajirao University of Baroda)



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		31/10/2019			<p>Prof. Sebastian George (Associate Professor, Department of Statistics, St. Thomas College Pala & Pranab Sen Distinguished Visiting Professor, University of North Carolina, USA)</p> <p>Prof. K.M. Kurian (Associate Professor in Statistics, St. Thomas College, Pala)</p> <p>Dr. N. Raju (Retd Professor, University of Calicut)</p> <p>Dr. K. K. Hamsa (Retd Professor, University of Calicut)</p>
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3. Student's Project

Sl.No	Name	Topic	Guide
1	Abhaya Koyithanath	Random forest analysis on UPDRS	Ms. Saranya P
2	Abhijithkrishnu R	Inlier modelling using two parameter gamma distribution and detection	Ms. Saranya P
3	Akhila A C	Stock market forecasting	Ms. Athira Jose
4	Alan Joseph	Analysis of birth data of newborn babies in Wayanad district during 2019	Dr. K K Hamsa
5	Anjana Satheeshan	Burr distribution	Mr. Shakelurahman O P C
6	Anusha K R	Time series analysis of export of coffee	Dr. K K Hamsa
7	Aranya K	Transmitted generalized uniform distribution	Ms. Athira Jose
8	Joyal James Mathew	Cluster analysis on chemical composition of pottery data	Mr. Shakelurahman O P C
9	Shahara Banu P	Modelling and forecasting crude oil price	Ms. Athira Jose
10	Shifana N M	Employee Attrition Prediction	Mr. Shakelurahman O P C



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11	Vismaya V	Time series analysis of covid data in world China, India, America and Italy	Ms. Saranya P
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4. Laboratory courses

Sl.no.	Programme	Semester	Course	Hour per week
1.	MSc Statistics	I	Statistical Computing-I	2
2.	MSc Statistics	II	Statistical Computing-II	2
3.	MSc Statistics	III	Statistical Computing-III	2
4.	MSc Statistics	IV	Statistical Computing-IV	2

5. Certificate courses

Sl.no	Title of the programme	Date	Targeted audience	Number of participants	Name of the resource person
1.	LateX	05/08/2019 - 23/08/2019	PG	10	Dr.KK.Hamsa(Assistant Professor, Department Of Statistics, WMO Arts and Science College, Muttil.)
2.	R programming	07/10/2019 - 25/10/2019	PG	11	Mr.Shakkeelurahman OPC (Assistant Professor, Department Of Statistics, WMO Arts and Science College, Muttil)
3.	Statistical Package for Social Science (SPSS)	03/01/2020 - 23/01/2020	PG	11	Dr.KK.Hamsa(Assistant Professor, Department Of Statistics, WMO Arts and Science College, Muttil.)



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Report on Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

2019-2020

CONTENTS

Sl. No.	Contents
1	Student's project
2	Industrial Visit
3	Workshop

1. Students' Project

Number of students in the group	Project Guide	Topic
05	Jithya k	A study on consumer perception towards digital payment facilities among youth with special reference to WMO college Muttill
05	Rubeena p	A study on old age home with special reference to peace village Pinangode
05	Rubeena p	A study on social and environmental impact of tourism with special reference to pookode lake
05	Jithya k	A study on current status and challenges of woman entrepreneurs in Wayanad with special reference
05	Jithya.k	A study on consumer perception of youth towards branded fashion apparels with special reference to WMO College
05	Kabir p	A study of role of coffee plantation in rural employment generation with special reference to meenangadi panchayath



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05	Kabir p	A study on saving habit of MGNREGP workers with special reference to meenangadi
05		Impact of corona pandemic in Wayanad tourism
05	Dr.Saidmuhammed	Socio economic status and problems faced by dairy farmers : special reference to noolpuzha grama panchayat
05	Dr.Saidmuhammed	Economic efficiency and trend analysis of private sector commercial bank in India

INDUSTRIAL VISIT

On the date of 4th, 5th and 6th January 2019 Department of Economics conducted a three-days industrial visit at West coast paper Mills Limited (WCPM) located at Dandeli in Uttara Kannada district in Karnataka. A team of 52 students from Second Year B A Economics, 3 faculty members from Economics and a faculty from Arabic department visited the industry. The industrial visit organized and lead by Mr. Sebastian Mathew, HOD, and Department of economics. During the visit time, the PRO of the Mill gave all kind of information regarding the products, marketing, Technology and green information. Students came to know a different kind of products produced in the factory. Students well interacted with the guide and obtained a lot of information regarding manufacturing and marketing of the products.

Mubeena
Shibana Thengumthodi
Aneeta Varkey
Jumana Hasin
Karthika P N
Muhsina K
Nehla Sithara
Rahath Ashraf
Shaniba P M
Ajmal Habeeb
Anfal M
Muhammad Fayis
Muhammad Riyas
Shavad K P
Anusha Ravi



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Arshana K A
Athulya K M
Athulya P S
Farsana P M
Jasmin K M
Jyothika K S
Jyothi Lakshmi M S
Noushidha P
Rahina Asmi P H
Rameesa Thasleem
Saranya M R
Shahana Sherin
Shamna
Abin K Raj
Adil Muhammad
Amith Issac Zachriya
Aswanth Krishna V
Athahu Rahman K
Janeesh M R
Midhun Raj
Mohammad Rashid
Muhammad Arshad K
Muhammad Fayis K V
Muhammad Midlaj A C
Muhammed Ramees V
Muhammad Resmil
Muhammad Shanan
Muhammad Shebin
Muhammad Shibil T
Muhammad Musamil
Nijas



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Report on student centric methods, experiential learning, participative learning and problem solving methodologies are used for enhancing learning experience using ICT tools

CONTENTS - 2019-2020

1	Media visit
2	Value Added Course
3	Students Seminars /webinar
4	University project Details
5	E-Contents Developed
6	Google Class room details
7	Use of ICT tools for enhancing learning experience
8	Publication and production details
9	Details of seminars and workshop
10	Other activities



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1. MEDIA VISIT

As an integral component of their curriculum, the erudite students of Mass Communication were entrusted with a riveting task during the academic year 2019-2020, wherein they were methodically divided into diverse groups and bestowed with the unique opportunity to visit several media organizations, most notably the hallowed newspaper institutions, where they garnered priceless insights into the intricacies of the media landscape.

Preferred news paper institutions by students are as follows: -

- 1) Malayala Manorama- Kozhikode
- 2) Madhyamam – Kochi
- 3) Mathrubhumi – Kozhikode
- 4) Suprabhatham – Calicut
- 5) Deshabhimani – Calicut

SL NO	NAME OF STUDENT	NAME OF THE ORGANIZATION	SUPPORTING DOCUMENT
1	Razak & team	Madhyamam calicut	



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2	Jamsheer & team	Madhyamam calicut	
3	Muhammed Rashid & team	Deshabhimani calicut	
4	Manu & team	Deshabhi Mani calicut	



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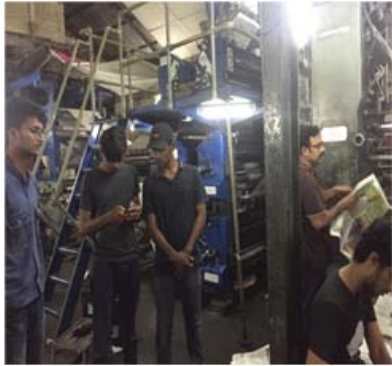
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5	Nufin & team	Deshabhimani calicut	
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1. Value Added Course

Amidst the unprecedented challenges that befell the academic year of 2019-2020, the Department of Mass Communication remained steadfast in its commitment to enriching the academic trajectory of its students, with the advent of an exclusive value-added course. Eleven astute scholars were enrolled in this course, which was deftly administered through cutting-edge online platforms such as Zoom and Google Meet. The classes commenced on the 20th of April 2020 and continued their engaging pedagogy until the 30th of the same month.

Roll number	Name of the student
1	Sherin Shanoj
2	Farsna
3	Abhey E S
4	Adarash
5	Shahanas Parvin
6	Muhammed Yaseen



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7	Muhammed Sha
8	Harshidha Sherin
9	Jafin Shan
10	Edwin George
11	Anshif

Day: 1

20-04-2020 Monday

Hours: 2 hour

The session primarily deals with the offered course structure and its evaluation methods. It also helps the student to get well prepared for the lectures that are to be given in the department throughout the course duration. Students are instructed with basics of editing in newspaper publishing. Lecturing is given on newspaper writing styles, primarily aimed at a better understanding of tabloid and broadsheet.

Day: 2

21-04-2020 Tuesday

Hours: 2 hour

In a continuation to the first introductory session, the instructor starts with the first module of the topic, where students are guided with national and international abbreviations used in newspapers. They are asked to collect the list of short forms related to the broadsheet. Additionally, local usages of newspaper writing are also taught in the class.

Day: 3



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22-04-2020 Wednesday

Hours: 2 hour

In a continuation to the last class, beat in the news gathering process is carried out for discussion. . Apart from that a brief introduction to the headline is given. In addition to the theory paper, a small practical work has been given, where students are divided into groups and familiarize the different types of headlines in the newspaper.

Day: 4

23-04-2020 Thursday

Hours: 2 hour

In a continuation to the last eight-hour long session, instruction is on beat in the news gathering process. Apart from that, a brief introduction to headlines given. Students are divided into groups and familiarize the different types of headlines in the newspaper.

Day: 5

24-04-2020 Friday

Hours: 2 hour

In a continuation to the last class, a general introduction to headline writing is given by the instructor. Students are divided into groups and asked to write different types of headlines. At the end of the session, students are well aware about the variety of headline types.

Day: 6

25-04-2020 Monday

Hours: 2 hour

In addition to the last session, the instructor provides a lecturer on design and layout, specifically for broadsheet newspapers. Furthermore, they get familiar with basic requirements needed for a sub editor. At the end of this session students are well informed with different design styles used in newspapers.



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Day: 7

27-04-2020 Tuesday

Hours: 2 hour

In this session, Students are able to analyze the different writing tasks for a stylebook. Also discusses the changing variety of usages and guidelines in newspaper writing. During the class hours, the instructor arranges the group discussion on different writing tasks in newspaper writing.

Day: 8

28-04-2020 Wednesday

Hours: 2 hour

Followed by the last session of the class, the instructor introduces a news topic on designing different newspaper pages. In addition to being a lecturer a small practical experience provides understanding of the style of inner pages in a newspaper. At the end of the class, students get a clear idea on inner page styles in the newspaper.

Day: 9

29-04-2020 Thursday

Hours: 2 hour

In a continuation to the last module students are able to understand the system of news package in newspaper page writing. Students understand the concept of news package and lifestyle pages. At the end of this session students understood life style pages in a newspaper.

Day: 10

30-04-2020 Friday

Hours: 2 hour

As a concluding session of the course, here the instructor primarily deals with the different pages in the newspaper. During the hours, the students are carried out a discussion based on different pages in a newspaper; Sunday page, supplement page, feature page. At the end of the class students are well aware about the different page



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elements in a newspaper. Additionally Students published a newspaper containing the basic elements of a broadsheet.

3 Students seminars /webinar details

The academic year of 2019-2020 bore witness to a panoply of exhilarating events, which proved to be the perfect canvas for the ingenious students of the Department of Mass Communication to exhibit their prodigious talents and emerge triumphant in a multitude of contests, thus bringing home a plethora of prestigious prizes and establishing their mettle as consummate champions.

Sl no	Name of student	Achievement	Supporting document
1	Afsal Keloth	BIFF 2020 participation	afsal.pdf
2	Farsana	National seminar on language of journalism uses and misuses	certificate .pdf
3	Sherin shaji	„	img223.pdf
4	Abhay ES	„	img224.pdf



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5	Muhammed Yazeen	„	New Document(3).pdf
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4. University project details

SLNO	Register Number	Name	Project Title	Guide
1	WMARAMCR02	Muhammad Ejas K	A study on promotion of Handmade craft workers through social media in muttil panchayath	Srijimol PS
2	WMARAMCR08	Adhila Sherin	A study on attitude of female masscommunication students in WMO arts and science college Muttill- Towards Journalsim ans a carrier	Srijimol PS



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3	WMARAMCR09	Adnan Sidhique	A comparative study on horror films on Hollywood and Mollywood	Srijimol PS
4	WMARAMCR10	Ajinas PP	A casestudy on the influence of Alfred Hitchcock movies on his audience	Srijimol PS
5	WMARAMCR01 1	Ashika Jahan	A study on Web series Karikku	Srijimol PS
6	WMARAMCR12	Ashik MA	A study on inclination of youth towards online shopping through social networking sites	Srijimol PS
7	WMARAMCR13	Irshad	A study on Community Radio Mattoli 90.4 FM	Srijimol PS
8	WMARAMCR14	Jisha S	A study on Muraligopi films and its social relevance	Srijimol PS
9	WMARAMCR15	Latheetha B	A study on impact of startups initiated by Kudumbasree Unit in Mananthavady taluk among Women	Srijimol PS



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10	WMARAMCR16	Muhammad Ameen VA	Impact of Social Media among youth (Instagram)	Srijimol PS
11	WMARAMCR18	Nehala Ashraf OP	Study on the influence of the media in survival of Puthumala in Wayanad effected by flood in 2019	Srijimol PS
12	WMARAMCR21	Akshay Kumar	Impact of Teaser and Trailer in Malayalam Cinema	Srijimol PS
13	WMARAMCR22	Ali Ashban	A study of most preferring cloth brand among the male students in WMO college	Srijimol PS
14	WMARAMCR23	Amalu Sharley	A study on changing attitude towards malayalam cinema among Youth	Srijimol PS
15	WMARAMCR24	Anzil Rahman	A study on food culture in wayanad in account of social media and Youtube	Srijimol PS
16	WMARAMCR25	Arjun TS	A study on dress culture and traditional values	Srijimol PS



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04936-207532 (Principal)

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17	WMARAMCR28	Fahid P	A study on influence of online shopping among youth in WMO arts and science college Muttill	Srijimol PS
18	WMARAMCR29	Faseela T	A comparative study on role of media in irradiation of Nipah Virus in Kerala, Malasia, Bangladesh	Aswin P
19	WMARAMCR30	Fasna KP	A study on child oreanted malayalam movies	Srijimol PS
20	WMARAMCR31	Irshad Abdulla	A study on how malayalam films lost their artistic values while reamaked to other languages	Srijimol PS
21	WMARAMCR34	Jibinsha Gafoor	A study on influence of safari TV amoung Travellers	Srijimol PS
22	WMARAMCR36	Lubna Parveen	A study on wheather newspaper readers are higher than TV viewers among the age group of 35 above	Srijimol PS



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23	WMARAMCR38	Mubashira VK	A study on effect of Maggie Noodles on people before and after its Ban	Srijimol PS
24	WMARAMCR39	Muhammed Ashir VK	A study on social media among Paniya and Kurichya tribal Community in wayanad District	Srijimol PS
25	WMARAMCR40	Muhammed Ajeer TS	A study on role of situation comedies in MALAYALAM TELEVISION among family audience	Srijimol PS
26	WMARAMCR41	Muhammed Basil	To study the influence of social media among college students in wayanad	Srijimol PS
27	WMARAMCR42	Muhammed Jabir	A study on Realism in contemporary Malayalam Movies based on Dileesh Pothan Movies	Srijimol PS
28	WMARAMCR43	Muhammed Rinshad	A study on Influence of Amal Neerad Movie Big B and Anwar	Srijimol PS
29	WMARAMCR45	Muhammed Suhail PH	A study on portail of immigration and	Srijimol PS



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			emigration concept in Malayalam Movies	
30	WMARAMCR46	Nandakishore	A study on attitude towards karikku and Uppum Mulakum program among students in St Marys College Bathery	Srijimol PS
31	WMARAMCR47	Nasreena P	A study on Puthumala Land slide and its impact on geographical area	Srijimol PS
32	WMARAMCR48	Nubais KM	A study on communication between employees, Trade unions and management in Kurichiarmala Plantation ltd	Srijimol PS
33	WMARAMCR49	Ramees Muhammed	A study on impact of Roadmovies among Youth	Srijimol PS
34	WMARAMCR50	Samis Ahammed	A study on the influence of Newspaper Cartoons among youth in wayanad	Srijimol PS
35	WMARAMCR51	Sanoop VS	A study on cultral development among tribal youth Vellithode Colony Wayanad	Srijimol PS



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36	WMARAMCR54	Shana Parveen	A study on interpretation of whatsapp smily imoji among the students of WMO college Muttil	Srijimol PS
37	WMARAMCR55	Shinu Barjis	A study on wheather is there any reselbance in malayalam movies with respect international movies	Srijimol PS
38	WMARAMCR57	Sreekuttan RG	A study on social relevance of Sreenivasan Films	Srijimol PS
39	WMARAMCR59	Varsha Vinod	A study on various elements influencing youth while listning to Malayalam Film songs	Srijimol PS
40	WMARAMCR60	Wassim Jaffer	A study on impact of online advertisement youth in Sulthan Bathery Munciplaity	Srijimol PS



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5. E contents developed

Acknowledging the indubitable power of E-content as an invaluable tool for educational pedagogy, the illustrious faculty of the Department of Mass Communication leveraged their collective prowess to create a repository of scintillating E-content, which not only enriched the academic odyssey of the learners but also proved to be a godsend to teachers across all individual instruction systems, thus reinforcing the department's preeminence in the realm of education.

Sl no	Name of teacher	Class /sem	Name of the paper	List of e content
1	Anu ann varghese	D3 Sixth sem	JOU6B12 Media Laws and Ethics	MEDIA LAW AND ETHICS.pptx
		D1 First sem	JOU1B01 Fundamentals of Mass Communication	FUNDAMENTALS OF MASS COM.pptx
		D3 Sixth sem	JOU5B09 Public Relations and Corporate communication	PPT,PDF
		D1 First sem	JOU1(2)C02 Introduction to electronic media	INTRODUCTION TO ELECTRONIC MEDIA.pptx
2	Greeshma M John	D2 Fourth sem	JOU4B05 Design and Pagination	1.pptx
		D3 Sixth sem	JOU6B13 Online Journalism	3.pptx
		D1 First sem	JOU1B01 Fundamentals of Mass Communication	PPT
		D2 Third sem	JOU3B04 Editing for Newspapers	PPT
		D3 Fifth sem	JOU5B10 Advertising	2.pptx
3	Abdul Rahman UP	D1 Second sem	JOU1(2)C01 Introduction to Communication and Journalism	PPT
		D2 Fourth sem	JOU4B06 Radio Production	RADIO---STRENGT H AND WEAKNESS.pptx



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			JOU5B07 Mass Communication Theories	PDF
		D3 Sixth sem	JOU6B15 Economic and Business Reporting	PPT, PDF
4	Aswin P	D1 Second sem	JOU5B08 Television Production	PDF, PPT
		D2 Fourth sem	JOU4(3)C02 Introduction to TV and cinema	PPT, PDF, YOUTUBE VIDEO
		D3 Sixth sem	JOU6B14 Introduction to Cinema	PDF, YOUTUBE VIDEO
		D2 Fourth sem	JOU4B5 Design and pagination	PDF, PPT
		D1 Second sem	JOU1(2)C01 Introduction to Communication and Journalism	PDF

6 Google class room details

Cognizant of the transformative potential of Google Classroom as a quintessential learning management system, the erudite faculties of the Department of Mass Communication proactively established a dedicated Google Classroom for each of their subjects, thereby affording their discerning students a seamless transition to a panoply of diverse learning management systems, which in turn amplified their academic prowess and lent an added dimension to their learning experience.

SL NO	NAME OF THE TEACHER	GOOGLE CLASSROOMS	NAME OF THE PAPER	SEMESTER



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1	Anu Ann Varghese	3	JOU2B02 Media History	Second sem
			JOU4C01 Corporate Communication and Advertising	fourth sem
			JOU6B12 Media Laws and Ethics	sixth sem
2	Greeshma John	3	JOU1B01 Fundamentals of Mass Communication	second sem
			JOU3B04 Editing for Newspapers	fourth sem
			JOU6B13 Online Journalism	sixth sem
3	srijimol PS	3	JOU4B06 Radio Production	fourth sem
			JOU1C01(2) Introduction to Communication and Journalism	second sem
			JOU6B15 Economic & Business Reporting	sixth sem
4	Aswin p	2	JOU6B14 Introduction to Cinema	sixth sem
			JOU4C02 Introduction to New Media.	fourth sem
		11		

7. ICT tools used



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The academic year was replete with a welcome surge in the augmentation of ICT-enabled infrastructure, which lent an added impetus to the Department of Mass Communication's unwavering pursuit of enhancing the academic odyssey of its discerning students. This was aptly manifested in the adoption of the state-of-the-art GOPRO HERO camera, which proved to be a crucial cog in the wheel of the students' curriculum activities, thus redefining the boundaries of excellence in the realm of education.

Sl no	Items	Quantity
1	computers	1
2	Printer	1
3	Speaker	1
4	GOPRO HERO camera	1 Out sourced



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7.1 Use of ICT tools for enhancing learning experience

SL NO	NAME OF THE TEACHER	NAME OF THE PAPER	USED TOOLS
1	Anu Ann Varghese	JOU5B07 Radio Production	computer
			sound recorder
			powerpoint presentation
			Editing software-Film Aura
2	Greeshma John	JOU3C02 Fundamentals of Cinema	Lap top
			tablet
			projector
			Page maker
			photoshop
3	Srijimol PS	JOU3B04 Editing for Newspapers	page maker
			photoshop
4	Aswin P	JOU5B08 Introduction to Television Production	filmora
			projector
			laptop
			canon EOSD1300



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8. PUBLICATION AND PRODUCTION DETAILS

_Unleashing the untapped potential of their students and in a quest to provide them with a stimulating learning experience, the Department of Mass Communication spearheaded the inception of the Mass Gazette, a pioneering publication that has continued to serve as a beacon of inspiration, even to this day. The entire gamut of this groundbreaking initiative was helmed by the enterprising students themselves, who left no stone unturned in creating a panoply of riveting radio programs on special occasions, thereby redefining the parameters of excellence in the arena of education.

SL no	Name of publication	Supporting document
1	Mass chronicle (a newspaper published from department of mass communication)	mass chronicle news paper.pdf
2	MASS gazette(first lab journal)	



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3	Mass radio	<p>Mass Communication department telecasted a Radio program on 26th June 2019, in connection with Anti Drug's day</p> <p>Children's Day Radio.mp3</p> 
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9. DETAILS OF SEMINARS AND WORKSHOPS

In a bid to provide their students with a well-rounded academic experience, the Department of Mass Communication orchestrated an array of immersive and interactive sessions that included seminars, workshops, and conferences. These events held a great deal of significance, as they afforded the students a unique opportunity to broaden their horizons, explore new facets of knowledge, gain fresh perspectives, and stay abreast of the latest developments in their chosen field. Moreover, these sessions provided an ideal platform for networking, thus enabling the students to forge invaluable connections that could stand them in good stead in their future pursuits.



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SL NO	NAME OF PROGRAM	DETAILS	SUPPORTING DOCUMENT
1	Interactive session	Sri.Kamal Varadoor, Sports reporter and Editor in Chief of Chandrika	
2	Interactive session	Mass Communication department conducted an interactive session for its students on 3 rd October 2019 .Sri.Suhail Ahammed, All Kerala Field Reporter, Asianet TV, was the Resource person.	
3	Navarasa -OTTAM THULLAL WORKSHOP	Mass Communication department conducted an Ottamthullal Workshop , on 1 st November 2019 ,with the noble objective to familiarise students with the language and syntax of this poetic performance art form of Kerala. It was followed by a demonstration by Kalamandalam Nikhil ,a	



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		seasoned Ottamthullal artist	
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10. OTHER ACTIVITIES DETAILS

The Department of Mass Communication went above and beyond the call of duty to provide their students with opportunities that transcended the confines of the classroom. By organizing a diverse array of programs that were centered around the students' respective areas of interest, the department ensured their active and enthusiastic participation, thereby elevating their learning experience to unprecedented heights. These programs served as an ideal platform for the students to showcase their talents and hone their skills, while also gaining a wealth of practical experience that would stand them in good stead in their future pursuits.

SL NO	NAME OF THE PROGRAM	DETAILS	SUPPORTING DOCUMENT
1	World service day	Mass Communication department conducted a placard rally on 23 rd June ,2019,in connection with World Service Day with the theme “a free handshake for all	



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2	Inter department competition	An inter-departmental competition was conducted by Mass communication department in connection with the Hiroshima-Nagasaki day on August 6 th 2019. The competitions include Drawing, Cartooning and Sodoku making	
3	Orientation program	Department conducted one day orientation program for first year students	
4	Onam celebration	Mass Communication department conducted an Onam celebration for all the students on 07 th September 2019. The students along with the teachers celebrated the day with glam.	



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5	Exhibition -olapeppi	Mass Communication department conducted an exhibition on antique items on 1 st November 2019. It was a grand show with more than 100 antique items on display and multiple charts related with the subjects were displayed	
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**Report on Student centric methods, such as experiential learning,
participative learning and problem-solving methodologies are used
for enhancing learning experiences using ICT tools**

2019-2020

CONTENTS

1.	ICT Facilities available in the Department
2.	Software Tools Used
3.	E – Contents Developed
4.	Student Projects
5.	Laboratory Courses

1. ICT Facilities available in the Department

The department is rich in ICT enabled infrastructure for enhancing the learning experience of the students. Two class rooms of the department are smart class rooms. The department has a computer lab equipped with 6 networked computers of high configuration with UPS backup and internet connectivity. Adequate hardware and software are made available for effectively running computer-related lab courses in electronics.

List of facilities available

Sl. No.	Item	Quantity
1	Smart Class Rooms	2
2	Computers	6
3	Printers and Scanners	1
4	Sound System	1
5	Wi Fi	Available

2. Software Tools Used

Sl No.	Faculty	Tools Used
1.	Siby Joseph	Power point
2.	Dr. Nobert Thomas Pallath	Power point
3.	Abdul Rasheed	Power point
5.	Muflih K	Power point



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3. e – Contents Developed

Sl. No.	Faculty	Programme	Course	Type of e-contents developed
1	Siby Joseph	BSc Electronics	General Informatics	Slides
		BSc Electronics	Microcontroller	Slides
		BSc Electronics	Analog Electronics	Slides
2	Dr. Nobert Thomas Pallath	BSc Electronics	Electronic Devices and Circuits	Slides
		BSc Electronics	Basic Numerical Skills	Slides
3	Abdul Rasheed	BSc Electronics	Electromagnetic Theory	
		BSc Electronics	Digital Electronics	
5	Muflih.k	BSc Electronics	Network Theory	Slides
		BSc Electronics	Open Course	Slides



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4. Student Projects

<u>Sl.No</u> :	Title of the project	Programme UG/PG	Name of the student	Name of the supervisor	Institute of the supervisor
1	Automatic colour sorter	UG	Ayisha N Ayisha Nihala Rasmina Begum Athila Jasmin Shifana E N	Siby Joseph	WMO Arts and Science College.Muttill
2	Smart Object Finder	UG	Shefin Muhammed Athira Suresh Aseem Anjum Nihal Jabeen Muhammed Arshad K	Abdul Rasheed	WMO Arts and Science College, Muttill
3	Smart Energy monitoring system	UG	Amal Ajas Asna Sherin Ashkar Shibina Sherin Farsana	Muflih K	WMO Arts and Science College, Muttill

5. Laboratory Courses

Sl. No.	Programme	Semester	Course	Hour per week
1	BSc Electronics	I	Basic Electronics and Network Theorems Lab	1
2	BSc Electronics	II	Electronic Circuits Lab	1
3	BSc Electronics	III	Digital Electronics Lab	2
4	BSc Electronics	III	Skill Development Lab I	1
5	BSc Electronics	IV	Analog Integrated Circuits Lab	2
6	BSc Electronics	III	Skill Development Lab I	1
7	BSc Electronics	V	Microprocessor programming and interfacing lab	3



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8	BSc Electronics	V	Microcontroller & Interfacing Lab	3
9	BSc Electronics	VI	Communication system Lab	3
10	BSc Electronics	VI	Principles of DSP lab	3



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**Report on Student centric methods, such as experiential learning,
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enhancing learning experiences using ICT tools**

2019-2020



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CONTENTS

1.	ICT Facilities available in the Department
2.	Software Tools Used
3.	E – Contents Developed
4.	Learning Management System(LMS)
5.	Industrial Visit
6.	Student Projects
7.	Webinars, Seminars and Student presentations
8.	Laboratory Courses
9.	Group discussions
10.	Skill Development program
11.	Organizing Fests and Competitions
12.	Brief Reports
13.	Brochures of the programmes
14.	Details of winners in competitions
15.	Sample Photographs
16.	Student Magazine
17.	Certificate Courses



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1. ICT Facilities available in the Department

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List of facilities available

Sl. No.	Item	Quantity
1	Smart Class Rooms	4
2	Computers	17
3	Printers and Scanners	1
4	Sound System	1
5	Wi Fi	Available

2. Software Tools Used

SI No.	Faculty	Tools Used
1.	Dr. Biju K G	Whatsapp
		Youtube
		Google meet
2.	Mr. Hashim NK	Whatsapp
		Youtube
		PowerPoint Presentation
3.	Muhammed Javad	Whatsapp
		Youtube
		Google meet



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4.	Ms. Amaya Sivan	Powerpoint presentations
		Videos
5.	Mr. Nidhin Soman	youtube
		teachmint
6	Mr Joseph M V	Google meet
		Whats app
7.	Ms Febina C K	Power point
		Google Meet
		Whats app
8.	Neeraja Krishna	Power point
		Google meet
		You Tube videos

3. e – Contents Developed

Sl. No.	Faculty	Programme	Course	Type of e contents developed
1	Dr. Biju Kg	BSc PHYSICS	<ul style="list-style-type: none">• Mechanics-I & II• Quantum Mechanics• Thermodynamics• Non-conventional Energy Sources• Practical Paper-II	<ul style="list-style-type: none">• Youtube video• Powerpoint presentations• pdf notes



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2	Mr. Hashim NK	BSc PHYSICS	<ul style="list-style-type: none">• Electrodynamics-I• Electronics• Nuclear and Particle Physics• Material Science• Non Conventional Energy Sources• Practical Paper-I	<ul style="list-style-type: none">• Powerpoint presentations• MCQ in google form• pdf notes
3	Muhammed Javad	B.Sc. PHYSICS	<ul style="list-style-type: none">• Electrodynamics-I• Electrodynamics-II• "Physical Optics and Modern Optics• Solid state Physics and Spectroscopy• Practical Paper-II	<ul style="list-style-type: none">• Youtube video• Powerpoint presentations
4	Mr M V joseph	M Sc Physics	<ul style="list-style-type: none">• Statistical Mechanics• Quantum Mechanics-II• General Physics Practical• Electronics Practical• Modern Physics Practical	<ul style="list-style-type: none">• Powerpoint presentations• pdf notes
4.	Amaya Sivan o v	M Sc Physics	<ul style="list-style-type: none">• Mathematical Physics-I	<ul style="list-style-type: none">• Videos• Powerpoint presentations• pdf notes



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			<ul style="list-style-type: none">• Mathematical Physics-II• Experimental Physics• Microprocessor• Electronics•	
5.	Mr. Nidhin Soman p	M Sc physics	<ul style="list-style-type: none">• Electrodynamics• Quantum Mechanics• Solid State Physics• Material Science	Youtube video
6.	Ms Febina c k	MSc Physics	<ul style="list-style-type: none">• Classical Mechanics• Computational Physics• Nuclear Physics• Spectroscopy• Electronics	<ul style="list-style-type: none">• Youtube video• Powerpoint presentations• pdf notes
7.	Ms. Neeraja Krishna	BSc Physics	<ul style="list-style-type: none">• Properties of Matter and Thermodynamics• Optics, Laser & Electronics• Mechanics• Practical Paper- Complementar y Physics• Electricity, Magnetism & Nuclear Physics	<ul style="list-style-type: none">• Powerpoint presentations• pdf notes



4. Learning Management System

Apart from the face to face teaching learning the department promotes blended learning by the use of LMS of the college WMO E-Space or Google Classroom

List of Teachers developed courses on LMS

Sl. No.	Name of Teacher	Course Developed	LMS Platform
1.	Dr. Biju KG	<ul style="list-style-type: none">• Mechanics-I & II• Quantum Mechanics• Thermodynamics• Non-conventional Energy Sources• Practical Paper-II	Google classroom
2.	Mr. Hashim NK	<ul style="list-style-type: none">• Electronics• Material Science	Google classroom
3.	Muhammed Javad	<ul style="list-style-type: none">• Classical Mechanics• Computational Physics• Nuclear Physics• Spectroscopy• Electronics	Google classroom
4.	Ms. Amaya Sivan	<ul style="list-style-type: none">• Mathematical Physics-I• Mathematical Physics-II• Experimental Physics• Microprocessor• Electronics	Google classroom



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5.	Mr. Nidhin Soman P	<ul style="list-style-type: none">● MSc:Electrodynamics● MSc:Quantum Mechanics● MSc:Solid State Physics● MSc:Material Science	Teachmint
6.	Febina c k	<ul style="list-style-type: none">● Classical Mechanics● Computational Physics● Nuclear Physics● Spectroscopy● Electronics	Google classroom
7.	Neeraja Krishna	<ul style="list-style-type: none">● Properties of Matter and Thermodynamics● Optics, Laser & Electronics● Mechanics● Electricity, Magnetism & Nuclear Physics	Google classroom

5. Industrial Visit

An industrial visit was conducted for the students of 3rd year BSc Physics. Students visited Kodaikanal Observatory. Our students visits this observatory during their three day study tour. They have attended a session on the working of observatory during this visit



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6. StudentProject

SI. No	NAME OF THE STUDENT	NAME OF THE PROJECT	GUIDE
1	Akshaya Ramachandran	Effect of silver nanoparticle doping on optical properties of fluorescein dye	Prof. Mathew M Mecheril
2	Rosin Thomas	Tuning luminescence intensity of Rh6G dye using silver nanoparticles	Prof. Mathew M Mecheril
3	Vishal T S	Generalized ensemble theory with nonextensive statistical mechanics	Sreejith C S
4	Anakha R	Study on percentage attenuation of immobilization devices used in radiotherapy cancer treatment by high energy medical linear accelerator	Arun Krishnan M P
5	Arsha Thankachan	Measurement and comparison of Housefield Unit values in different computer tomography machine using CATPHAN 503 PHANTOM	Renjith C P
6	Mirza Anees	Numerical Analysis of optical vector modes	Dr. Ali Anwar



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7	Rahna	Synthesis and study of structural dielectric and magnetic properties of NiCrFeO ₄ nanoparticles	Sijo A K
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8	Dinu T V	A study on BE statistics	Sreejith C S
9	Nandhu Prem	Astronomical data analysis and determination of star radius	Jophin Jose
10	Nishana Parveen	Synthesis and structural analysis of CoCrFeO ₄ spinal ferrite using solution self combustion	Dr. Sijo A K
11	Sreelakshmi G	Growht and characterization of gel grown calcium tartrate	Dr. Jaya T P

7. Webinars, Seminars and Student Presentations

Various webinars have been conducted by the Department of Electronics during the time of Covid-19 by some of the excellent resource persons working in various firms. These webinars helped in enhancing the exposure of research areas as well as employment areas to the students.

Program	Title Resource Person
World environment day 2019 (Air Pollution- Causes and Controls)	Dr. Nishanth P , Dept of physics, Sree Krishna College, Guruvayoor
Interaction with alumni researcher	Dr. Najeeb PK, Post. Doctoral Research fellow, at Stockholm University
Poster presentation – lunar landing day	poster presentation on 21 st July 2019, in accordance with the



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	anniversary of the lunar landing of Apollo 11 Mission By B Sc students
APJ abdul kalam day	The department celebrated APJ day with a special lab session for III year BSc physics students on 27 th July 2019.
Association inauguration	Dr. Aysha Muhsina ,gov college kalpetta
Solar Eclipse 2019	The department arranged facilities at different places to watch the annular solar eclipse on 26 th December 2019.
Women in science-science day 2020	Ms Jalisha TK, Research scholar of Lund University,Ms. Aleena Baby,Research scholar, University of Cologne,Germany, Ms. Geethika Gopinath ,
World wet land day celebration 2020	Dr.AS Maheswari, Head, Department of Zoology, Seethalakshmi Ramaswamy college, Thiruchirapally

8. Lab Courses

Sl. No.	Programme	Semester	Course	Hour per week
1	MSc Physics	I	General physics I,Electronics I	8
2	MSc Physics	II	General physics I,Electronics I	8
3	MSc Physics	III	Mod physics I	4



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4	MSc Physics	IV	Mod physics I,Comp Physics	8
5	BSc Physics	I	Practical Paper I	2
6	BSc Physics	II	Practical Paper I	2
7	BSc Physics	III	Practical Paper I	2
8	BSc Physics	IV	Practical Paper I	2
9	BSc Physics	V	Practical Paper II & III	8
10	BSc Physics	VI	Practical Paper II & III	8
11	Complementary Physics	I	Physics Practicals	2
12	Complementary Physics	II	Physics Practicals	2
13	Complementary Physics	III	Physics Practicals	2
14	Complementary Physics	IV	Physics Practicals	2

9. Group discussions

A group of enthusiastic students in the batch of final M Sc took an initiative to work on competitive exam questions everyday from 3:30-4:30 making the best use of tutorial hours. The goal is to solve a maximum of one question per student per day. The program is meant to continue indefinitely in the coming years.



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10. Skill Development program

Students are encouraged and given adequate help to learn tools such as MS office(word, excel, ppt etc). Students are also given training in the lab to use electronics instruments like multimeter and Oscilloscope and even soldering activities are conducted.

11. Organizing fests and competitions

The following days are observed and or celebrated during the academic year by conducting various programs and competitions.

Festival/day	Particulars
World environment day 2019	Talk on the topic “ Air Pollution- Causes and Controls ”
Lunar landing day	poster presentation
APJ abdul kalam day	B Sc physics students
Onam 2019	The Onam 2019 was celebrated in the department in a quite simple manner.
Women in science-science day 2020	video presentation on “ Women in Science ”.
World wet land day celebration 2020	talk on the topic “ WetLand EcoSystems ”

12. Brief Reports

1 WORLD ENVIRONMENT DAY 2019 :

World environment day 2019, was celebrated with an invited talk on the topic “ **Air Pollution- Causes and Controls**” on 24-06-19, Monday, with the support of Kerala State Council for Science, Technology and Environment (KSCSTE). **Dr. NISHANTH P**, Dept of physics, Sree Krishna College, Guruvayoor was the resource person.

2. INTERACTION WITH ALUMNI RESEARCHER

An alumnus of the department Dr. Najeeb PK, Post. Doctoral Research fellow, at Stockholm University has interacted with the UG and PG students of the department on 02/07/2019. **Dr.Najeeb PK** has Completed PhD from IIST, Trivandrum.

3. POSTER PRESENTATION – LUNAR LANDING DAY:

The physics department arranged a poster presentation on 21st July 2019, in accordance with the



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anniversary of the lunar landing of Apollo 11 Mission..

4, APJ ABDUL KALAM DAY:

On the death anniversary of DR. APJ Abdul Kalam, The department celebrated **APJ day** with a special lab session for III year BSc physics students on 27th July 2019

5. ONAM 2019

The Onam 2019 was celebrated in the department in a quite simple manner. In the meeting **Mr. Ashraf Manoth**, Lab assistant of the department is honored for his contributions as a social worker during the flood season.

6. ASSOCIATION INAUGURATION

The Physics association for the academic year 2019-20 was inaugurated on 16/12/2019 by **Dr. Aysha Muhsina**, Assistant Professor, Govt. College, Kalpetta. Dr. KG Biju, HOD presided over the function and the Principal Dr. TP Muhammad Fareed Delivered the principal's remarks. Dr. Aysha Muhsina is an Alumna of the department. In the meeting **Mr. Kiran Divakar**, alumnus of the department is honored for achieving 10th Rank in GATE and 24th rank in the CSIR UGC NET/JRF examination. Dr. Aysha Muhsina has delivered a talk on "Introduction to solitons". The association secretary, Mr. Muhammed Mahir, welcomed the gathering.

7. SOLAR ECLIPSE 2019

The department arranged facilities at different places to watch the annular solar eclipse on 26th December 2019.

8. STUDY TOUR

The department conducted a study tour to **Kodaikanal solar observatory**, under Indian Institute of Astrophysics and Astronomy (IIA) in January 2020. 32 students of Final year BSc physics students and 04 Faculty members participated.

9. WOMEN IN SCIENCE-SCIENCE DAY 2020

The department of physics celebrated the science day 2020 with four programmes.

1. On 28/02/2019, the department organized a **video presentation on "Women in Science"**.
2. **Ms Jalisha TK**, Research scholar of Lund University, Sweden and an alumna of the department interacted with the students on 02/03/2020 about her research works.
3. A similar session was conducted on 03/03/2020, in which another alumna, **Ms. Aleena Baby**, Research scholar, University of Cologne, Germany interacted with the students.
4. On 04/03/2020, **Ms. Geethika Gopinath**, IV semester BSc physics, Delivered a talk on "Exoplanets".

10. WORLD WET LAND DAY CELEBRATION 2020

The department of physics in association with the department of Chemistry organized a talk on the topic "**WetLand EcoSystems**". **Dr. AS Maheswari**, Head, Department of Zoology,



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Seethalakshmi Ramaswamy college, Thiruchirapally was the resource person. Prof. Thomas Thevara, Head of the chemistry department welcomed gathering and Dr. Biju KG, head of physics department presided over the function.

13. Brochures of the Programmes.

**World Environment Day
Celebrations-2019**
Seminar on
**Air pollution: causes
and controls**
Resource Person:
Dr. NISHANTH P
(Sree Krishna College, Guruvayoor)
ON
24-06-19, Monday 11 AM
Organized by
Department of Physics
WMO Arts & Science college, Muttil
Sponsored by
Kerala State Council for Science,
Technology and Environment(KSCSTE)



**Women in Science
Science Day 2020**

Interaction with
ALEENA BABY
Ph.D STUDENT
University of Cologne, Germany
03-03-2020 at 3.30pm
DEPARTMENT OF PHYSICS
WMO COLLEGE MUTTIL

**Women in Science
Science Day 2020**

Interaction with
JALISHA USMAN
Dept. of Physical Geography
Lund University, Sweden
02-03-2020 at 3.30pm
DEPARTMENT OF PHYSICS
WMO COLLEGE MUTTIL

**Women in Science
Science Day 2020**

TALK ON
"EXO PLANETS"
By
GEETHIKA GOPINATHAN
IV Semester BSc PHYSICS
04-03-2020 at 3.30pm
DEPARTMENT OF PHYSICS
WMO COLLEGE MUTTIL

14. DETAILS OF WINNERS IN COMPETITION

Debate Competition:

1st Prize: Faiz bin Basheer, Ajmal (Department of Arabic)



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15, SAMPLE PHOTOGRAPHS

WORLD ENVIRONMENT DAY 2019

World Environment Day
Celebrations-2019
Seminar on
**Air pollution: causes
and controls**
Resource Person:
Dr. NISHANTH P
(Sree Krishna College, Guruvayoor)
ON
24-06-19, Monday 11 AM
Organized by
Department of Physics
WMO Arts & Science college, Muttill
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Technology and Environment(KSCSTE)



INTERACTION WITH ALUMNI RESEARCHER



POSTER PRESENTATION – LUNAR LANDING DAY





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APJ ABDUL KALAM DAY



ONAM 2019



ASSOCIATION INAUGURATION





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SOLAR ECLIPSE 2019



WOMEN IN SCIENCE-SCIENCE DAY 2020

<p>Women in Science Science Day 2020</p>  <p>Interaction with ALEENA BABY Ph.D STUDENT University of Cologne, Germany</p> <p>03-03-2020 at 3.30pm</p> <p>DEPARTMENT OF PHYSICS WMO COLLEGE MUTTIL</p>	<p>Women in Science Science Day 2020</p>  <p>Interaction with JALISHA USMAN Dept. of Physical Geography Lund University, Sweden</p> <p>02-03-2020 at 3.30pm</p> <p>DEPARTMENT OF PHYSICS WMO COLLEGE MUTTIL</p>	<p>Women in Science Science Day 2020</p>  <p>TALK ON "EXO PLANETS" By GEETHIKA GOPINATHAN IV Semester BSc PHYSICS</p> <p>04-03-2020 at 3.30pm</p> <p>DEPARTMENT OF PHYSICS WMO COLLEGE MUTTIL</p>
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WORLD WET LAND DAY CELEBRATION 2020





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POSTER PRESENTATION



16. Student Magazine

A hand written Student magazine named "Karadu" was published by the association



17. Certificate courses

The following certificate course was offered in the department of physics

Name of the Course	Name of the Coordinator
Non conventional energy sources	Dr. Biju K G