



2.3 TEACHING- LEARNING PROCESS

Report on Student Centric Methods 2021-22



WMO Arts & Science College, Muttil

Kalpetta, Wayanad, Kerala 673122

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DEPARTMENT OF MATHEMATICS

WMO ARTS & SCIENCE COLLEGE

“education and some more”

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

P.O. MUTTIL, WAYANAD, KERALA - 673122

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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**

2021-2022

Mathematics

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1. ICT Facilities enabled in the Department

Faculty members in the department use a variety of ICT facilities to enhance teaching, learning, and communication to create a more engaging and interactive classroom experience and collaborate on academic activities. Faculty members make use of online platforms like Google Classroom, Google Meet, YouTube, Teach Mint, and Telegram to communicate effectively with students and provide personalized and collaborative learning experiences. One classroom of the department is a smart classroom with UPS backup and Internet connectivity.

2. E-Contents Developed (Separate File is attached)

Department of Mathematics developed multimedia content including Video lectures, Recorded videos of webinars, Quizzes, Lecture notes, etc., to supplement and enhance traditional teaching methods. A total of 336 YouTube videos are created by the faculty of Mathematics. The list of videos is included as Appendix to this report.

YouTube Channels

1. <https://youtube.com/@vijipaul8245>
2. <https://www.youtube.com/@SanthoshKumar-hw6ih>
3. <https://www.youtube.com/@achususeela8964>
4. <https://youtube.com/@thahirata6151>
5. <https://www.youtube.com/channel/UCVSvW-uVRMyJcx0OZD0Greg>

3. Study tours

Study tours are arranged by the department and student groups to gain a broader perspective of the world by exposing them to different cultures and traditions and enhancing their knowledge and skills. It provided students with the opportunity to explore real-world situations, observe the applications of theoretical concepts, and interact with professionals in the field.

1. A study tour for final year BSc Mathematics students was conducted from 13-1-2022 to 15-1-2022 to Alappuzha, Ernakulam, and Ramakkalmedu. A team of 30 students and 3 teachers participated.
2. A study tour for MSc Mathematics students was conducted from 13-5-2022 to 16-1-2022 to Alappuzha and Ernakulam. A team of 20 students and 1 teacher participated.
3. A field trip to En Ooru was conducted by II MSc Mathematics students on 9-6-2022. 19 students participated.



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4. Student projects

Details of Project work (2021-22)

1. <u>Sl.No:</u>	Title of the project	UG/PG	Name of the student	Name of the Supervisor	Institute of the supervisor
1	Tensor Analysis	PG	Aiswarya Mohan	Dr Viji Paul	W M O College, Muttill
2	Topological Groups	PG	Aiswarya V.R	Mini C	W M O College, Muttill
3	Study on Z Transforms	PG	Anoop Francis	Santhosh Kumar C G	W M O College, Muttill
4	Complete Metric Spaces	PG	Anusree Mohaan	Afeera M	W M O College, Muttill
5	Algebraic Topology	PG	Asna C H	Saneesh Babu	W M O College, Muttill
6	Sigma Labeling	PG	Ashwathy K V	Aswathi K	W M O College, Muttill
7	Single valued extension Property	PG	Athira K S	Anu Jose	W M O College, Muttill
8	Complete Magic graphs	PG	Athira Suresh	Fathima Sithara	W M O College, Muttill
9	Spectral Graph Theory	PG	Athira Unnikrishnan	Dr Viji Paul	W M O College, Muttill



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10	Frames in Hilbert spaces	PG	Basil Eldho	Saneesh Babu	W M O College, Muttil
11	Introduction to Lie Algebra	PG	Deepthy A	Afeera M	W M O College, Muttil
12	Banach Algebra	PG	Dhanusha M	Anu jose	W M O College, Muttil
13	Graph Products	PG	Farsana N K	Aswathi K	W M O College, Muttil
14	Discrete valuation on rings	PG	Hafsa T K	Mini C	W M O College, Muttil
15	Domination in Graphs	PG	Haneena Sherbin	Fathima Sithara	W M O College, Muttil
16	Bilinear Forms	PG	Kavya P k	Santhosh Kumar C G	W M O College, Muttil
17	Zero divisor graph	PG	Lebin Latheef	Afeera M	W M O College, Muttil
18	Topological vector space	PG	Megha shaji	Mini C	W M O College, Muttil
19	Compactification	PG	Muhammed shehin	Saneesh Babu	W M O College, Muttil
20	A study on the energy of graphs	PG	Muhlisa V M	Fathima Sithara	W M O College, Muttil
21	Nonlinear programming	PG	Nihala Sherin	Aswathi K	W M O College, Muttil
22	Rough set theory	PG	Sandra V Jayapraksh	Anu Jose	W M O College, Muttil
23	Tribonacci convolution triangle	PG	Shadhi Nilofer	Santhosh kumar C G	W M O College, Muttil
24	Nets and filters	PG	Shaharbanu	Dr Viji Paul	W M O College, Muttil
25	Fuzzy graphs	PG	Shany Baby	Fathima Sithara	W M O College, Muttil
26	Rings of Continuous function	PG	Shinoy Baby	Afeera M	W M O College, Muttil
27	Introduction to coding theory	UG	Abida	Fathima Sithara	W M O College, Muttil
28	Euler's polyhedral formula and its applications	UG	Afeefa P R	Dr Viji Paul	W M O College, Muttil
29	Rings and fields	UG	Ajay Sankar V	Afeera M	W M O College, Muttil
30	A Study on some Mappings in Complex Analysis	UG	Akhila C S	Alsha Joseph	W M O College, Muttil



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31	Catalan's numbers	UG	Ameena Asmi C P	Drishya T Das	W M O College, Muttill
32	Planar and nonplanar graphs	UG	Ameena Thas neem. N	Aswathi K	W M O College, Muttill
33	Vedic Mathematics	UG	Anjana Sankar	Santhosh kumar C G	W M O College, Muttill
34	Some mapping in Complex Analysis	UG	Anu K Basheer	Alsha Joseph	W M O College, Muttill
35	Catalan Numbers and its Applications	UG	Anusree Vijayan	Drishya T Das	W M O College, Muttill
36	Euler's polyhedral formula and its applications	UG	Ashida Fathima P P	Dr Viji Paul	W M O College, Muttill
37	Graph Theory and Its Application	UG	Aysha Liya	Mini C	W M O College, Muttill
38	Cryptography	UG	Deepan S	Aswathi K	W M O College, Muttill
39	Coding theory	UG	Drishwin R V	Fathima Sithara	W M O College, Muttill
40	Euler's polyhedral formula and its Application	UG	Fahmiya	Dr Viji Paul	W M O College, Muttill
41	Introduction to coding theory	UG	Farhana CH	Fathima Sithara	W M O College, Muttill
42	Rings and fields	UG	Fathima.C.M	Afeera M	W M O College, Muttill
43	Coloring of graph theory	UG	Muhammad Basheer K	Santhosh Kumar C G	W M O College, Muttill
44	Rings and fields	UG	Munavvira P M	Afeera M	W M O College, Muttill
45	A brief study on planar graphs and nonplanar graphs	UG	NAJA LATHEEF A.T.	Aswathy	W M O College, Muttill
46	Graph theory	UG	Najiya E C	Mini C	W M O College, Muttill
47	Graph theory and its application	UG	Najiya Nasrin	Mini C	W M O College, Muttill
48	Coloring of graphs and application	UG	Pournami AG	Santhosh kumar C G	W M O College, Muttill
49	Introduction to Cryptography	UG	Ramziya E K	Aswathy	W M O College, Muttill
50	Vedic mathematics	UG	Ruksana ferbin	Santhosh kumar C G	W M O College, Muttill



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51	Introduction to Coding Theory	UG	Sana K K	Fathima Sithara	W M O College, Muttill
52	Cryptography	UG	Seethalakshmi K V	Aswathi K	W M O College, Muttill
53	Rings and fields	UG	SHAHANA P K	Afeera M	W M O College, Muttill
54	Euler's Formula and its Applications	UG	Thejas Manoj	Dr Viji Paul	W M O College, Muttill
55	A Study of Some Mapping in Complex Analysis	UG	VISHNU P V	Alsha Joseph	W M O College, Muttill
56	Graph Theory and its Applications	UG	Shafie Khalid Abdulla	Mini C	W M O College, Muttill
57	Study of Planar and non-planar graph	UG	Ajnas P	Aswathi K	W M O College, Muttill
58	Graph Theory and its Applications	UG	Shana M K	Mini C	W M O College, Muttill
59	A study of some techniques in Vedic mathematics	UG	Shahana P	Santhoshkumar C G	W M O College, Muttill
60	Catalan Numbers and its Applications	UG	Salha Sherin	Drishya T Das	W M O College, Muttill
61	A study on some mapping in complex analysis	UG	Rafeekha Mumthaz V K	Alsha Joseph	W M O College, Muttill
62	Introduction to cryptography	UG	Harshitha Musthafa	Drishya T Das	W M O College, Muttill
63	A study of some techniques in Vedic mathematics	UG	Lulu K P	Santhoshkumar C G	W M O College, Muttill
64	Coloring of graphs and application	UG	Shabna	Santhoshkumar C G	W M O College, Muttill
65	Coloring of graphs and application	UG	Jasleena P M	Santhoshkumar C G	W M O College, Muttill



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5. Webinars

Webinars on various topics were conducted to enhance the learning experience of students.

5.1 Webinar on Corona- the present Pandemic

A Webinar on 'Corona- the present Pandemic' was co-ordinated by I year B Sc mathematics students during July 17-18, 2021 using the online platform Google Meet. The impact of Covid 19 in various sectors was studied, analysed, and presented. Ten presentations were conducted. About 130 participants attended the webinar. An active discussion was held after the students' presentations. The recorded videos of the webinar are published on YouTube.

Google Meet Link : <https://meet.google.com/ukr-nwoq-wnr>

The presenters and the topics are the following.

1. **Muhseena KTP** : **Lifestyle and self-protection**
2. **Soumya S** : **Mental Health of Individuals**
3. **Shamila K K** : **Children and Social life**
4. **Hasna T H** : **E-learning**
5. **Rifah Reslin** : **Growth of Digital Platform**
6. **Rahila K K** : **Impact on Indian Economy**
7. **Naseeba Sithara** : **Effect on Agriculture**
8. **Arathi Anil** : **Changes in Tourism Sector**
9. **Varsha E** : **Lockdown effects in India**
10. **Aneeza Fathima** : **Vaccination- Method to curb Covid 19**

Link to the YouTube videos of the webinar

1. Day 1 : <https://youtu.be/btFzfk0bJc>
2. Day 2 : https://youtu.be/_vmHX40iGOk



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WMO ARTS AND SCIENCE COLLEGE MUTTIL
DEPARTMENT OF MATHEMATICS
FIRST YEAR BSC STUDENTS
PRESENT

LIVE WEBINAR
CORONA: THE PRESENT PANDEMIC
17, 18 JULY 2021 10.30AM - 11.30AM

MEET LINK
<https://meet.google.com/ukr-nwoq-wnr>

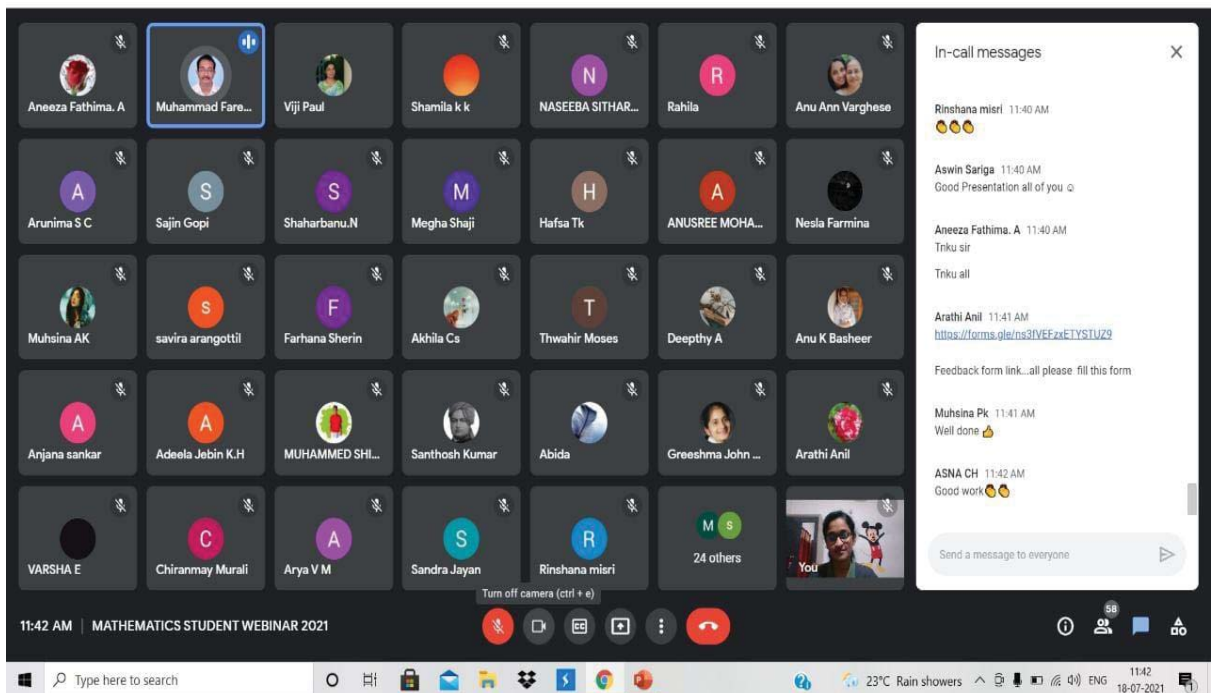
Muhseena KTP Lifestyle and self protection	Rahila KK Impact on Indian economy
Soumya S Mental health of individuals	Naseeba Sithara Effect on Agriculture
Shamila KK Children and social life	Arathi Anil Changes in Tourism sector
Hasna TH E-Learning	Varsha E Lock down effects in India
Rifah Reslin Growth of digital platform	Aneza Fathima Vaccination - method to curb covid 19

WMO ആർട്ട്സ് ആൻഡ് സയൻസ് കോളേജ് : മുട്ടിൽ
Bsc മാതൃകാവിദ്യാർത്ഥികൾക്കും മറ്റ് വിദ്യാർത്ഥികൾക്കും
അവതരിപ്പിക്കുന്ന
ദ്രിശ്യ വെബിനാർ
2021 ജൂലൈ 17, 18
രാവിലെ 10.30 - 11.30

"Corona - The present pandemic"

മാനവരല്ലെങ്കിൽ വീടുകളിൽ അകത്തുനിൽക്കുക എന്നതാണ് വരുന്ന പലതരം അപകടങ്ങളിലൂടെയാണ് നമ്മളിൽ കടന്ന് പോയിത്തീർന്നിരിക്കുന്നത്. ഈ സാഹചര്യം ഭരണ വിവിധ മേഖലകളിൽ വരുത്തിയ അപകടം എത്രത്തോളമാണെന്ന് ഗണിതസങ്കേതങ്ങളും സ്ഥിതി-വിവരങ്ങളും ഉപയോഗപ്പെടുത്തി അളവുകൾ പരിശോധിക്കുകയാണ്. ഈ സഹായത്തിലേക്ക് പുസ്തകവും വാർത്താവിഷയം ഉപയോഗിക്കുക.

ഗണിത ശാസ്ത്ര കൂട്ടായ്മ
WMO കോളേജ്, മുട്ടിൽ





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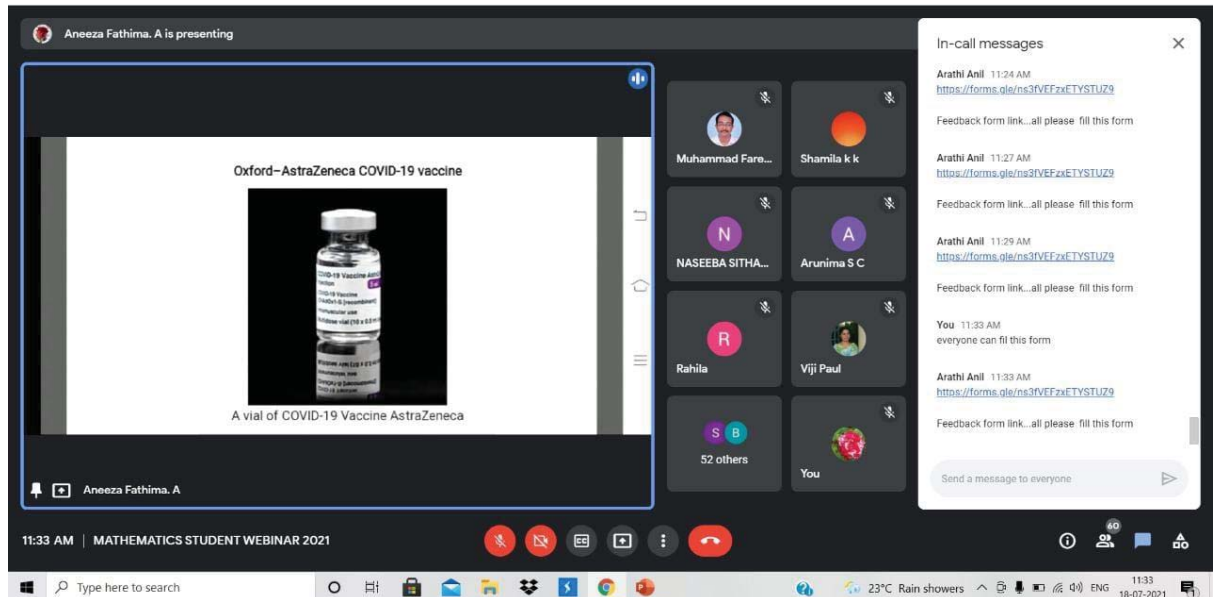
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5.2. Webinar on Gender - an unsolved equation

In association with the Women Cell of the college, A Webinar on Gender - an unsolved equation was conducted on 29-3-2022, Tuesday through the Google platform. Dr. Mary Matilda, Special Grade Principal (Rtd) Maharaja's College, Ernakulam delivered the keynote address. An active discussion session was held as part of the webinar

Link to the YouTube Video of the webinar : <https://youtu.be/xqrRDKlgr-c>





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6. Ability Enhancement programme

In order to enhance the abilities of postgraduate students, a series of presentations were conducted during December 6-7, 2021. Eighteen students presented on various topics and it could develop their analytical, communication, and presentation skills and build their confidence. The presentations were interactive with students and teachers asking questions. The presentations had a positive impact on the students as they provided an opportunity to showcase their talents and skills. Students submitted reports of their presentations and necessary suggestions were put forward by concerned faculty to improve their quality of writing.

An Exploratory talk on '**Mathematics and Music**' was conducted on 6-9-2021 by Ms Avina V, II MSc Mathematics through Google meet.



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7. Observance of Pi Day

The Pi Day celebrations (Ludolphian 2022) were co-ordinated by I MSc Mathematics students on 14 - 3- 2022. The programs were inaugurated by Mr. Siby Joseph, Associate Professor and Head, Dept of Electronics. Saradha S of I BSc Mathematics delivered a talk on 'The Importance of Pi'. A Puzzle corner was set up near Athimarachuvadu for students of other departments. It included various puzzles and games designed to promote interest in Mathematics among their peers. An interdepartmental Treasure hunt was conducted in the campus. The students were divided into teams and each team was given a set of clues that they had to solve in order to move to the next level. The clues were designed to test the student's knowledge and skills. The aim of the activity was to provide students with an opportunity to apply their mathematical skills in a real-world setting and to promote teamwork and problem-solving skills.



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8. MAGMA 2021(National Mathematics Day Celebrations)

Observing National Mathematics Day, various programs were conducted on 22-12-2021 under the title MAGMA- 2021. Dr. Muhammed Fareed T P, Principal W M O Arts and Science College inaugurated the program. The Programmes included Exploratory talks by students, Slide presentations, quizzes, Mathematical puzzles, and games. A Christmas Carol was performed by the students celebrating Christmas. The cultural program was organized as part of the celebrations which showcased the talents of students.



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9. Manuscript magazine

Students of the department bring out manuscript magazines every year from 2010 onwards. Due to the pandemic induced situation, the magazine for the year 2020-21 'വസന്തം ഇങ്ങനെയായാൽ പൂക്കളോട് പോലും ഞങ്ങൾ കലഹിച്ചു പോകും ' was published as E-magazine on 5-8-2021. Sri Kalpetta Narayanan released the E-Magazine and delivered inaugural address. Mr Ajnas P and Ms Anu K Basheer are the student editors of the magazine for the year 2020-21. The preparation of the magazine helped students to develop their writing, editing, designing, and communication skills. It allowed students to work collaboratively, think creatively, and gain Real world experience in magazine publishing.

Link to the video: <https://youtu.be/Q7TU1wVSR7Y>

Link to the magazine:

<https://online.fliphtml5.com/wrxox/gmcp/?1628131013594#.YQtO87gawB4.whatsapp>

<p>ഡബ്ലിയു. എം. ഒ. കോളേജ് , മുട്ടിൽ ഗണിത ശാസ്ത്ര വിഭാഗം 05-08-2021 വ്യാഴം, 7.30 PM(Google Meet) https://meet.google.com/dxc-tsmh-vgp</p>	<p>മാഗസിൻ പ്രകാശനം ശ്രീ കൽപ്പറ്റ നാരായണൻ</p>
	



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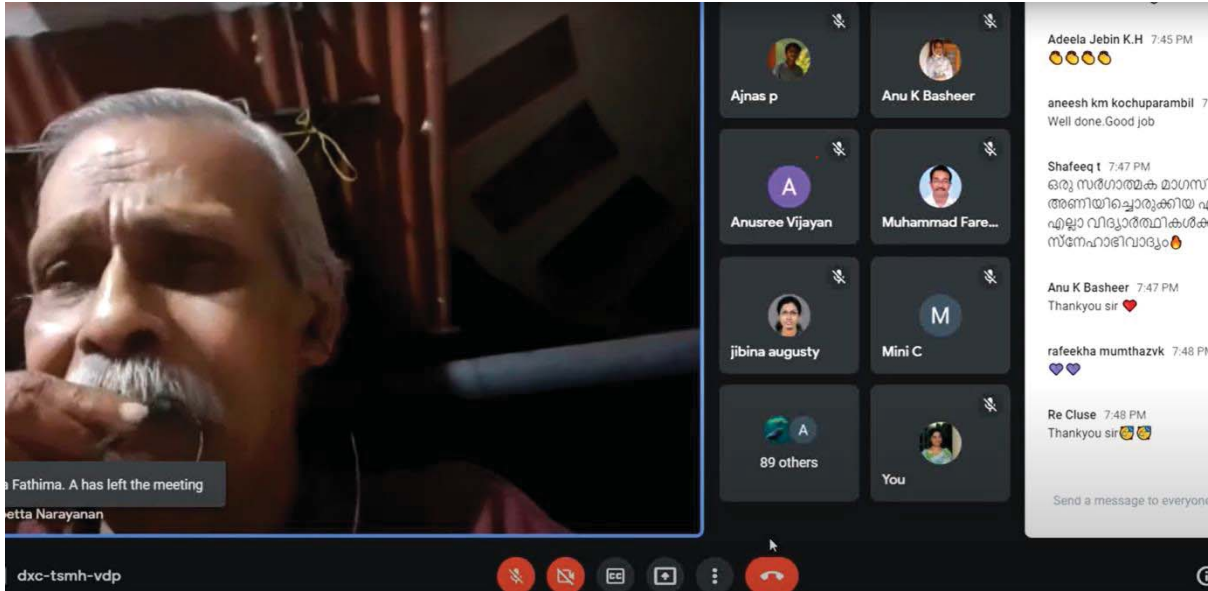
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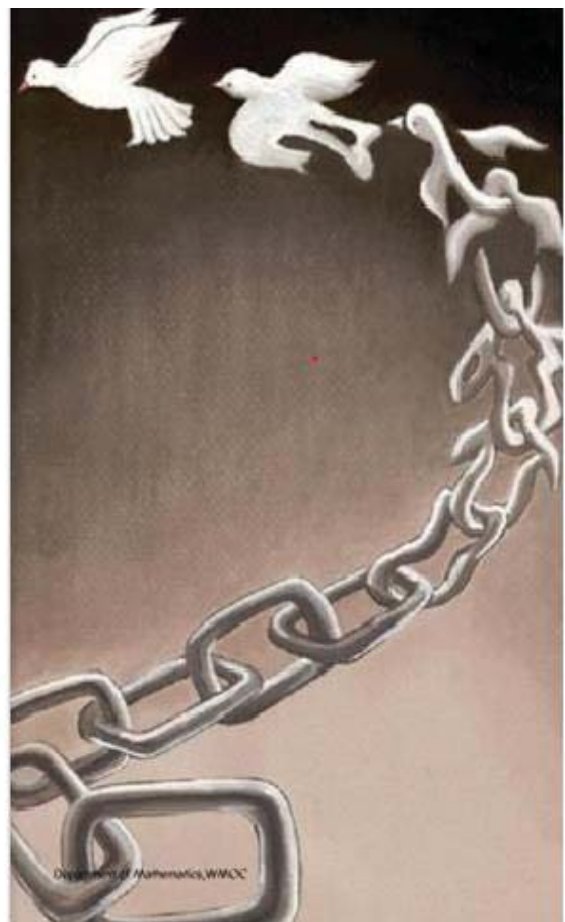
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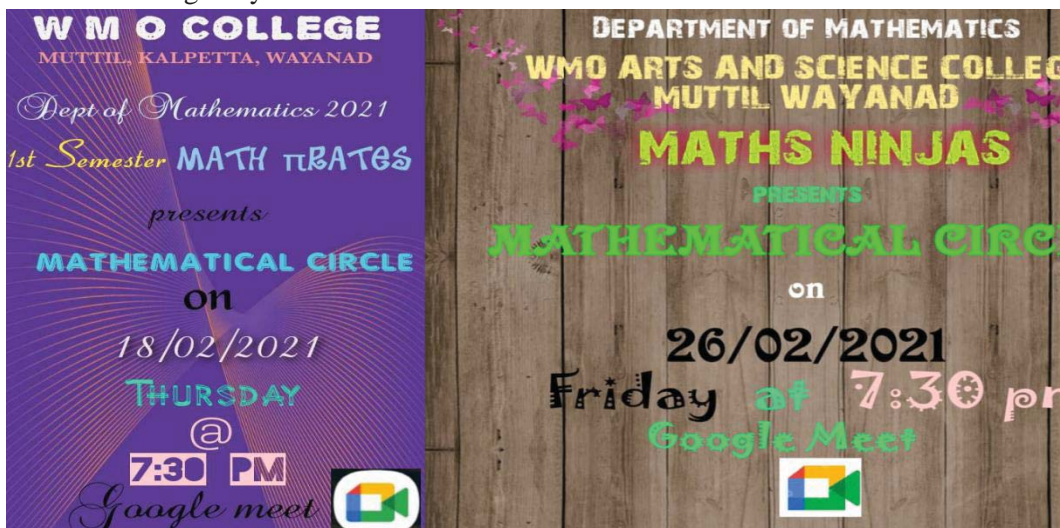
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The Mathematical Circle

The Mathematical Circle is a platform designed to experience the challenges and thrills of Mathematics. It helps students to pose and solve non-routine problems and do Recreational Mathematics. Students of Dept. of Mathematics are divided into 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 7 online meetings and one offline meeting of the Circle were conducted during the year 2021-22.





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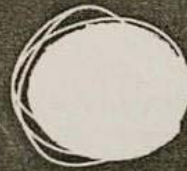
CIRCLE REPORT

GROUP NAME: SAM. 2NV

WMO college
Muttill

TEAM SAM. 2NV
PRESENT

MATHEMATICAL
CIRCLE



VARSHA
AMINA
MAHIRA

17/6/21
7.30 PM
GOOGLE
MEET

NASHIL
NAJIYA
SALMAN



WELCOME ALL



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Group members: Varsha E

Najiya Fathima
Amina Jasna K
Mahira P K
Selmanul Fariz
Nashil

Programmes conducted:

1. Nashil- Introduction
2. Varsha- Mathematical case study
3. Najiya- About mathematician
4. Mahira- Interesting facts about mathematics
5. Selmanul Fariz- Multiplication tricks
6. Amina- Quiz, News
7. Najiya, Nashil- Cultural Programs

*program poster, slide

*conducted on 17/06/2021 at 7:30 PM through google meet.

Report:-

- Varsha presented some mathematical case studies. she explained how mathematics is changing the world. Every aspect of our modern lives is affected by mathematics. She mentioned about the application of mathematics in different industries like health and medicine, tissue engineering etc. Mathematicians at the University of St Andrews have developed new models of how cancer spreads with the help of mathematics.
- Najiya presented about the famous mathematician George Friedrich Bernhard Riemann. Through her presentation we got to know something that we didn't know about Riemann. She explained about the contributions of Riemann in analysis, number theory and Differential Geometry.
- Mahira presented some interesting facts in mathematics. Roman numbers are one thing that we tend to overlook. Zero can't be represented with Roman numbers. Similarly the multiplication of repeated ones is a palindrome sequence.
- As a mathematics student it is necessary for all of us to be able to quickly perform many arithmetic operations. Salman introduced a few tricks to perform arithmetic operations quickly in the circle meet.
- Amina Jasna conducted a quiz based on mathematics. It was conducted through Google form. She also presented the news about "Michael and Sheila held prize", 2021.

Varsha E
Luff

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



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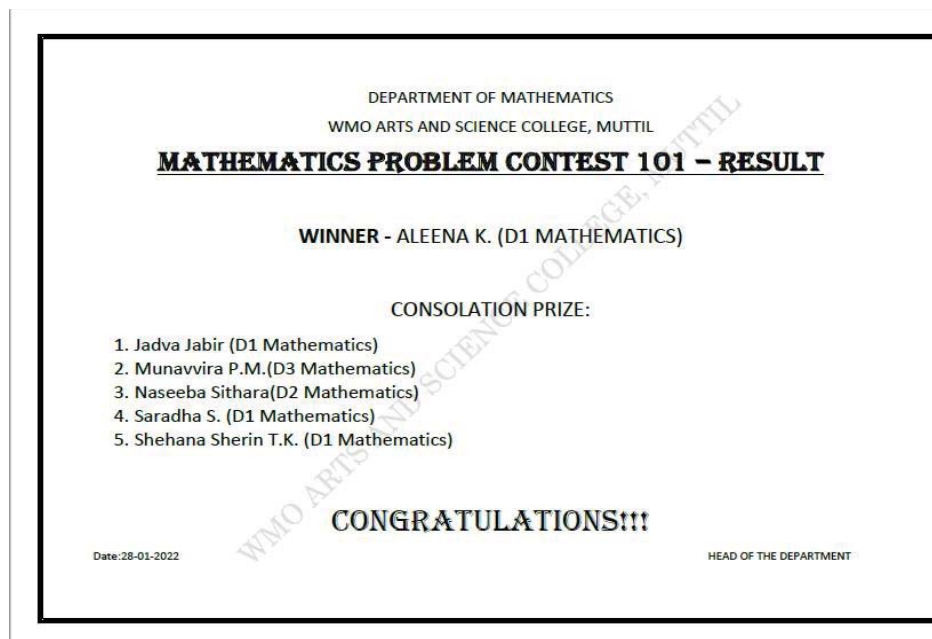
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10. Mathematical Problems Contests

With the aim of motivating the students, Mathematics Problem Contests are conducted every month which is designed to challenge the students and bring the best in them to the fore. The problems are of a very different nature from the problems students usually encounter during their college curriculum. Winners are honoured with prizes during the meetings of the Mathematical Circle. During the lockdown period, 22 online Mathematical Problems Contests were conducted by Teachers, Alumni, and students.

After the reopening of offline classes, 6 mathematical problems contests were conducted during the year 2021-22. Sarang M J, Basil Eldho, Aleena K, Munavvira P M, Naseeba Sithara, and Devika Jayaprakash were the winners.



11. Students' Presentations

As part of imparting Certificate Course on Recreational Mathematics, student presentations were conducted in December 2021 through Google Meet. The talks were on exploratory topics in mathematics.



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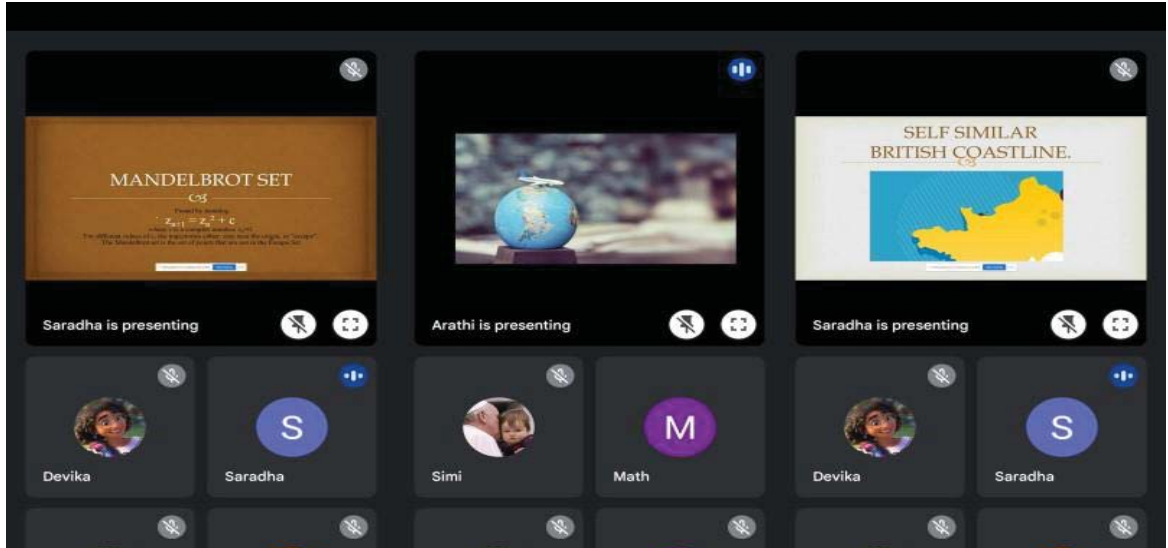
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12. Achievements of students

Students participated in various intercollegiate events and interdepartmental events and won many prizes.

The following are some of the achievements of students during 2021-22.





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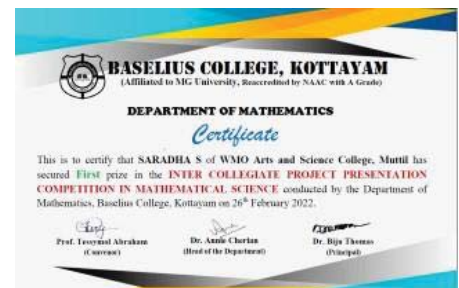
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1. Rahila K K, II BSc Mathematics won first prize for National level online Mathematics Quiz conducted by Nirmala Memorial College of Commerce and Science, Mumbai on July 23, 2021.
2. Rahila K K, II BSc Mathematics won first prize for the National level Quiz conducted by P N Panicker Foundation on 19-6-2021, in collaboration with NITI Ayog, Ministry of Education, National Digital Library of India.
3. Rahila K K, II BSc Mathematics won First prize and cash award for Intercollegiate Mathematics Quiz conducted by Assumption College, Changanacherry on 19 - 8 - 2021.
4. Rahila K K, II BSc Mathematics won Second prize and Cash award for the Intercollegiate Mathematics Quiz conducted by Baselius College, Kottayam on 15-9-2021.
5. Arathi Anil, I BSc Mathematics won third prize in 'The one in books competition' conducted by Department of Computer Science on 26-6-2021.



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6. Rahila K K, II BSc Mathematics won first prize in Quiz competition in connection with World Environmental day at W M O College, Muttil.
7. Asna C H, I MSc Mathematics, Shabna, II BSc Mathematics, Arathi Anil, I Bsc Mathematics, Saneesh Babu, II Msc Mathematics, won in " Ente Ishta puthakam" Conducted Reader's Forum and Dept. of Malayalam on 19-6-2021.
8. Rahila K K, II BSc Mathematics & Febina C I, III BSc Mathematics selected to state level in All Kerala Career Quiz
9. Seethalakshmi K V, III BSc Mathematics won the Natural Photography Contest conducted by the Dept. of Arabic on 8-6-2021
10. Arunima S C , II BSc Mathematics won I prize of the Hindi Manch, Gandhi Jayanti Programme held on October 2, 2021
11. Rahila K K of II BSc Mathematics won First prize in the National level Online Mathematics Quiz conducted by Nirmala Memorial College of Commerce and Science, Mumbai on July 23, 2021
12. Rahila K K of II BSc Mathematics won First prize and cash award for the Intercollegiate Mathematics Quiz conducted by Assumption College, Changanacherry on 19-8-2021.
13. Rahila K K of II BSc Mathematics won Second prize and cash award for the Intercollegiate Mathematics Quiz conducted by Baselius College, Kottayam on 15- 9-2021
14. Saradha S of I BSc Mathematics won II Prize of the Intercollegiate online PPT competition on 'Mathematics discoveries that changed the world' conducted by St Joseph's College, Irinjalakuda on 20 October 2021
15. Saradha S of I BSc Mathematics won First prize in the intercollegiate project presentation competition in Mathematics conducted by Baselius College, Kottayam held on 26-2-2022



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16. Rahila K K of II BSc Mathematics won First prize in the Intercollegiate Mathematics Quiz conducted by KE College, Mannanam on 25- 2-2022.
17. Saradha S of I BSc Mathematics won second prize in the Math Designer contest conducted by MES college Marampally held on 26-2-2022
18. Rahila k K of II BSc Mathematics won second prize in the Math solver contest conducted by MES college, Marampally held on 26-2-2022
19. Muhasina Sherin of I BSc Mathematics won First prize in the Reading Competition conducted by Readers club, Dept. of English and Library observing World Book Day on 03-03-2022.
20. Alok Kurian of I BSc Mathematics won First prize in the Reading Competition conducted by Readers club, Dept. of English and Library observing World Book Day on 03-03-2022
21. Rahila K K of II BSc Mathematics was selected for Mathematics Training and Talent Search Program (MTTS) 2022.
22. Sarang M J and M J Abhina V of I MSc Mathematics won first prize in the Quiz conducted by the Dept. of Social Work on 21-2-2022 as part of celebrations of World Day of Social Justice.
23. Rahila K K and Arathi Anil of II BSc Mathematics won second prize in the Quiz conducted by the Dept. of Social Work on 21-2-2022 as part of the celebrations of World Day of Social Justice.
24. Saradha S, I BSc Mathematics won Third prize in the Paper presentation competition conducted on 11-3-2022 by Rajagiri School of Engineering and Technology, Kochi.
25. Rahila K K, II BSc Mathematics won First place in the District level Essay writing competition conducted by the Department of Food and Civil Supplies & Consumer Affairs, Govt. of Kerala on 15-3-2022



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Appendix

13. List of YouTube videos created

1. Name of the teacher : Thahira T A

Subject code : MTS6B13

Subject name : Differential equations

Topic : Second order linear differential equations

Link :

https://youtube.com/playlist?list=PLFix_tH2oCmei8ADB18if6JU7jYWxhmIR

Name of the teacher : Thahira T A

Subject code : MTS4B04

Subject name : Linear Algebra

Topic : Linear mappings and vector spaces

Link :

https://youtube.com/playlist?list=PLFix_tH2oCmc18ackviRHTOGHQH2pHm17

2. Name of the teacher : Thahira T A

Subject code : MTS1B01

Subject name : Basic Logic and Number Theory

Topic : Multiplicative functions

Link :

https://youtube.com/playlist?list=PLFix_tH2oCmdRBw6JkY6sANS2xmDvuWMA

3. Name of the teacher : Thahira T A

Subject code : MTS6B11

Subject name : Complex Analysis

Topic : Complex integration

Link :

https://youtube.com/playlist?list=PLFix_tH2oCmd3eQ5ro9hJAMepikg5eI9W

4. Name of the teacher : Thahira T A

Subject code : MTS6B13

Subject name : Differential equations



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Topic : First order differential equations

Link : https://youtube.com/playlist?list=PLFlx_tH2oCmd01pmEERTpIKHdFEW-J-vs

5. Name of the teacher : Thahira T A

Subject code : MTS6B12

Subject name : Calculus of multi- variable

Topic : Vector Calculus

Link : https://youtube.com/playlist?list=PLFlx_tH2oCmcb_QitlQfZSFu0yX-ETD5Y

6. Name of the teacher : Thahira T A

Subject code : MTS6B12

Subject name : Calculus of multivariable

Topic : Calculus of multivariable functions

Link :

https://youtube.com/playlist?list=PLFlx_tH2oCmdQ9Em5MFdCgDvsDiJkDjgm

7. Name of the teacher : Thahira T A

Subject code : MTS6B12

Subject name : Calculus of multi -variable

Topic : Vector integration

Link :

https://youtube.com/playlist?list=PLFlx_tH2oCmde3NZqBGHhYnPL79yKxnOs

8. Name of the teacher : Dr. Viji Paul

Subject code : MTS4B04

Subject name : Linear Algebra

Topic : Eigen values

Link : <https://youtu.be/Ofa0F8MRiWg>

https://youtu.be/zYLkvS_ju5g

9. Name of the teacher : Dr. Viji Paul

Subject code : MTS4B04

Subject name : Linear Algebra

Topic : Diagonalization of a matrix



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Link : <https://youtu.be/6VtHbWHdvaE>

10. Name of the teacher : Dr. Viji Paul

Subject code : MTS4B04

Subject name : Linear Algebra

Topic : Power of a matrix

Link : <https://youtu.be/uFUOVO0MkVI>

11. Name of the teacher : Dr. Viji Paul

Subject code : MTS2B02

Subject name : Calculus of single variable -1

Topic : The fundamental theorem of calculus

Link : <https://youtu.be/Nf4uR7OEDmk>

12. Name of the teacher : Dr. Viji Paul

Subject code : MTS4B04

Subject name : Linear Algebra

Topic : Inner product spaces

Link : <https://youtu.be/-veF3abGX0>

13. Name of the teacher : Dr. Viji Paul

Subject code : MTS4B04

Subject name : Linear Algebra

Topic : Angle and orthogonality in inner product spaces

Link : <https://youtu.be/tv19wA2WrpA>

14. Name of the teacher : Dr. Viji Paul

Subject code : MTS4B04

Subject name : Linear Algebra

Topic : Orthogonal Diagonalization

Link : <https://youtu.be/C6UdZmtpb64>

15. Name of the teacher : Dr. Viji Paul

Subject code : MTS5B09

Subject name : Theory of equations



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Topic : Introduction to Geometry and Theory of equations

Link : <https://youtu.be/PUPOcHbHPM8>

16. Name of the teacher : Dr. Viji Paul

Subject code : MTS5B05

Subject name : Abstract Algebra

Topic : Group theory

Link : <https://youtu.be/gKZWanzwTZ0>

<https://youtu.be/VjmGJax7pts>

17. Name of the teacher : Dr. Viji Paul

Subject code : MTS5B05

Subject name : Abstract Algebra

Topic : Fundamental theorem of algebra and complex roots

Link : <https://youtu.be/kSaHdC7qrP4>

18. Name of the teacher : Dr. Viji Paul

Subject code : MTS5B09

Subject name : Introduction to Geometry and Theory of equation

Topic : Introduction to Geometry

Link : <https://youtu.be/qnwUXXoteeg>

19. Name of the teacher : Dr. Viji Paul

Subject code : MTS6B10

Subject name : Real Analysis

Topic : Uniform convergence of sequence of functions

Link : <https://youtu.be/NE5-f7TOnLO>

20. Name of the teacher : Dr. Viji Paul

Subject code : MTS4B04

Subject name : Linear Algebra

Topic : Elementary operations and inverse of a matrix

Link : <https://youtu.be/nqj2thbMuBE>

21. Name of the teacher : Santhoshkumar C G



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Subject code : MTS6B10
Subject name : Real Analysis
Topic : Cauchy convergence criterion for sequences
Link : https://youtu.be/O8I3Z_2nUTI

22. Name of the teacher : Santhoshkumar C G

Subject code : MTS6B10
Subject name : Real Analysis
Topic : Contractive sequences of real numbers
Link : <https://youtu.be/yI0QSmOEWng>

23. Name of the teacher : Santhoshkumar C G

Subject code : MTS3B03
Subject name : Calculus of single variable2
Topic : Quadric surfaces
Link : <https://youtu.be/7IP4jyqpR1Y>

24. Name of the teacher : Santhoshkumar C G

Subject code : MTS6B10
Subject name : Real Analysis
Topic : An introduction to properly divergent sequences
Link : <https://youtu.be/JS1Wr9Kqa1Q>

25. Name of the teacher : Santhoshkumar C G

Subject code : MTS6B10
Subject name : Real Analysis
Topic : Limits involving the point at infinity
Link : <https://youtu.be/n879kgQwsQg>

26. Name of the teacher : Santhoshkumar C G

Subject code : MTS6B11
Subject name : Complex Analysis
Topic : Zeros and poles
Link : <https://youtu.be/9BJNchICJZE>



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27. Name of the teacher : Santhoshkumar C G
Subject code : MTS4B04
Subject name : Linear Algebra
Topic : Wronskian and linear independence of functions
Link : <https://youtu.be/xW0iC0icWlw>
28. Name of the teacher : Santhoshkumar C G
Subject code : MTS4B04
Subject name : Linear Algebra
Topic : Basis for a vector space
Link : <https://youtu.be/Ge3CHa-lA6c>
29. Name of the teacher : Santhoshkumar C G
Subject code : MTS2B02
Subject name : Calculus of single variable 1
Topic : Drawing of graphs using Calculus
Link : https://youtu.be/4DulZ_sPCqw
30. Name of the teacher : Santhoshkumar C G
Subject code : MTS4B04
Subject name : Linear Algebra
Topic : Properties of basis for a vector space
Link : <https://youtu.be/amMxk7ds6pc>
31. Name of the teacher : Santhoshkumar C G
Subject code : MTS4B04
Subject name : Linear Algebra
Topic : Coordinates of a vector related to a basis
Link : <https://youtu.be/9WsF-gxAMgw>
32. Name of the teacher : Santhoshkumar C G
Subject code : MTS4B04
Subject name : Linear Algebra



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Topic : Change of basis

Link : <https://youtu.be/y4zIEwMHTTs>

33. Name of the teacher : Santhoshkumar C G

Subject code : MTS4B04

Subject name : Linear Algebra

Topic : Invertibility of transition matrices

Link : <https://youtu.be/ovWQy7LP90E>

34. Name of the teacher : Santhoshkumar C G

Subject code : MTS4B04

Subject name : Linear Algebra

Topic : Row space, column space and null space of a vector space

Link : <https://youtu.be/3unxfzhSaZQ>

35. Name of the teacher : Santhoshkumar C G

Subject code : MTS4B04

Subject name : Linear Algebra

Topic : Rank and nullity of a matrix

Link : <https://youtu.be/CTAOXYmr5K4>

36. Name of the teacher : Santhoshkumar C G

Subject code : MTS3B03

Subject name : Calculus of single variable 2

Topic : Improper integrals

Link : <https://youtu.be/BrdOlks-ol>

37. Name of the teacher : Santhoshkumar C G

Subject code : MTS4B04

Subject name : Linear Algebra

Topic : Basic matrix transformations

Link : <https://youtu.be/UJN6v98IUGw>

38. Name of the teacher : Santhoshkumar C G

Subject code : MTS5B07



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Subject name : Numerical Analysis

Topic : Limit of functions and the Newton's method to find a root

Link : <https://youtu.be/tnaNcT1BI00>

39. Name of the teacher : Santhoshkumar C G

Subject code : MTS5B07

Subject name : Numerical Analysis

Topic : Numerical integration

Link : https://youtu.be/_4GY3zOchYA

40. Name of the teacher : Santhoshkumar C G

Subject code : MTS6B11

Subject name : Complex Analysis

Topic : Rouché's theorem and evaluation of Fourier integrals

Link : <https://youtu.be/Lu6T61vQTVI>

41. Name of the teacher : Aswini Viswajith

Subject code : MTS6B12

Subject name : Calculus of multi- variable

Topic : Parametric curves

Link : <https://youtu.be/4atJt5511ms>

42. Name of the teacher : Thahira T A

Subject code : MTS6B13

Subject name : Differential equations

Topic : Laplace transforms

Link : https://youtube.com/playlist?list=PLFix_tH2oCmdfwcAlQIcz-No-ruHjG3bF

43. Webinar on Kerala PSC -RO AND SI- prospects and possibilities

Link: <https://youtu.be/cgpw1ufexPM>

44. Webinar on Corona : The present pandemic

Link: <https://youtu.be/btFzfk0bJc>



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45. Webinar on Corona : The present pandemic
Link: https://youtu.be/_vmHX40iGOk
 46. Magazine Release 2020-21
Link: <https://youtu.be/Q7TU1wVSR7Y>
 47. Webinar on 'Gender-An Unsolved Equation' – Dr. Mary Matilda
Link: <https://youtu.be/xqrRDKlgr-c>
 48. Lecture series on 'Differential Geometry No. 3
Link: <https://youtu.be/rpZuHC8itfA>
 49. Lecture series on 'Differential Geometry No. 4
Link: <https://youtu.be/ZE00BaAw7I0>
 50. Lecture series on 'Differential Geometry No. 5
Link: <https://youtu.be/TFCpHUKkwYw>



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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
2021-2022**

CONTENTS

1	List of facilities available
2	Software tools used
3	Details of Project work
4	Magazines
5	Webinars
6	Day Celebration
7	Seminar
8	Awards/achievements of students
9	Department Tour

List of facilities available.

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

Software tools used

SL No.	Faculty	Tools Used
1.	Dr. Najmuddeen. P	Moodle
		PowerPoint
2.	Ms. SHAILA KH	Moodle
		Power point
3.	Dr. Yusuf VK	Power point
		Power point
4.	Dr. Muhammad Sayeed MK	Power point
		Power Point
5.	ASIL K	Power Point
		Power Point
6.	ABBAS K	Telegram
		Power point
7.	Dr. Shakeer Nellikunnummal	Power point
		Power point
8.	SHAHEER PP	Moodle
		Power point



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Student projects.

Details of Project work

BA ARABIC- 2021-2022

SL No.	Reg NO.	Name	Subject	Guide
1	WMATAARR001	AFNU MILAS	CONTEMPORARY ARABIC CREATOERS IN JORDAN	Dr. Najmudhdeen P
2	WMATAARR002	ARSHIDA CP		
3	WMATAARR003	ASIFA		
4	WMATAARR004	FARSANA KT		
5	WMATAARR005	FATHIMA FARSANA		
6	WMATAARR006	FIDHA FATHIMA		
7	WMATAARR008	HASNA PP		
8	WMATAARR010	JASNA K		
9	WMATAARR011	JUMNA SHARAF	CONTEMPORARY ARABIC WRITERS IN ALGERIA	Mrs. Shyla KH
10	WMATAARR012	MUHSINA M		
11	WMATAARR013	MUHSINA P		
12	WMATAARR014	MUNSIYA A		
13	WMATAARR015	RAJISHA K		
14	WMATAARR016	RUKSANA RAFEEK PK		
15	WMATAARR018	SHAHANA SHERIN		
16	WMATAARR019	SHAIMA		
17	WMATAARR022	SUFAINA	MODERN ARABIC LITERATURE IN THE STATE OF QATAR	Dr. Yoosuf Nadvi
18	WMATAARR023	SUHAILA K		
19	WMATAARR053	HASEEMA AV		
20	WMATAARR054	KADEEJAH SHERIN KP		
21	WMATAARR055	MUFEEEDHA K		



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22	WMATAARR058	SELVA SHERIN	CONTEMPORARY ARABIC WRITERS IN LEBNON	Dr. Muhammad Sayeed MK
23	WMATAARR024	ADIL HANI		
24	WMATAARR026	AFNAS M		
25	WMATAARR027	ANAS SHERBIN C		
26	WMATAARR028	ARSHIDA MP		
27	WMATAARR029	AYOOB P		
28	WMATAARR030	ISMAYIL KP		
29	WMATAARR031	JOUHAR TP		

30	WMATAARR033	MUHAMMAD DIYOOF	CONTEMPORARY ARABIC WRITERS IN SYRIA	Mr. Asil Kalathingal
31	WMATAARR034	MUHAMMAD FAHIM		
32	WMATAARR035	MUHAMMAD FAYIZ K		
33	WMATAARR038	MUHAMMAD SHAMIL K		
34	WMATAARR039	MUHAMMAD FARIZ		
35	WMATAARR040	MUHAMMAD HANNAN		
36	WMATAARR041	MUHAMMAD MIDLAJ	CONTEMPORARY ARABIC WRITERS IN EGYPT	Mr. Abbas Wafi
37	WMATAARR042	MUHAMMAD RASHID		
38	WMATAARR043	MUHAMMAD SALMAN KV		
39	WMATAARR044	MUHAMMAD SHAFI KK		
40	WMATAARR045	MUHAMMAD SHAMNAD		
41	WMATAARR046	MUHAMMAD SWADIK VM		
42	WMATAARR047	MUZAMMIL		
43	WMATAARR048	NAHAS P		



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44	WMATAARR049	RISHAD KIZHKKAYIL	CONTRIBUTIONS OF ARAB EMIRATES TO MODERN ARABIC LITERATURE	Mr. Sakkeer Nellikkunnummal
45	WMATAARR051	SAHDAN BASIM P		
46	WMATAARR060	AHAMAD SINAN CA		
47	WMATAARR061	HIDAYATHULLAH M		
48	WMATAARR062	IRSHAD P		
49	WMATAARR063	MUHAAAMMAD ASIF TN		
50.	WMATAARR064	AMAL P		

Details of Project work

MA ARABIC- 2021-2022

SL No.	Reg NO.	Name	Subject	Guide
1.	WMAUMAR001	AHMAD SHABEEH KK	PRISON LITERATURE IN SAUDI ARABIA, WITH SPECIAL REFERENCE TO THE WORKS OF ABD AL-RAHMAN MUNIF	Dr. NAJMUDHEEN P
2.	WMAUMAR002	AHFAQUE ALI P	PRISON EXPERIENCE IN ARABIC LITERARY TEXTS WITH A FOCUS ON THE AUTOBIOGRAPHY "DAYS OF MY LIFE" BY ZAINAB AL GHAZALI	Mrs. SHYLA KH



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3.	WMAUMAR003	FASNA	PRISON LITERATURE IN EGYPT WITH REFERANCE TO THE WORKS OF SAYYID QUTB	Dr. YOOSUF VK
4.	WMAUMAR004	FATHIMA SAHLA TV	PRISON LITERATURE WITH SPECIAL REFERANCE TO THE WORKS OF AYMAN AL ATOUM	Dr. MUHAMMAD SAYEED MK
5.	WMAUMAR005	JASEEM KT	PRISON LITERATURE IN SYRIA WITH SPECIAL REFERANCE TO THE WORKS OF MUSTHAFA KHALIFA	Mr. ASIL K
.6	WMAUMAR006	JUMANA N	PRISON EXPERIENCE IN MODERN IRAQI ARABIC POETRY: THE POETRY MUZAFAR AL NAWAB AS A MODEL	Mr. ABBAS KA
7	WMAUMAR007	MUBSIRABK	SAMIH AL QASIM AND HIS CONTRIBUTIONS TO PRISON LITERATURE	Mr. SAKEER NELLIKKUNNUMM AL
8.	WMAUMAR008	MUHAMMAD SHAFI VM	THE EXPERIENCE OF POLITICAL PRISON IN MODERN ARABIC NOVELIN SYRIA	Mr. ASIL K
9.	WMAUMAR009	SHIFA THASNI U	NAWAL SAADAWIS CONTRIBUTION TO PRISON LITERATURE	Mr. ABBAS K A



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10.	WMAUMAR010	SULFIYA P	THE IMAGE OF THE HOMELAND IN PRISON POETRY: MAHMOUD DARWISH AS A MODEL	Mr. SAKEER NELLIKKUNNUM AL
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MAGAZINES

Peer Reviewed Research journal "Raihan" with ISSN,



Department magazine "Annabla" released on the eve of International Arabic Day Celebration.



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Department printed magazine "al ahlam" released on the eve of International Arabic Day Celebration.





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Webinars

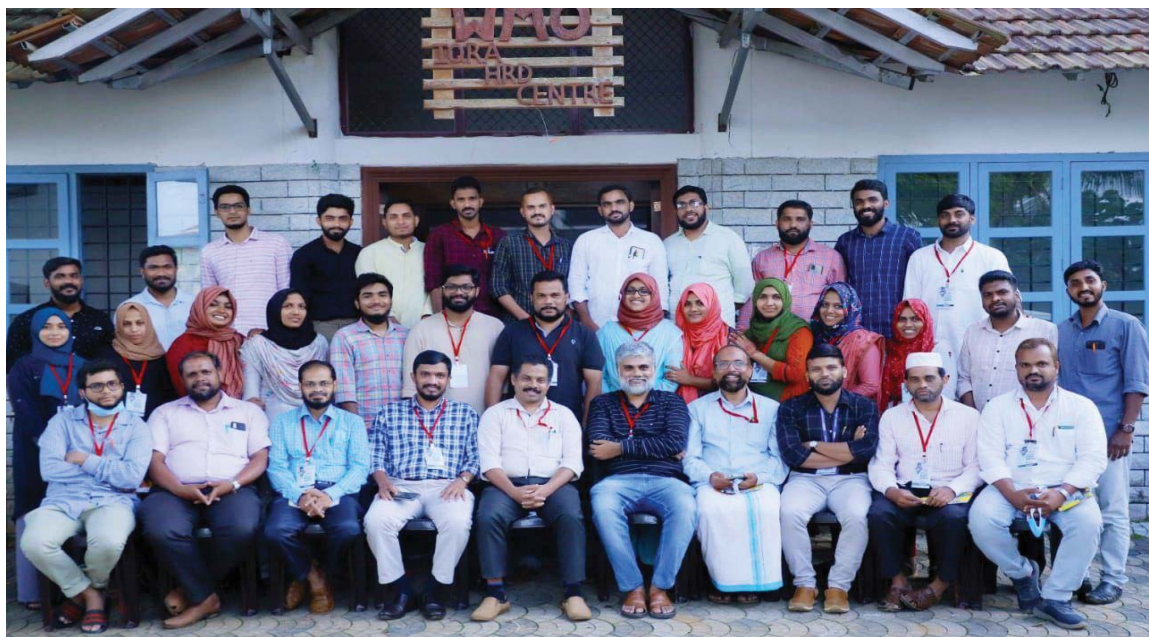
i TEACH

M.A .Mohammed Jamal Sahib Inaugurated the National leaders Workshop “ i– Teach” on 09-10-2021 at W.M.O HRD Center, muttil. Professors of various Universities and colleges participated .

Dr. MUHAMMAD AYYUB NADVI (Professor JMI University, New Delhi); Dr. sabirNavas, (Assi. Professor MUA College, Pulikkal)Dr. Sabiq (Assi. Professor &HoD MES MambadCollege,) Mr. Aman (Assi. Professor AIAC Kuniyil) handled the session.



ദേശീയ അധ്യാപക ശില്പശാല
 മുട്ടിൽ: ഡബ്ല്യു.എം.ഐ കോളേജ് അറബിക് വിഭാഗം അദ്ധ്യാപകർക്ക് ഓൺലൈൻ അധ്യാപനം സംബന്ധമായി കോവിഡാനന്തര കാലത്തെ അധ്യാപനം എന്ന തലക്കെട്ടിൽ എകദിന ദേശീയ അധ്യാപക ശില്പശാല സംഘടിപ്പിച്ചു.
 ശനിയാഴ്ച രാവിലെ സെമിനാർ ഡബ്ല്യു.എം.ഐ എച്ച്.ആർ.സി സെന്ററിൽ ഡബ്ല്യു.എം.ഐ ന. സെക്രട്ടറി മുഹമ്മദ് ഞാൽ ഉദ്ഘാടനം ചെയ്തു.





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HORIZON 2k21

Department conducted "HORIZON 2k21" five Day Induction program for fresher's
(BA I sem) from 2021 November 5-9.





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Day Celebration

"Eid Eve"

The department conducted Eid Eve "Perumayullaperunnal" on 21 July 2021. Dr. K. Jamaludeen former principal of WMO College was inaugurated the function. Dr. Muhammed Freed (principal WMO College) was Presided over the function. Mr. Shabeerali HoD of Commerce was the chief guest.





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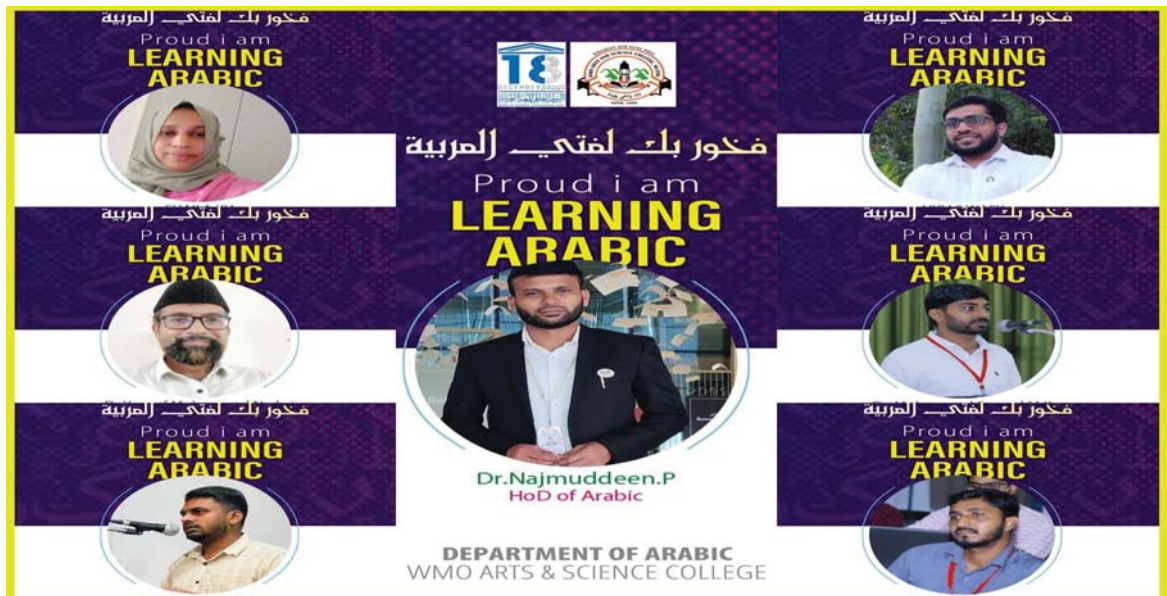
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INTERNATIONAL ARABIC DAY CELEBRATION

International Arabic Day Celebration Inaugurated by Mr. Muhammad Ugrapuram. (District Information Officer, Wayanad) on 16-12-2021. Mr. Muhammad Aman (Assi. Professor AIAC Kuniyil) was the Resource person.





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Exhibition

An exhibition was conducted as part of the Celebration





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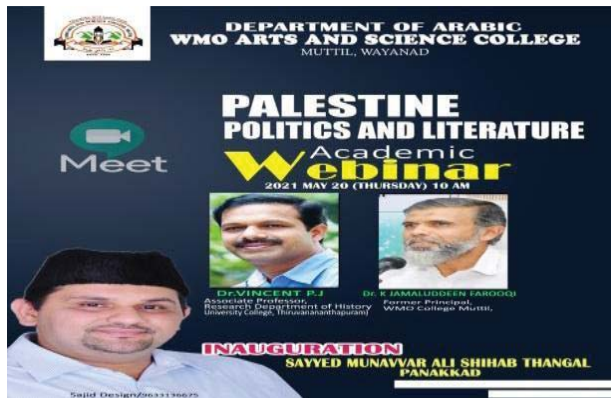


SEMINAR

1. Palestine seminar

Conducted webinar on "palatine politics and literature" on May 20, 2021

Syd munavvaralishihabthangal inaugurated the webinar. Dr. VINCENT PJ (Asst. professor, Research Dept of History, University College, TVM) and Dr. K JmaludheenFraooqi, Former Principal WMO College, Muttill delivered Lecture on the topic.





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2.Environmental Seminar“ Environmental Elements in Arabic Literature” ON 05th june 2021

Guest of the program

CR NEELAKANDAN

(Environmental Activist)

W.M.O ARTS AND SCIENCE COLLEGE
Muttil, Wayanad

ENVIRONMENTAL ELEMENTS IN
ARABIC LITERATURE

ACADEMIC WEBINAR
2021
June 5
Saturday 10AM
Zoom

CR NEELAKANDAN
MAYAN MANIMA
RASHID GAZALI
DR. ZAMEER K. H.

DEPARTMENT OF ARABIC

Sajid Design/963318675

#ECOSYSTEM RESTORATION
#WORLD ENVIRONMENT DAY 2021

DEPARTMENT OF ARABIC
W.M.O ARTS AND SCIENCE COLLEGE

ENVIRONMENTAL ELEMENTS IN
ARABIC LITERATURE
ACADEMIC WEBINAR
2021 JUNE 5. 10. 00 AM

തണുപ്പുകാലം
തദ്ദീം



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

"Education and some more"

Dr. Najmuddeen P., M.Phil, Ph.D.
Assistant Professor & Head,
Research Guide, R.U.A College, Farook,
University of Calicut
9947786664, najmuwmo@gmail.com

Shaila K.H.
M.A., B.Ed.
Assistant Professor
9947 176764
saailakh@gmail.com

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

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

3."ADORN YOUR PERSONALITY" A Session for II year students ON 25th November 2021

Guest of the program

Mr. Shanavas. AK

(Life Coach and Motivational Speaker)



Department Tour.

The department and student groups are arranged a trip to

Dendeli, Uduppi, Chennakeshava Temple, Mullayanagiri Peak On 26/03/2022 To 29/03/2022.



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Awards/Achievements of Students

1. Mrs.Sulfiya, MA II year, Felicitated for qualifying K TET in Arabic
2. Mrs.Nafiya, MA , Felicitated for qualifying K TET in Arabic
3. Mr. Sabith BA I year, Felicitated for qualifying K TET in Arabic
4. Mrs.Jumana MA II year, Felicitated for qualifying K TET in Arabic



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

2021-2022

Contents

SI No	Topic
1	ICT Facilities available in the department
2	Laboratory Courses
3	Skill Development programming
4	Student Projects
5	Workshops
6	Webinar
7	E Contents Developed
8	Fest and competitions
9	Achievements of the students in curricular and extracurricular activities
10	Internships
11	NCC details
12	NSS certificate details

1. ICT Facilities available in the department

Departmental ICT facilities are enclosed as follows

SI 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

SIN o	Name of the Programme	Date	Name of the Resource Person	No. of students participated
1	Webinar – Project talk - Live Interaction	09/08/2021	Nikhil Kallivayal (CROSS ROAD)	100
2	Workshop – Hardware assembling and software installation	02/02/2022	Mr.Baiju	74
4	Full stack Flutter development	5/4/2022 to 14/7/2022)	Code with #Kityalo	40



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4. Student Project

PROJECT 2021-2022

Sl.No	TITLE	SUPERVISOR	NO OF STUDENTS	NAME OF STUDENTS
1	Solace Charity	Suma N	3	1.Anila James 2.Sharja K A 3.Sneha K C P
2	Department Management App	Suma N	4	1.Anagha Biju 2.Aysha Fidha 3.Fasmiya 4.Adharv M
3	Tail Tale	Shaheera K A	1	1.Abdul Samad M J
4	Online Grocery Shopping system	Sabeerath k	3	1.Muhammed Ali P 2.Vishnu das M S 3.Akshay M
5.	Orphanage Information Management System	Rasheed N K	4	1.Midlaj K C 2.Anusree K S 3.Arun U K 4.Faulad P A
6	Online Voting System	Jamsheed K P	4	1.Hasna K H 2.Noushiba Jasmin A 3.Muhammed Rishad 4.Naemudheen K P
7.	Homazon-e –commerce Website	Rasheed N K	4	1.Shafna P A 2.Ajna Fathima N S 3.Jaseera V 4.Shamna Jasin C K
8	Mobile Shop Management	Basmath P	4	1.Adhila Nasriya 2.Drissya Mohanan 3.Shibila Shirin N 4.Aflah Saldan P
9	Agro Aventure	Shaheera K A	4	1.Shadiya P A 2.Alfiya Nazrin A 3.Amal Manoj 4.Muhammed Jaseem
10	OTIS-Mobile APP for visually challenged	Sabeerath K		1.Akhil nasim E 2.Muhammed Riyas 3.Shamna Febin 4.Rahul K S



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11	Department Attendance Management System	Jamsheed K P		1.Mubashir Ali A 2.Jubina P K 3.Thasni Majeed 4.Muhammed Arshad
12	Work from Home	Suma N		1.Sarfras Muhammed 2.Muhasina C 3.Anjali K P 4.Ummu Habeebath K



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CERTIFICATE

This is to certify that the project entitled "Agro-Agumenture" is a bona fide record of the project work done by TEAM_5 in partial fulfillment of requirement for the award of Degree of Bachelor of Computer Science under the University of Calicut during the academic year 2019-2020.

Sh
for **PROJECT CO-ORDINATOR**
Sh
Shaheera. K-A -
Asst. Professor.

Sh
PROJECT GUIDE
Sh
Shaheera. K. A.
Asst. Professor.

Valued on: *07/05/2022*

Sh
INTERNAL EXAMINAR
Suma. N

Sh
for **PRINCIPAL**
SUMA. N.
ASSO. PROFESSOR
Dept. of Computer Science
WMO, Arts & Science College
Muttill. P.O., Wayanad - 673

EXTERNAL EXAMINAR
Creetha.K.G



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CERTIFICATE

This is to certify that the project entitled "Department Attendance Management System" is a bonafide record of work done by **MUBASHIR ALI A, JUBINA P K, THASNI MAJEED & MUHAMMED ARSHAD** submitted under the supervision and guidance of **Mr. RASHEED N K** in partial fulfillment for the requirement of the award of BCA during the academic year 2019- 2022 at the **WMO ARTS & SCIENCE COLLEGE, MUTTIL, WAYANAD** from the University of Calicut, Kerala.


Project Co-ordinator

Rasheed. N. K.


Head of the Department

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

Internal Examiner

Basmath P Basmp

External Examiner

Prince Joy

Place: Muttill

Date:



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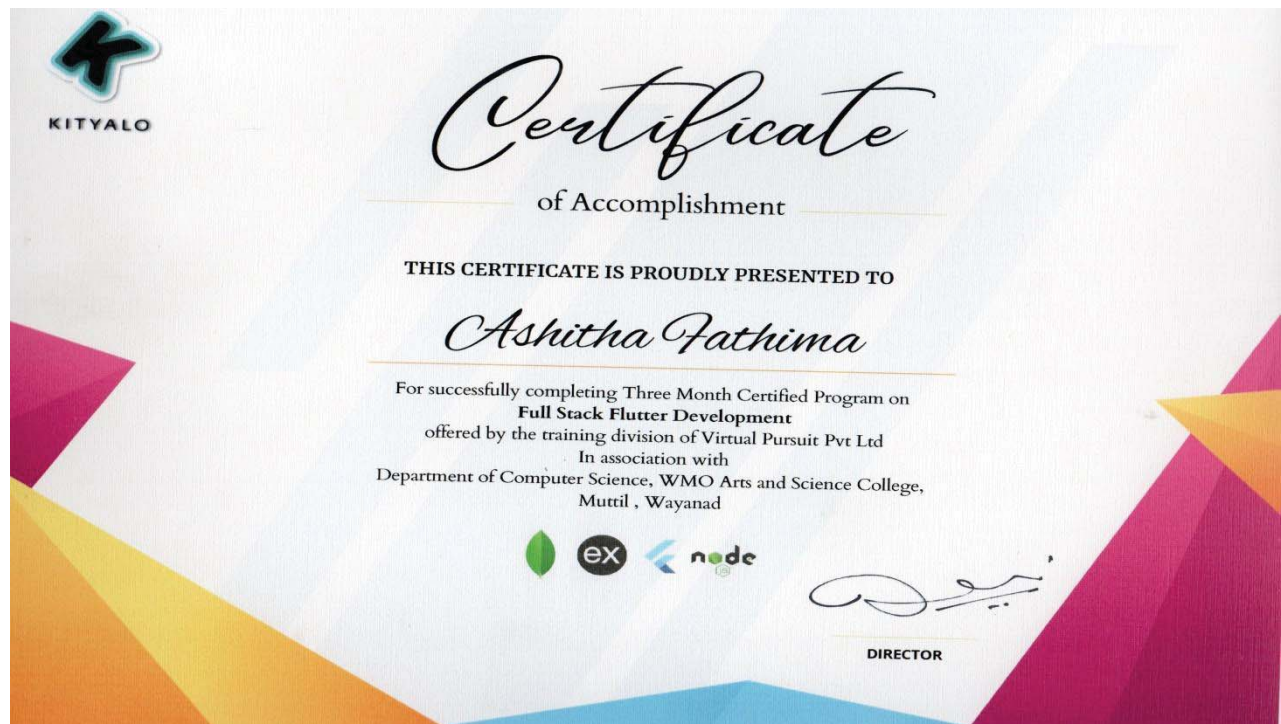
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5.Workshops

SIN o	Name of the Programme	Date	Name of the Resource Person	No. of students participated
1	Workshop – Hardware assembling and software installation	02/02/2022	Mr.Baiju	70
2	Hardware training programme for students of BCA .	2/2/2022 to 31/3/2022	Mr.Sharafudheen	70
3	Full stack Flutter development	5/4/2022 to 14/7/2022)	Code with #Kityalo	40





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WMO Arts & Science College, Muttill
Department of Computer Science
Certificate Course – 21-22

HARDWARE
ASSEMBLING
AND
SOFTWARE
INSTALLATION

30 Hours



Certificate Course 2021-22
Department of Computer
Science
WMO Arts and Science
College



Basics of Flutter

30 hours



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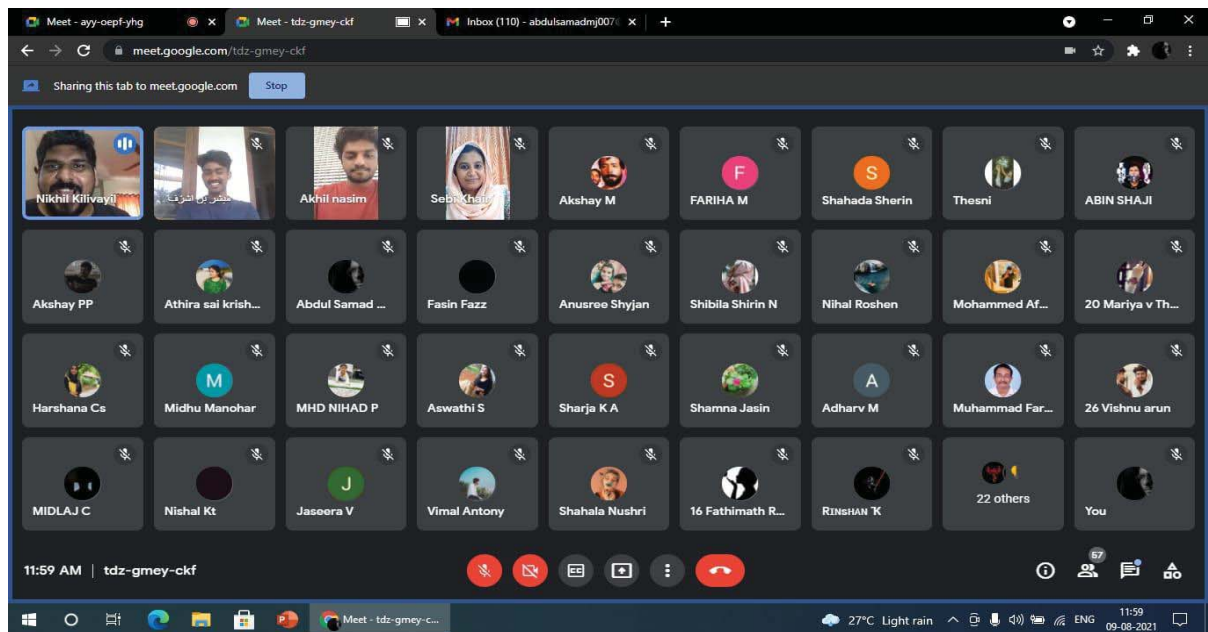
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6. Webinars

Department conducted webinars on following topics

Sl No	Topic	Resource Person
1	A Project Talk	Nikhil Kilivayal (9.8.2021)





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WMO ARTS AND SCIENCE COLLEGE
DEPARTMENT OF COMPUTER SCIENCE

PRESENTS
INTERACTIVE SESSION

Online
WEBINAR
09 th - AUG
10 AM

Nikhil
Kilivayil
SPEAKER
FOUNDER
PACKAPEER ACADEMY
CROSSROADS
HOW FAR CAN YOU GO

SCAN TO JOIN

PROJECT TALK

7. E content Developed

Sl No	Subject	Link
1	Theory of Computation	https://drive.google.com/drive/folders/15Bgy0ynZDgZxxQHFtVZ4bZ2DwSwlxFCI?usp
2	Computer Graphics	https://drive.google.com/drive/folders/1FoSeAbBCWbHjO_QJRpbVxKU8eHayBYpv?usp=share_link



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3	Java Programming	https://drive.google.com/drive/folders/1wSj-Ym-HaKc2SMBudDy8zSVnk4tIXByY?usp=share_link
4	Android Programming	https://drive.google.com/drive/folders/1VFcQ9N3dXMWYXor9AQb3itmIONFvL5ID?usp=share_link
5	software engineering	https://drive.google.com/file/d/1ggVjofssbt9Iloh_ZOr1B4_1pJR8Cz6z/view?usp=drive_link
6	software engineering	https://drive.google.com/file/d/1AkTrKLF4f29-mLuuRf-rMG3c_P2Ny5P-/view?usp=drive_link

8. Fests and Competitions

Celebrations bring the students closer to each other's cultural beliefs and traditions to develop respect and understanding for each other's customs and traditions.



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Christmas

Christmas on dec 22, 2021



Department conducted a Intra departmental IT fest with various programs like coding,gaming, poster making, web designing and spot dance



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WMO Arts & Science College, Muttill
Department of Computer Science

Muttill P.O. - 673122 Ph: 04936-203382

TEZLA TECH 2.2 *Certificate*

This is to certify that Mr./Ms..... has attended one day workshop on **Hardware Assembling and Software Installation "TEZLA TECH 2.2"** organized by Department of Computer Science on 06th January 2022.

Suma N.
Head of the Department

Dr. T.P. Muhammed Fareed
Principal

9. Achievements of the students in curricular and extracurricular activities

Sl no	description
1	Midhlaj C ,III BCA, I St Prize in state Level Coding Competition- BROTOTYPE, Calicut (achieve a prize money of Rs.10000/)
2	Amalnath , I BCA, launch a Campus TinkerHub community and acting as the 'campus lead'



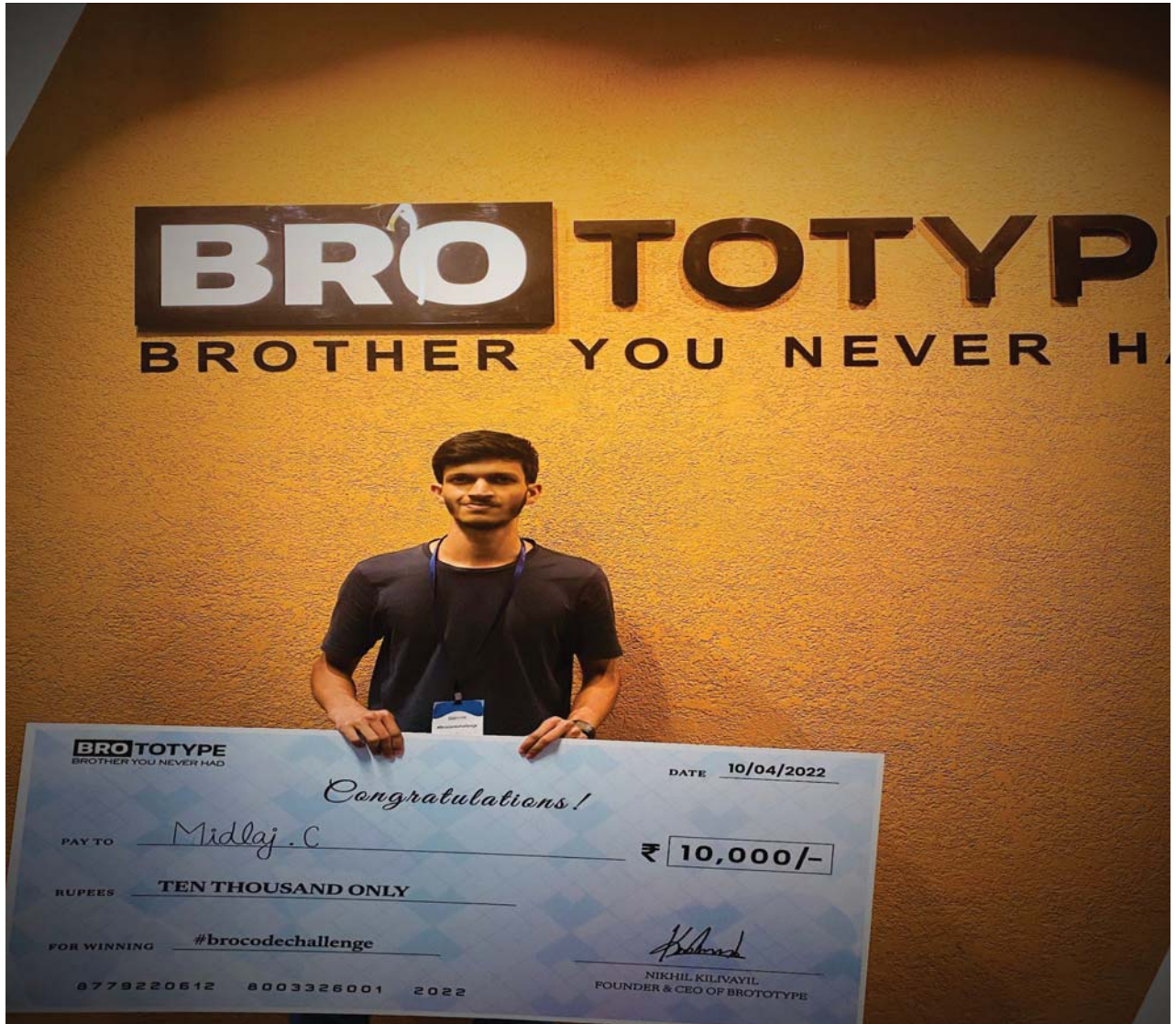
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10. Internships

The following final year BCA students had attended various internship programs in the year 2021-2022

i) MIDLAJ C

Program: HTML Fundamentals course



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Link:  HTML Solo Learn.pdf

Date: 24/11/2019

Issuing Authority: Solo Learn


Program: CrossRoads 100 K Coding Challenge

Link:  100K Coding Challenge

Date: 20/02/2020

Issuing Authority: Packapeer Academy

Program: M001: MongoDB Basics

Link:  M001: MongoDB Basics.pdf

Date: 11/11/2020

Issuing Authority: MongoDB University


Program: CrossRoads WEB Designing Challenge

Link:  WDChallenge.pdf

Date: 13/11/2020

Issuing Authority: Packapeer Academy

Program: Microsoft AI Classroom Series

Link:  MicrosoftCertificate.pdf

Date: 20/12/2020

Issuing Authority: Microsoft India


Program: Azure Developer League: DevOps & GitHub Challenge

Link: [Cloud Skill Challenge Profile](#)

Date: 01/06/2021

Issuing Authority: Microsoft and Azure


Programme: Remote Workforce Training

Link:  Remote_Workforce_Training_Program.pdf

Date: 23/01/2022

Issuing Authority: ICT Academy of Kerala & K-DISC

Program: Full Stack Development With React and Drupal

Link:  Full Stack Development With React and Drupal.pdf

Date: 27/01/2022

Issuing Authority:Board of Studies in Computer Science/Application-UG,University of Calicut



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Google Cloud Ready Program

Link : [Cloud Skill Boost Profile](#)

Date : 26/04/2022

Issuing Authority : Google Cloud and Qwiklabs

ii) ABDUL SAMAD MJ

Programme: Remote Workforce Training

Link: [Remote_Workforce_Training_Program-Course_Completion_Certificate...](#)

Date: 23/01/2022

Issuing Authority: ICT Academy of Kerala & K-DISC

Programme: Full Stack Development With React and Drupal

Link: [STEP Internship Certificate.pdf](#)

Date: 27/01/2022

Issuing Authority:Board of Studies in Computer Science/Application-UG,University of Calicut

The following students had successfully completed 25 hour online internship programme titled "**FULL STACK DEVELOPMENT WITH REACT AND DRUPAL**" offered by the board of studies in computer science ,University of Calicut.

iii) SHARJA K A

iv) SHAMNA FEBIN K M

v) AJNA FATHIMA

vi) SHAFNA P A

vii) MUBASHIR ALI



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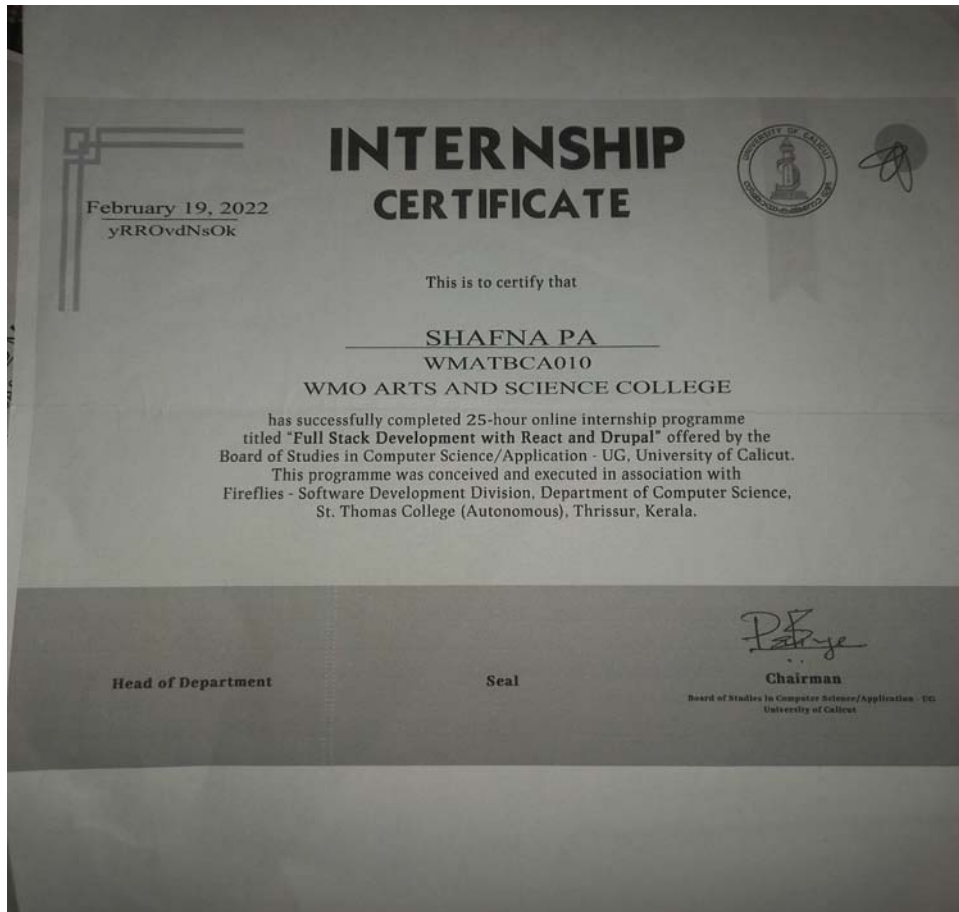
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Model of certificate



12.NCC details

ENROLLMENT DETAIL 2021-2022			
SL.NO	CADET NO.	NAME	DPRTMNT
1	KL/21/SWA/202624	THASLEEMA P	BCA



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2	KL/21/SDA/202655	ANILKUMAR PA	BCA
3	KL/21/SDA/202659	BHAGAT VC	BCA
4	KL/21/SDA/202667	NAVANEETH KS	BCA
5	KL/21/SDA/202669	RANGREJ FAIZAN	BCA
6	LK/21/SDA/202627	ANVAR SINAN	BCA
7	KL/21/SDA/202631	MUHAMMED RAMEES M	BCA
8	KL/21/SDA/202637	VIPINJITH PS	BCA
B Certificate holders			
1	KL/20/SWA/202613	SUMAYYA P.M	BCA
2	KL/20/SDA/202628	GOKHIL M.B	BCA
3	KL/20/SDA/202633	NANDU O.G	BCA
4	KL/20/SDA/202636	SALMAN FARIS	BCA
5	KL/20/SDA/202640	AJITH GLADY	BCA
6	KL/20/SDA/203455	Abhinav K	BCA
C Certificate holders			



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1	KL/19/SDA/202567	AFLAH SALDAN	BCA
2	KL/19/SDA/202569	AKSHAY M	BCA
3	KL/19/SDA/202570	AMAL MANOJ	BCA
4	KL/19/SDA/202574	MANOJ P.M	BCA
5	KL/19/SDA/202582	RAHUL K.S	BCA
6	KL/19/SDA/202584	VISHNUDAS M.S	BCA

12.Students Eligible for NSS Grace Mark and Certificate details

Sl.No	Name of Volunteers	Register No	Department
1	Abdul Samad M J	WMATBCA013	BCA
2	Akhil Nasim E	WMATBCA033	BCA
3	Muhammed Arshad	WMATBCA043	BCA
4	Muhammed Riyas	WMATBCA046	BCA
5	Naeemudheen K P	WMATBCA047	BCA
6	Sneha K C P	WMATBCA028	BCA



DEPARTMENT OF COMMERCE

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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
2021-2022**

CONTENTS

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

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



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WMO ARTS & SCIENCE COLLEGE

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2. Industrial Visit

Department organized a two day industrial visit during the dates of 31/03/2022 to 01/04/2022 for first and second year m.com students .- the industrial visit aim to aid the student acquired basic knowledge of industry and functioning with the experience of various culture. the visit was conducted on MysoorAT&SIndian Pvt Ltd Nanjankode, Mysoor, Karnataka.



Department organized a three-day industrial visit during the dates of 11/03/2022 to 15/03/2022 for Final year B.com students. The industrial visit provides the students an exposure to current work practices as opposed to theoretical knowledge being taught at their college classroom.

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 endorsment on buying habit of college	UG	Aleena.P.T	Kabir .P



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	students in Wayanad			
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	ShabeerAliP <ulikkalakath< td=""> </ulikkalakath<>
6	A study on effect of workplace environment on health and wellness of plantation employees with special reference to Harisons Malayalam Plantation Limited AchoorEstate	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 SulthanBatheryMunicipality	UG	Farsana K	ShabeerAliP <ulikkalakath< td=""> </ulikkalakath<>
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 PootahdiGramapanchayath	UG	AyshaFarhana.K	Fousiya.P
11	A study on the work life balance of Nursing staff in private hospitals at wayanad	UG	AthiraBalu.P.B	Mahmmod Aslam
12	A Study on the qulaity of work life among employees with special	UG	Anagha .U.M	ShabeerAliP



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	reference to Fathima Farms PVT.LTd, Chembra estate			ulikkalakath
13	A study on attitude of college students towards entrepreneurship with special reference to Wayanad district	UG	Ajitha .M.K	ShabeerAliP <ulikkalakath< td=""> </ulikkalakath<>
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	AbeeshaBabau	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	ShabeerAliP <ulikkalakath< td=""> </ulikkalakath<>
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 Mepadygrama 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	ShabeerAliP <ulikkalakath< td=""> </ulikkalakath<>
24	A study about microfinance relation with special reference to kudumbashree in	UG	Muhammed Ajmal M	Dr. Shabnam



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	panamaram panchayat			
25	A study on the work life balance of nursing staff in private hospital at Wayanad	UG	Misriya TM	Mahmood Aslam. K
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	SulthanaFarveena	Fousiya.P
29	A study of online shopping and offline shopping in Wayanad district with special reference to moopenadpanchayaA	UG	Mahasina TV	Dr. Shabnam
30	A study on brand Awareness of Woodland products among youth with special reference to Poothadygrama 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 Mepadygrama 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	ShabeerAliP <ulikkalakath< td=""> </ulikkalakath<>
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	ArshadaJasmin.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	AsmilaSherin.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	SijithKumar.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	ShabeerAliP <ulikakath< td=""> </ulikakath<>
48	Impact and effectiveness of online advertisement in buying behaviour of customer with a special reference to Sultan Bathery Thaluk	UG	ShahanaparveenO.P	Fousiya.P
49	Economic empowerment of women through entrepreneurship yesterday in Kerala with special reference to Wayanad district	UG	shahanaSherin	ShabeerAliP <ulikakath< td=""> </ulikakath<>
50	Study on consumer preference and satisfaction towards fast food with special reference to Vythiri Taluk Wayanad district	UG	ShahanasP.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	ShameemaSakeer 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 special reference to Wayanad	PG	Ramzeena Rasheed	ShabeeraliPu <ulikakath< td=""> </ulikakath<>
7	Study on consumer right awareness in rural area with special reference to	PG	Ramseena Abdul	Dr.Shibina.M



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	Panamara		Hameed	
8	Role of entrepreneurial attitude in developing self employment intention among college students in Wayanad	PG	Priya Mohan	ShabeeraliPulikalakath
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 BatheryWayana	PG	Muhammed Salih	Muhammed Rafi.N
11	Influence of personality tribes on attitude towards stock market and empirical study in Wayanad	PG	Anumol Biju	ShabeeraliPulikalakath
12	A study focused on the investment pattern of salaried person in Perambra locality	PG	fathimathuFebina	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
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



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19	A study on employee satisfaction in Handloom sector special reference to Wayanad Handloom	PG	JisnaKunjimon	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 muttilgrama	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	StephenaCelastian	Dr.Sabnam.P
24	Mindfulness and impulse buying a study on college students in Wayanad	PG	Ann Mary.M.K	ShabeeraliPulikalakath
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 is special reference to Wayanad district	PG	Anupama Suresh	Mahmood Aslam
29	A study on service quality of healthcare sector with specialreference to	PG	Anouksha .O.M	Mahmood Aslam



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government hospital ,Kainatti			
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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

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 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



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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.



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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 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. Role play

As a part of national consumer day December 24, the department conducted a street play for providing knowledge about various consumer rights existing in our country. The first year B.com students were participated. Through he uses role play, students developed in depending problem solving skills and have the opportunity to use new language they have learned during their academic period. It also enhances creativity and imagination. It is a social space that develops speaking and listening skills as well as giving children the opportunity to reflect on and develop their knowledge of a topic.

12. Debate

As a part of state and union budget the students from Final year UG and PG conduct a debate session. In those session the students discussed the merits and demerits of the budget. It is a formal discussion on a particular matter and it helps the students to get knowledge about the economic situation of the 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.



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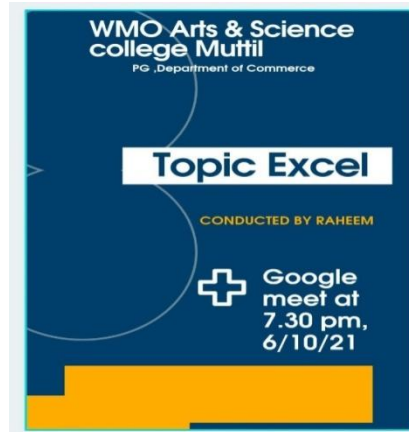
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14. NCC/NSS achievements

Achieved NCC B certificate of our student Rosly and she is also the first SUO in the college. She is one of the most passionate NCC cadet, she donated her hair for cancer patients is really a proud initiation by herself.





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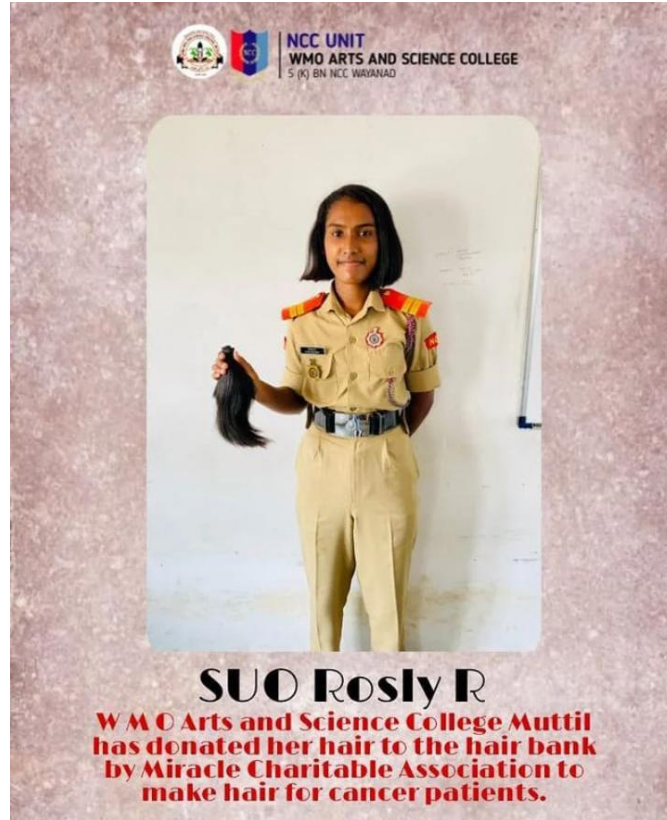
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**Report on Student centric methods, such as experiential
learning, participative learning and problem solving
methodologies are used for enhancing learning experiences
using ICT tools**

2021-2022

CONTENTS

1.	ICT Facilities available in the Department
2.	Bridge Course
3.	Certificate Course
4.	Remedial Classes
5.	Interactive Session
6.	Panel Discussion
7.	Seminar
8.	Reading Club
9.	Webinar
11.	Projects
12	NSS
13	NCC

1. ICT FACILITIES AVAILABLE IN THE DEPARTMENT

The department uses various ICT based infrastructure for enhancing the learning experience of the students. Two class rooms of the department have a



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projector and a television. The department has a computer with printer facility for the better access of the teachers.

s/no.	Item	Quantity
1.	Computer	1
2.	Wifi	Available
3.	Printer	1
4.	Sound System	1
5.	T V	1
6.	Projector	1

2. BRIDGE COURSE

Department of English organized Bridge course for the first year degree and PG students. A total number of 10 classes were conducted during the beginning of the first semester.

Bridge Course Department of English WMO College, Muttill 2021-22 Batch

Department Of English Offers Bridge Course to the first-year students in order to assimilate with higher education system. It primarily focuses on communication skills, soft skills and basic awareness of collegiate education. This course is designed for 15 hours in which three modules have to be covered.

Total Hours: 10 Hours

Theory: 05 Hours

Practical: 5 Hours

Aims and Objectives

- To develop students' sense of understanding, appreciation and ability of expression
- To understand the basics of higher education system and modes of communication
- To develop soft skill and personality traits among students

Module 1 (Basic Grammar)

- Parts of speech and sentence
- Fundamentals of Verb
- Tense, Tense forms and applications

3. CERTIFICATE COURSES



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Department of English conducted certificate course on Communicative English for the first year degree students of the college. A total number of 30 classes were conducted during the academic year. The course covered different aspects of communication. And it also aimed to improve the communication skills of the respective students.



4. REMEDIAL CLASSES

Remedial instruction is needed to help those who are identified as slow learners. Remedial classes of four hours each were planned and conducted before the mid semester and end semester examination. 25 students were attended the class.

5. INTERACTIVE SESSION

Refresher interactive session was conducted for the students of second year BA and First year MA students of the department. Mr Shanavas AK chief Guest of the programe handled the session named as “Mending Minds”.He spoke about the importance of mental and physical wellness and also enlightened the students to have a vision in their life.



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6. PANEL DISCUSSION

MA English 20-22 batch students organized a panel discussion on gender neutrality on 21-12-2021 Tuesday. Students have been divided into various committees for executing the program





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7. STUDENTS SEMINAR

Second BA students of the department conducted students seminars on various topics from English Literature. Ameera Diya, Neha Nourin , Adhul Girish, were presented papers .

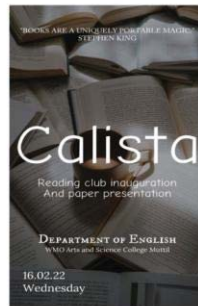
Ameera Dhiya- Postcolonial Literature theory

Neha Nourin- Psycho analytical theory

Athul Girish- Narrative Techniques

8. READING CLUB

Second MA English students formed reading club named CALISTA. It aimed to promote reading skills among the students by conducting various programs like inter departmental reading competition. The club was officially inaugurated by college librarian Mr Ashif





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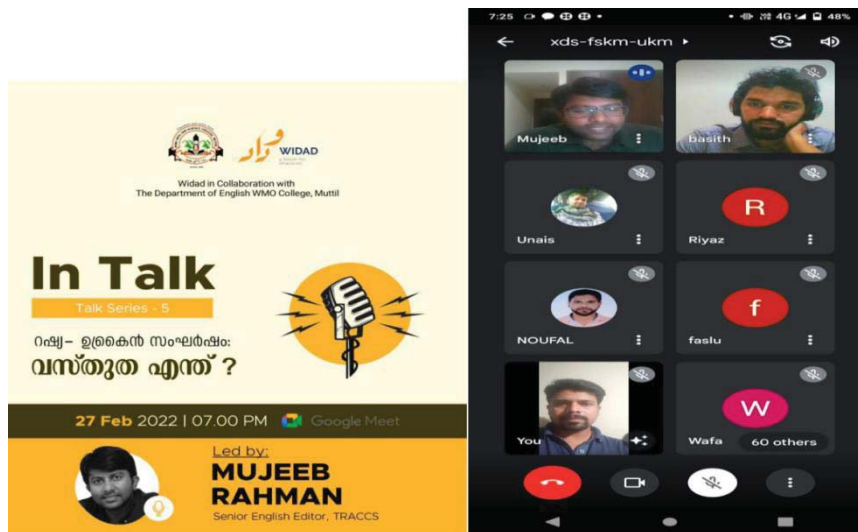
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9. WEBINAR

The Department of English in collaboration with WIDAD has organized webinar on Russia Ukraine conflict on 27th Feb 2022 at 7 PM through Google meet platform. The lecture in this webinar was given by Mujeeb Rahman Senior English editor, TRACCS. A total of 60 students and teachers were participated in the webinar





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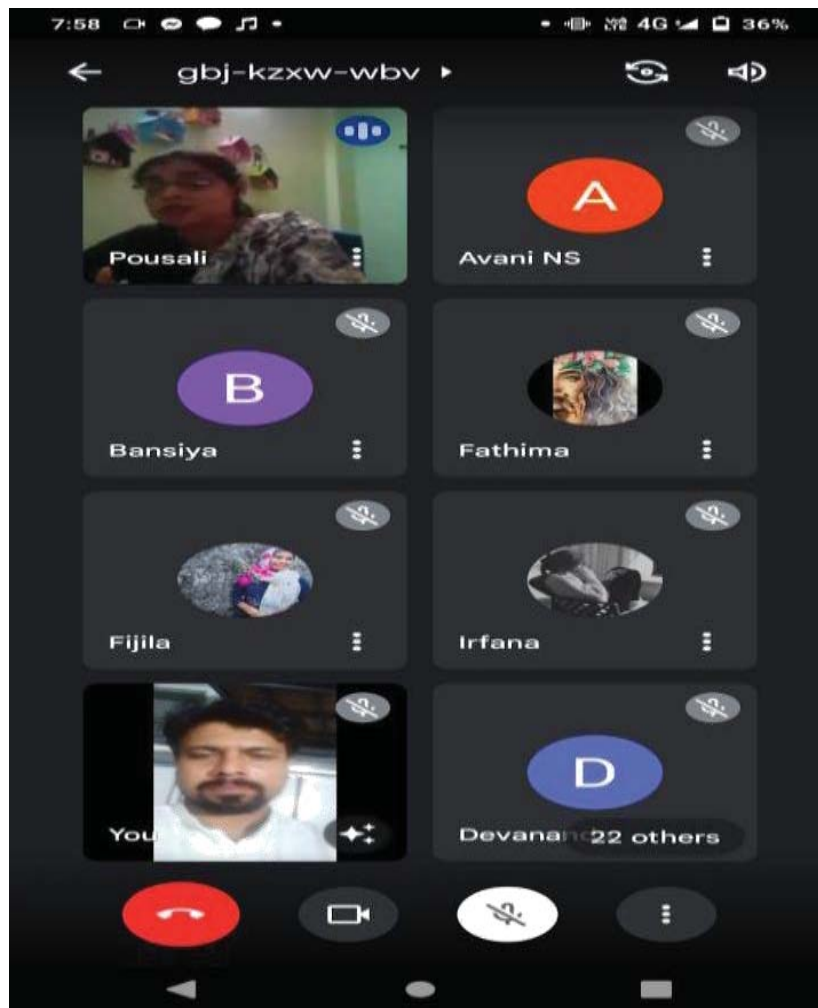
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10. PROJECTS

UG:



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ANTONY MATHEW	A study on gender inequality in <i>"The colour purple"</i> by AlicE walker, gender inequality portrayed in the movie <i>"Dangal"</i> and comparison of these to the present day situation.	Ms Shahzad Mehar	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
ATHUL K P	IDENTITY CRISIS AND POSTCOLONIALISM IN NOVIOLET BULAWAYO'S <i>WE NEED NEW NAMES</i>	MS. AMRUTHA V S	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
MUHAMMED SHAHARIYAR C M	IMPACT OF WAR AND ITS REPERCUSSIONS ON FAMILIES:A STUDY ON HUMAN RIGHTS VIOLATION ISRAEL PALASTINE CONFLICTS DEPLICED IN MORNINGS JENIN BY SUSAN ABULHAVA	Mr Midlaj	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
VISHNU V	DIASPORA: ISSUES AND PERSPECTIVE, STUDY OF <i>MISTRESS OF SPICES</i>	Mr Midlaj	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
ALFIYA A K	How trauma and psychoanalysis applied in k drama happiness	Ms Shahzad Mehar	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
AMAL NAFIA	REAL V/S FANCY; MAGIC REALISM IN THE NOVEL <i>MIDNIGHT'S CHILDREN</i> BY SALMAN RUSHDIE	Ms Muhsina V	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
AMEERA DIYA	Revisioning myth: gender and queer in Devdutt Pattanaiks' <i>The pregnant king</i> '	Ms Anu Villoth	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
ANJANA KRISHNA	Racism and discrimination: A critical study on Toni Morrison's <i>God Help the child</i>	MS. KHAMARUNNISA	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
ANSHIDA	POSTCOLONIAL REFLECTIONS IN AMITAV GOSH'S <i>THE SHADOW LINE</i>	Ms Noorsha	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
ATHWIYA C	MEL GIBSON'S HACKSAW RIDGE IS HIS POWER BALLAD TO VIOLENCE AND PACIFICM	Ms Noorsha	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL



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AYSHA HENNATH P	Paralysis as social criticism in Virginia Woolf's <i>Mrs. Dalloway</i> and Sylvia Plaths's <i>The bell jar</i>	Ms Anu Villoth	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
DHILU FATHIMA	SEARCH FOR IDENTITY: A READING OF KHALED HOSSEINI'S AND THE MOUNTAINS ECHOED.	Mr Shadeer P K	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
FATHIMA FIDA	Identity crisis portrayed in Tom Hooper's <i>The Danish Girl</i> and Kimberly Peirce's <i>Boys Don't Cry</i>	MS. KHAMARUNNISA	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
FATHIMA JIFANA	EXPLORING THE PHENOMENON OF SERIAL KILLING; PSYCHOANALYTICAL READING OF TWO NOTORIOUS SERIAL KILLERS- TED BUNDY AND JACK THE RIPPER	MS. AMRUTHA V S	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
FATHIMA MARJAHAN	psychoanalytic theory in malayalam movies	Ms Noorsha	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
FATHIMA NOWRIN	Perspective of slavery and portayal of two sisters and their descendants in homegoing	MS. KHAMARUNNISA	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
FATHIMATHUL HINA	REWRITING HISTORY FROM THE PERSPECTIVE OF MARGINALISED IN ARUNDHATI ROY'S THE MINISTRY OF UTMOST HAPPINESS	Ms Muhsina V	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
KRISHNA PRIYA T	Embodiment of Dalit feminism in Jai Bhim and <i>The Prisons We Broke</i> .	Mr Midlaj	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
MALAVIKA E K	Analysis on Danger of Gender Stereotyping in Louisa May Alcott's <i>Little Women</i>	Mr Midlaj	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
MEHARUBA K M	African -American hunger as the result of oppression in Richard Wright's <i>Black boy</i>	Ms Nabeela	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
MUBINA MARIYAM	Harry potter as childrens's literature	Mr Midlaj	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL



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MURSHIDA P	FEMININE PSYCHE IN THE EARLY NOVELS OF ANITHA DESAI WITH SPECIAL REFERENCE TO "FIRE ON THE MOUNTAIN "	Ms Anu Villoth	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
NAHSHANA MA	The treatment of racism in selected american movies (The green mile and green book)	Mr Midlaj	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
NAILA JANIS	Analysis on realism based on the novel the catcher in the rye by J D Salinger based on the novel the catcher in the rye by J D Salinger	Ms Shaimina C	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
NEHA FATHIMA	Cultural identity in Elif Shafak's "Three Daughters of Eve	MS. AMRUTHA V S	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
NEHA NEVINA S	A study on the impact of childhood memories based on the film <i>Manjadikuru</i>	Ms Shaimina C	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
NISHANA ASMI	A depiction of devastated tribal life in Rajam Krishnan's when the kurinji blooms	Mr Shadeer P K	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
P LAZIMA	Scouting the southern gothic beliefs and racist element in Harper Lee's <i>To kill a mockingbird</i>	Ms Noorsha	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
RASLA NAJIYA T K	Magical realism, a study of gabriel garcia marquez's work	Ms Shahzad Mehar	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
RINEESHA MA	Analysis of Fantasy: A Reading of Roger Elbert's <i>Luca</i> .	Mr Shadeer P K	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
RINSHIDHA FATHIMA	Marxism in hunger games	Ms Anu Villoth	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
SELVA NESRIN	Struggle for Existence in Benyamin's <i>Goat Days</i>	Mr Shadeer P K	WMO COLLEGE OF ARTS & SCIENCE,



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			MUTTIL
SHAHANA NOURINE	Violence of capitalistic society in Edward Bond's <i>Lear</i>	Ms Nabeela	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
SHAMILA P	Search for identity and Black feminism in Toni Morrison's Novel <i>The Bluest Eye</i>	Ms Shaimina C	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
SHYAMA K	Humanism and self love in the song spring day	Ms Shahzad Mehar	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
SITHARA AZEEZ	Not Just Things:Exploration of roles of objects In the movies <i>HER</i> and <i>CAST AWAY</i> .	MS. AMRUTHA V S	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
SULEKHA RASWINA	A Psycholinguistics Analysis of Dyslexia on the conflict of the main character in " <i>Taare Zameen Par</i> " Movie	Ms Muhsina V	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
ASHIQUE MUHAMMED	ANIMAL SYMBOLISM IN YANN MARTEL'S <i>LIFE OF PI</i>	Ms Noorsha	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
ATHUL GIREESH	Expressing the self: Exploration of Gender Identity in E.S VASUDHENDRA'S <i>MOHANASWAMY</i>	MS. AMRUTHA V S	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
FARIS THANGAL	"Childhood trauma in the movie ' <i>Dear Zindagi</i> ' by Gauri Shinde and the Novel ' <i>The Night Child</i> ' by Anna Quinn"	Ms Muhsina V	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
FARSAN NASEEM	An analysis on the depiction of migrant's miseries in the films <i>the terminal</i> and <i>a better life</i>	Mr Midlaj	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
FAYAS K	TERRORISM AND ITS ADVERSE EFFECTS	Ms Anu Villoth	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
MUHAMMED AFNAS	The Conflict Between Tradition and modernity and transformation of man	Ms Nabeela	WMO COLLEGE OF ARTS & SCIENCE,



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	in RK Narayan's <i>The Guide</i>		MUTTIL
MUHAMMED NISAM	Bama's <i>Karruku and Sangathi</i> : The True Reflections of Indian Dalit Women	Ms Shaimina C	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
MUHAMMED RISHAD M R	'Love and Masculinity in Carol Ann Duffy's poems		WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
MUHAMMED SIDHEEQE THASLEEM	Psychological relationship in <i>The Fault in our star</i>	Mr Shadeer P K	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
VYSHAKH C B	Calibrating gender:Converging poles of existance in Sister citizen:Shame,Stereotypes and Blackwomen in America.	Ms Nabeela	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL
RAFNA THASNI	VIOLENCE AND RESISTANCE IN CHIMAMANDA NGOZI ADICHE'S <i>PURPLE HIBISCUS</i>	Ms Shaimina C	WMO COLLEGE OF ARTS & SCIENCE, MUTTIL



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PG

DISSERTATION

NAME OF THE STUDENT	TITLE OF THE DISSERTATION	NAME OF THE SUPERVISOR	INSTITUTE OF THE SUPERVISOR
ADHISHA RASLA	THE IMPACT OF SLAVERY UPON WOMAN IDENTITY IN REFERENCE TO TONY MORRISON'S <i>BELOVED</i>	AMRUTHA V S	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
ADHLIN MARIA LOPEZ	A STUDY OF ETHNIC CONFLICT AND TRAUMA WITH REFERENCE TO NAYOMIMUNAWEERA'S <i>ISELAND OF A THOUSAND MIRRORS</i>	FAIZ ABDULLA	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
AKHILA K S	TOWARDS THE COALITION BETWEEN EAST AND WEST: AN ORIENTALISTIC READING ON <i>MY NAME IS RED</i>	FAIZ ABDULLA	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
ANJANA DAS	ARTICULATION OF SELF, DIASPORI DIVULGENCE AND SELF DISCOVERY IN THE NOVELS <i>DESIRABLE DAUGHTERS AND THE ROOM ON THE ROOF</i>	AMRUTHA V S	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
HARSHA MURALIDHARAN	"SCARS OF TOXICITY" A FEMINIST ANALYSIS OF <i>BEING RESHMA</i> BY TANIA SINGH AND THE MOVIE <i>UYARE</i>	FAIZ ABDULLA	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
KARTHIKA ANAND T K	JUXTAPOSING RACISM AND INSTITUTIONAL RACISM : AN ANALYTICAL READING ON NOVELS <i>THE HATE YOU GIVE</i>	NOORSHA	WMO ARTS AND SCIENCE COLLEGE, MUTTIL



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	<i>AND IN THE HELP</i>		
NISHANA SHERIN	EXPLORATION OF EXPLOITED: A STUDY ON LGBTQ WITH SPECIAL REFERENCE ON A REVATHI'S <i>THE TRUTH ABOUT ME A HIJRA LIFE STRORY</i>	NOORSHA	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
RAHUL	PORTRAYAL OF MALE CHAVANISM IN SHASI DEHPANDE'S NOVEL A <i>MATTER OF TIME : AN ANALYSIS</i>	NOORSHA	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
SREESHMA K M	DIASPORIC IDENTITY AND JOURNEY IN JHUMPA LAHIRI'S <i>THE NAME SAKE</i>	FAIZ ABDULLA	WMO ARTS AND SCIENCE COLLEGE, MUTTIL
SUHAINA P C	REPRESENTATION OF HOMOSEXUALITY AND TRANSGENDARISM IN INDIAN FILMS WITH REFERENCE TO <i>MY LIFE PARTNER AND NJAN MARYKKUTTY</i>	NOORSHA	WMO ARTS AND SCIENCE COLLEGE, MUTTIL

11. NSS:

The students of the department actively participated in the NSS unit of the college. Around 15 students participated in the programs conducted including the 7 days residential camp.

12. NCC

The students of the English department enrolled in NCC in the academic year 2021-22.

S/NO	Name	Class	Achievement
1.	Nihal P	D2 English	B certificate, Participated in the army attachment camp.
2.	Anjaly Jenu	D2 English	B certificate
3.	Keerthana P.S	D2 English	B certificate.



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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**

2021 – 2022

Sl no	content
1	ICT Facilities available in the Department
2	Software tools used
3	E contents developed
4	Laboratory
5	Learning management system
6	Industrial visit
7	Student project
8	Laboratory courses
9	Earn while learn
10	NCC B Certificate
11	NCC C Certificate
12	Experiential learning

1. ICT Facilities available in the Department

List of facilities available

Sl no	Item	Quantity
1	Computer	1
2	Printer	1
3	Wi Fi	Available
4	Projector	1

2. software tools used



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Sl no	Faculty	Tools used
1	Dr.Thomas thevara	Google classroom
		Power point
		You tube
2	Sonima V	Google classroom
3	Shahina P H	Google classroom
		Teachmint
4	Fathima Shadin P	Google meet
		ppt

3 e – Content developed

Sl no	Faculty	Programme	Course	Type of contents developed
1	Dr. Thomas Thevara	BSc. Chemistry	Inorganic Chemistry III	Slides
			Environmental Chemistry	Slides video
			Inorganic Chemistry IV	Slides
2	Shahina P H	BSc.Chemistry	Physical Chemistry II	Video

4 Laboratory





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Second year BSc. Chemistry students uses Chemistry lab for volumetric analysis.

Third year BSc. Chemistry students uses Chemistry lab for Physical Chemistry, Organic chemistry and Inorganic Chemistry experiments. They use laboratory facilities for their project in sixth semester.

5 Learning Management System

Apart from the face to face teaching learning the department promotes blended learning by the use of LMS of the college or google class room.

Sl No	Name of Teacher	LMS Platform
1	Dr. Thomas Thevara	Google classroom
		You Tube
2	Sonima C	Google classroom
3	Shahina P H	Google class room
		Teachmint
4	Fathima Shadin P	Google meet

6. Industrial visit

An industrial visit was conducted for the students of 3rd year BSc. Chemistry at Brahmagiri Development Society, Paathirippalam. During the visit students



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were gained detailed knowledge about soap, detergent and hand wash manufacture , Soil and Water analysis.



7 Student Projects

NAME	REGISTER NUMBER	TOPIC	GUIDE
Rishna Rahman	WMATSCH027	Preparation of aspirin from acetic anhydride and salicylic acid	Thomas Thevara
Fathima Rushda	WMATSCH020		
Arfida P V	WMATSCH016		
Kadeeja K T	WMATSCH022		



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Anseera Sherin	WMATSCH015		
Sahla D	WMATSCH001	Extraction of silica from rice husk	Shahina PH
Rifa Salu	WMATSCH026		
Ajith Krishna N M	WMATSCH026		
Jayasooran K	WMATSCH035		
Swararagh E Suresh	WMATSCH012		
Shahanabanu	WMATSCH029	Biodegradable plastic presentation	Shahina PH
Moushiya Sherin	WMATSCH023		
Nahala Sadik	WMATSCH011		
Aromal	WMATSCH034		
Ramees	WMATSCH036		
Nishana Thaslin	WMATSCH025	Qualitative analysis of the presence of pesticide residues in various fruits and vegetables	Sonima V
Nishananesrin	WMATSCH024		
Sehena Sherin U	WMATSCH028		
Unaisa K	WMATSCH032		
Aneesha Bakker U	WMATSCH014		
Fathima Jishana K	WMATSCH019	Study of red cabbage juice indicator	Thomas Thevara
Swathi S	WMATSCH031		
Maha Saleem	WMATSCH010		
Mohammed Fayas	WMATSCH004		
Inshana	WMATSCH003		
Sana Nourin	WMATSCH002	Estimation of calcium oxide in selected cement samples	Sonima V
Muhammed Adhil	WMATSCH005		
Deena Jahan	WMATSCH018		
Akhilosh	WMATSCH037		
Adithya Pradeep	WMATSCH013	Biomedical waste management	Thomas Thevara
Athulyamani C M	WMATSCH009		
Sneha Cs	WMATSCH030		
Ansiya M	WMATSCH008		
Aysha Muhsina O M	WMATSCH017		



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8 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	VI	Physical Chemistry Practical	5
6	BSc. Chemistry	VI	Organic Chemistry Practical Practical	5
7	BSc. Chemistry	VI	Inorganic Chemistry Practical II	5
8	BSc. Chemistry	VI	Inorganic Chemistry Practical III	5

9. Earn while learn

Ms. Hanina Nouri, Fathimath Ameera, Ameena Sherin, Nadiya Raof of D2 Chemistry have set their goals of being an entrepreneur. They proved their skill in craft works.



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10.NCC B Certificate

Students of second year BSc. Chemistry Muhammad E, Fathimath Ameera, Ameena sherin passed the NCC B Certificate examinations held in 2022 under the authority of ministry of defence, Government of India.



11.NCC C Certificate

Student of third year BSc Chemistry Maha Saleem passed the NCC C Certificate Examination held in 2022 under the authority of Ministry of Defence, Government of India.



12.Experiential learning



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Students of D3 Chemistry went to Munnar and Alappuzha for sight seeing . Munnar , the famed hill station of South India where natural beauty is everywhere to visit, explore and to enjoy. Alappuzha is famous for its boat races beaches, marine products and coir industry, is a world renowned backwater tourist destination of India.





DEPARTMENT OF COMMERCE

(COMPUTER APPLICATION)

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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.

2021-22

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	Industrial Visit and Study Tour
3	Field trips
4	Student Projects



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5	Webinars
6	Student Seminar
7	Assignments
8	Achievements of students in the curricular and extracurricular activities
9	Skill development programs
10	Group discussions and Debates
11	Quizzes, Elocution Etc.
12	Mock Interviews

1. ICT facilities in the department

The department has policies and mechanisms in place for promoting 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 the year 2021-22 teachers mainly used ICT technologies for delivering regular lectures.



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

2. Industrial Visit and Study Tour

Three-day Educational trip was organized by Department to visit a domestic industry in Mangalore, Karnataka. The tour comprised students of the VIth semester accompanied by two faculty members.

The trip started on 24/03/2022 and reached Mangalore on the 25th morning. The famous Malpe beach in Mangalore was the first destination followed by a famous fish processing factory in Mangalore. After that, all students along with faculty members were taken to the second site at Udupi, called St. Mary's Island. The second day of the tour was at Dandeli. The water activities like river rafting, boating, etc. were carried out at Dandeli. The tour officially ended on 27/03/2022 and returned from Dandeli to Muttil.





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3. Field Trip

A field trip has been conducted on 17/06/2022 for the final year students to En Ooru tribal village. En Ooru is a tribal heritage village at Pookode in Wayanad district which showcases the vibrant culture and tradition of tribal communities of the state. A cluster of traditional tribal huts roofed with hay and against the backdrop of towering hills has become a major tourist attraction in the region. Spread over 25 acres on a hillock, the centre gives us a golden opportunity to learn about the heritage and lifestyle of tribespeople.





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4. Student Projects

Sl.No:	Title of the project	Programme UG/PG	Name of the student	Name of the supervisor
1	Students perception and satisfaction towards online classes during covid - 19 pandemic	UG	AFSAL P A	Subaida T
2	Perception of crypto currency	UG	MUHAMMED ABDUL	Subaida T
3	Satisfaction of Royal Enfield	UG	ANJANA KRISHNA S P	Praveen
4	Buying behaviour of insurance product	UG	FASNA JASMEEN	Subaida T
5	Customer satisfaction on tribal products	UG	NIHITHA	Santhosh
6	Customer satisfaction on tribal products	UG	SAFANA M	Santhosh
7	Growth of E- Commerce during covid-19	UG	AKSHAY SURESH	Unais
8	Growth of E- Commerce during covid-19	UG	MUHAMMED SHAHIN K	Unais
9	Satisfaction of Poco Mobile	UG	SOORAJ N V	Santhosh
10	Popularity of different utilities of plastic cards	UG	VISHNUDAS K	Praveen
11	Students perception and satisfaction towards online classes during covid - 19 pandemic	UG	ANSA ROY	Subaida T
12	Employee retention	UG	FARSHANA PARVEEN P T	Santhosh
13	Students perception and satisfaction towards online classes during covid - 19 pandemic	UG	FASNA P A	Subaida T
14	Consumer rights among rural people	UG	HIMAKRISHNA K R	Unais
15	Customer satisfaction towards online banking after covid - 19 pandemic	UG	LISNIYA MEHARIN K	Unais
16	Buying behaviour of insurance product	UG	MEGHA K M	Subaida T
17	Customer satisfaction towards online banking after covid - 19 pandemic	UG	SHAMILA J	Unais
18	Influence of online advertisement in the purchasing decision	UG	SHARMILA SHERIN	Praveen
19	Growth of E- Commerce during covid-19	UG	ABDUL BASITH	Unais
20	Consumer rights among rural people	UG	ABSHER SINU K P	Unais
21	Customer perception towards internet banking	UG	AFSAL RAHMAN P H	Praveen
22	Buying behaviour of insurance product	UG	AJMAL KARINCHERI	Subaida T
23	Buying behaviour of smart phones	UG	AKHIL C V	Santhosh
24	Influence of online advertisement in the purchasing decision	UG	AKHIL MOHANAN	Praveen
25	Customer satisfaction towards online banking after covid - 19 pandemic	UG	AMAL ASHKAR A	Unais
26	Revenue from Youtube	UG	AMEEN KOYA	Unais
27	Customer satisfaction on VI sim	UG	ANSIL IRFAN T	Subaida T
28	Customer perception towards internet banking	UG	ARSHAD MUHAMMED A S	Praveen
29	Customer satisfaction on tribal products	UG	ARSHID K	Santhosh
30	Influence of online advertisement in the purchasing decision	UG	ASHIQUE V A	Praveen
31	Not submitted	UG	FAJ MUHAMMED K J	
32	Satisfaction of Poco Mobile	UG	JASEEL AHAMMED	Santhosh
33	Consumers perception and satisfaction of counterfeit fashion product	UG	JASMAL SHAN P K	Unais
34	Impact of self service on the performance of supermarket	UG	MUHAMMED HASHEEM	Praveen
35	Perception of crypto currency	UG	MUHAMMAD JASHAD E T	Subaida T
36	Consumer rights among rural people	UG	MUHAMMED ANEEST A	Unais
37	Customer satisfaction on VI sim	UG	MUHAMMED ARSHAD	Subaida T
38	Impact of self service on the performance of supermarket	UG	MUHAMMED ASHAD A T	Praveen
39	Impact of self service on the performance of supermarket	UG	MUHAMMED ASLAM K K	Praveen
40	Employee retention	UG	MUHAMMED ASLAM M	Santhosh
41	Customer satisfaction on VI sim	UG	MUHAMMED ASLAM P A	Subaida T
42	Customer perception towards internet banking	UG	MUHAMMED IRSHAD	Praveen
43	Satisfaction of Poco Mobile	UG	MUHAMMED RAEES	Santhosh
44	Revenue from Youtube	UG	MUHAMMED RAMSHAD A	Unais
45	Satisfaction of Royal Enfield	UG	MUHAMMED RISA RISVAN	Praveen
46	Identify the buying behaviour of smart phones among peoples	UG	MUHAMMED SAHIL	Santhosh
47	Popularity of different utilities of plastic cards	UG	MUHAMMED SHAHEER E M	Praveen
48	Identify the buying behaviour of smart phones among peoples	UG	MUHAMMED SUHAYIL	Santhosh
49	Perception of crypto currency	UG	REVATH RAG M R	Subaida T
50	Buying behaviour of insurance product	UG	RUVAIS BASHEER	Subaida T
51	Revenue from Youtube	UG	SHADIL T	Unais
52	Consumers perception and satisfaction of counterfeit fashion product	UG	SHAHSHAD	Unais
53	Popularity of different utilities of plastic cards	UG	SOORAJ C S	Praveen
54	Employee retention	UG	ZAINUL RIZWAN	Santhosh
55	Consumers perception and satisfaction of counterfeit fashion product	UG	ANSHITHA SHERIN	Unais

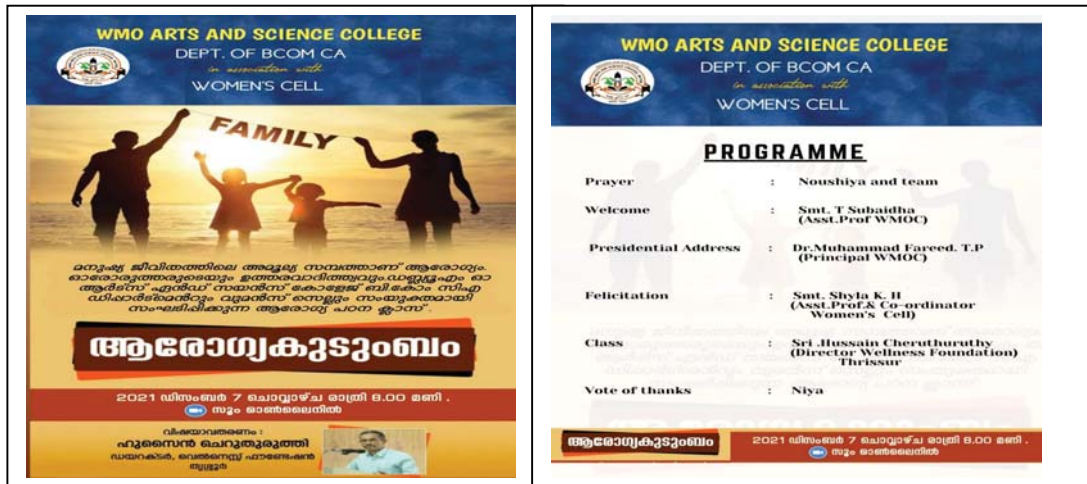


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5. Webinars

- A webinar on Healthy Family - Health Awareness was conducted by the department in collaboration with the women's cell of the college on 0



by Mr.Hussain Cheruthuruthy.

Topic: WMO HEALTHY FAMILY, Time: Dec 7, 2021 07:30 PM

Join Zoom Meeting:
<https://us02web.zoom.us/j/83017876839?pwd=ck5hQWR3cThYTxBVndpQ1p0OHRFdz09>

Meeting ID: 830 1787 6839 Passcode: 081077

- Conducted a webinar by Mr.Hussain Cheruthuruthy on 29/01/2022 on the Cervical Cancer awareness program topic.



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ഒമ്പതാം : സെർവിക്കൽ കാൻസർ
ബോധവൽക്കരണ മാസം

ലോക ഗർഭാശയഗുള കാൻസർ ബോധവൽക്കരണ മാസത്തോടനുബന്ധിച്ചു
വെൽനെസ്സ് ഫൗണ്ടേഷനും WMO ആർട്സ് & സയൻസ് കോളേജ്
കോമേഴ്സ് വിഭാഗവും (CA) സംയുക്തമായി സംഘടിപ്പിക്കുന്ന വെബിനാർ

അറിഞ്ഞുതുടയാം
സെർവിക്കൽ കാൻസർ

2022 മാർച്ച് 29 ശനിയാഴ്ച രാവ് 8 മണിക്ക് സൂം ഓൺലൈനിൽ
ZOOM ID: FOR REGISTERED MEMBERS

വിഷയവസ്തുത :
എസെൻ ചെറുതുരുത്തി
വെൽനെസ്സ് ഫൗണ്ടേഷൻ

WELLNESS EQU TALK - 09
FOR FREE REGISTRATION WHATSAPP YOUR
NAME AND PLACE TO 94 95 95 65 35

Wellness Foundation
Thiruvananthapuram

WMO ARTS AND SCIENCE COLLEGE
DEPT. OF B.com CA

<https://us02web.zoom.us/j/8918646701?pwd=UVVJYzFkbktXRXAiMXQ1c3ZydGJ3UT09>

Meeting ID: 891 864 6701

Passcode: WELLNESS

6. 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.

7. 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



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demonstrate they have achieved their learning goals. It provides evidence for the teacher that the students have achieved their goals.

8. Achievements of students in the curricular and extracurricular activities.

9. Skill development programs

On 30-08-2020, Tuesday, Department of B.COM.CA conducted a work experience class at 2:30 pm in association with women's cell. The objective of the class was a workshop for women's empowerment. The resource person of the program was Srimati Khadeeja (Sulthan Bathery). About 30 girls from various departments participated in the work experience session.



10. Group discussions and Debates

Students of D3 B.COM.CA, WMO Arts and Science College conducted a debate on 10th august 2022. The subject of the debate was 'Even though we have achieved our freedom, state whether India achieved complete freedom or not?' in accordance with



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the Independence Day celebration. The debate was between two groups- Boys VS Girls.



11. Quizzes, Elocution Etc.

Quiz Competition

A quiz competition was conducted by D3 B.COM.CA students on 19th august 2022, Monday in accordance with Independence Day. The venue was in the conference hall, 36 students from various department participated in the program and we had 4 sessions of the quiz competition with 4 different topics.





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Elocution

On 29-08-2022 Monday, department of B.COM.CA, WMO Arts and science college conducted an elocution competition which was based on 'AZADI KE AMRITH MAHOTSAV'. The competition was occurred in D3 B.COM.CA Class, at the time of 2:30 pm. There were 4 participants and the competition was extremely a tight competition. Ms. Subaida and Ms. Rubina Ma'am (assistant professor in B.Com.CA and assistant professor in Economics) were our two eminent judges. The participants of the competition were Salman, Irshan and Thafsalof D3 B.COM Corporation and Fahad of B.COM.CA.



National Anthem – Video tribute by D3 students

On 15-8-2022 Monday , Department of BCOM CA presented a video tribute to all our courageous freedom fighter's by singing national anthem in an innovative way. The resource person of this event was our beloved HOD Praveen Matthew sir. On the beginning of the video D3 B.Com CA student Niya, give a short message about our freedom fighters and convey extreme pleasure and thanks to our freedom fighters through words. 75 students participated in this occasion and made their voice in part of national anthem. Days of hard work made an amazing moment



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12.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.



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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**

2021-2022

CONTENTS

1.	ICT Facilities available in the department
2.	Software tools used
3.	E-Contents Developed
4.	Student's Project
5.	Seminars
6.	Workshops
7.	Laboratory Courses
8.	Certificate 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 and the other classroom equipped with TV.

List of facilities available

Sl.No.	Item	Quantity
1.	Projector	1
2.	TV	1
4.	Wi Fi	Available

2. Software tools used

Sl.no	Faculty	Tools used
1.	Madhusoodhanan K	Teachmint Powerpoint
2.	Dr.Mini TC	Google classroom Powerpoint
3.	Dr.KK.Hamsa	Youtube Google classroom



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		Powerpoint
4.	Dr.N.Raju	Zoom
		Google classroom
		Powerpoint
5.	Raseena K	Google classroom
		Google meet
		Powerpoint
6.	Nihala P	Google classroom
		Google meet
		Powerpoint

3. E-contents developed

Sl.No.	Faculty	Programme	Course	Type of e-contents Developed
1.	Madhusoodhanan K	Msc statistics	Distribution theory	Pdf Slides
2.	Nihala P	Msc statistics	Analytical tools for statistics-1	Video Pdf Slides
3.	Raseena K	Msc statistics	Estimation theory	Pdf Slides
4.	Dr.Mini.TC	Msc statistics	Machine learning-1	Pdf Slides
5.	Dr.KK.Hamsa	Msc statistics	Stochastic Processes	Pdf Slides
6.	Dr.N.Raju	Msc statistics	Operational Research-1	Pdf Slides

4. Student's Project

Sl.no	Name of student	Topic	Guide
1	Adheeb Muhammed E T	Loan Eligibility checking problem	Dr.MINI TC
2	Ahsana Fathima EK	Inequality Measures	RASEENA K
3	Arshadha SM	The Impact of COVID-19 on education and other aspects of students	Dr.MINI TC
4	Aswathy krishna C	Statistical study of factors affecting lung capacity	NIHALA P



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5	Fasna T	Heart Disease Prediction Using Machine Learning	MADHUSOODANAN K
6	Jahana Sherin K M	Prediction of Rainfall during the year 2022	Dr.MINI TC
7	Mufeeda K	Comparison of ML Classification Algorithm for Analysing the Performance of Mobile Price Prediction	MADHUSOODANAN K
8	Mumthas K	Statistical analysis of road accidents in kerala	NIHALA P
9	Naval Marjan MK	Creation of model of best fit for Covid-19 affection using The case study of Wayanad district	RASEENA K
10	Raheela Mumthaz	Prediction on stock market using time series analysis	MADHUSOODANAN K
11	Risvana	crime against women in Kerala	NIHALA P
12	Shajahan KS	Creation of model of best fit for Covid-19 affection using The case study of Wayanad district	RASEENA K
13	Shana Jabeen	Prediction of Parkinson Disease using Machine Learning	Dr.MINI TC
14	Sneha Joseph	A study of factor affecting concept of diabetes using statistical analysis	MADHUSOODANAN K

5. Seminars

Sl.no.	Name of student	Title	Name of the conference	Date
1.	Naval Marjan	Machine learning & its application to covid-19	CSIR sponsored International Conference on Machine learning & its application to covid-19	4 th ,5 th and 6 th October 2021
2.	Shajahan KS	Machine learning & its application to covid-19	CSIR sponsored International Conference on	4 th ,5 th and 6 th October 2021



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			Machine learning & its application to covid-19	
3.	Adheeb Muhammed	Machine learning & its application to covid-19	CSIR sponsored International Conference on Machine learning & its application to covid-19	4 th ,5 th and 6 th October 2021
4.	Arshadha SM	Machine learning & its application to covid-19	CSIR sponsored International Conference on Machine learning & its application to covid-19	4 th ,5 th and 6 th October 2021

6. Workshop

Sl.No :	Title of the Programme	Date	Targeted Audience	Number of participants.	Name of the Resource persons (if any)
1.	Workshop on latex tools- Statistical colloquium	22/07/21	UG & PG	35	Dr. K K Hamsa- Department of statistics, WMO college

7. 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



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8. Certificate courses

Sl.no	Title of the programme	Date	Targeted audience	Number of participants	Name of the resource person
1.	Advanced Programming in R	10/01/2022-28/01/2022	PG	16	Mr.Madhusoodhanan K (Assistant Professor, Department Of Statistics, WMO Arts and Science College, Muttil)
2.	Statistical Package for Social Science (SPSS)	07/02/2022-25/02/2022	PG	14	Dr.N.Raju (Assistant Professor, Department Of Statistics, WMO Arts and Science College, Muttil)



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2021-2022

CONTENTS

Sl. No.	Contents
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2	E-contents Developed
3	Industrial Visit
4	Attended Army Attachment Camp
5	NCC 'B' Certificate
6	Quiz Competition
7	Webinars
8	Fest and Expo
9	Programmes Conducted



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1. Software Tools Used

Sl.No.	Faculty	Tools Used
1	Madhusoodhanan K	<ul style="list-style-type: none">● Teachmint● Google classroom
2	Dr. Saidmohammad V H	<ul style="list-style-type: none">● Teachmint● Google classroom
3	Rubeena P	<ul style="list-style-type: none">● Teachmint● Google classroom
4	Jithya K	<ul style="list-style-type: none">● Teachmint● Google classroom
5	Muhammed Shaifer P	

2. E-contents Developed

Sl.No.	Faculty	Programme	Course	Type of e-contents Developed
1.	Madhusoodhanan K	B A Economics	Quantitative Techniques foe Economics	
2.	Dr. Saidmohammad V H	B A Economics	Mathematical Economics	
3.	Rubeena P	B A Economics	Indian Constitution and Politics Modern Indian History	
4.	Jithya K	B A Economics	International Economics	
5.	Muhammed Shaifer P	B A Economics		

3. INDUSTRIAL VISIT



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On March 18, 2022, 34 students and four teachers of the 3rd Undergraduate Economics class visited Coorg and Chikmagalur as part of an institutional visit. Students and teachers visited Agro Industries at Nallur, Chikmgalur. This IV was conducted as a part of Vth Semester Subject - Indian Economic Development. This was an experience learning for students. The students clearly understood the workings of that industrial establishment and interacted with the workers there. Then students and teachers visited Udupi Temple and St.Mary's Island. 22nd March 2022 Back in college. The students shared that this institutional visit was a very good experience.



4. Attended Army Attachment Camp



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SGT. Ibrahim Alikhan and CPL. Ajil Prakash C J of 2nd B A Economics got selected and thereby they attended the army attachment camp, which was held at Bangalore from 27th June 2022 to July 2022 with 22 RAJ RIF



SGT. IBRAHIM ALIKHAN

CPL. AJIL PRAKASH C J

The army attachment camps are conducted by NCC in collaboration with Indian Army. In this camp the cadets were trained in the military tactics including day and night warfare and also got familiar with weaponry.

5. NCC 'B' Certificate

Students of Third B A Economics Ajil Prakash C J, Ibrahim Alikhan, Muhammed Arifudheen, Niranjana GireeshKumar, Rahana Suresh, Kulsum Fathima P K and Fathima Thaskina passed the NCC 'B' Certificate examinations held in 2022 under the authority of Ministry of Defence, Govt. of India.

6. Quiz Competition

Sl.No.	Name of the Programmes	Date
1	Ecozest 21	21-07-2021



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7. Webinars

Sl.no.	Topic	Resource Person
1	Banks and Banking Products	Dr. Chithra
2	Population and Development	Dr. R Nagarajan

8. Fest and Expo

Sl.NO.	Name of the Programme	Date
1	Youth Expo	12-01-2021
2	Ecoindfest	09-08-2022
3	Food Fest : Mmade Thakkaaram	11-08-2022
4	Book Expo	19-08-2022





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9. ACHIEVEMENTS OF STUDENTS

SL. NO	NAME OF THE STUDENT	CLASS	PROGRAMMES	RANK/POSITION/PRIZE
1	SHRAVAN	D2	NSS LEADERSHIP CAMP	ONLY SELECTED STUDENT FROM WAYANAD DISTRICT
			KCQ YES INDIA CAREER QUIZ	STATE SELECTION
			KSEB QUIZ	COLLEGE SELECTION
2	ABHINASH	D2	INTER ZONE FOOTBALL	
3	AFEES	D2	INTER ZONE FOOTBALL	

10. Programmes Conducted

● **CLASS LEVEL THOUGH SHARING SUBJECT :**

A class level thought sharing was conducted on June 1ST , 2021 on the topic " Education during corona Pandemic ".

The program was under the coordination of the class tutor Smt. Rubeena. Around 30 students participated in the online meet. Several ideas related to virtual class rooms online meets, online assignment submission exedra was discussed. Class monitor Murshida K.C delivered the introduction speech.



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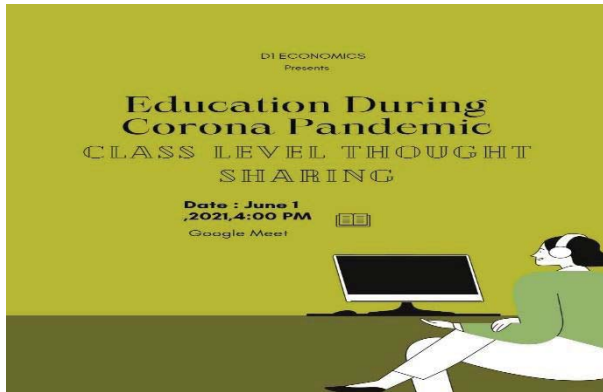
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- CLASS DEBATE ON THE TOPIC –
POLLUTED ENVIRONMENT AND ECONOMY

On June 5th, 2021 a class debate was conducted on the topic polluted Environment and Economy . Head of te Department Smt. Subida hosted the online meet. Around all the students in the department of economics participated in the Debate.



- READING DAY PARADE
PROGRAMME: BOOKMARK DESIGNING CONTEST

As part of the National Reading day on June 19th, 2021 , a book designing Contest was conducted by the department . Smt. Jithya was the program Co-ordinated. Huge participation from various department s made the program successful.



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WMO COLLEGE MUTTIL
Department of Economics
Presents

READING PARADE

Bookmark Designing contest

Last Day of submission - July 6 2021

Send your entries to -
Shravan - 9544450199
Murshida - 85898 36851



- AWARENESS CLASS
AUGUST 11



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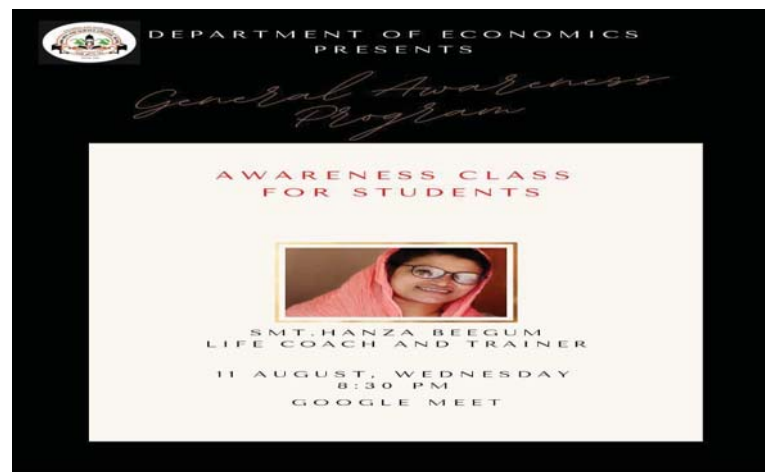
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A general Awareness Program conducted by Department of Economics Smt.Hansa Beegam life Coach and trainer. Around 60 student Participated in the Awareness Class Hansa mam took class in a different Manner and it was too attractive.



- **WORLD POPULATION DAY**
JULY 11

INTERCOLLEGIATE SPEECH COMPETITION
TOPIC : CORONA AND WORLD POPULATON

An intercollegiate speech Competition was conducted by the Department of Economics on the day around 12 Entry's reserved by student's from several collages. The program was successfully completed.



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WMO COLLEGE MUTTIL
Department Of Economics
World Population Day
JULY 11

INTERCOLLEGIATE SPEECH
COMPETITION

Topic - Corona And World Population.

RULES

- 1 Register for the competition through the mobile number given below.
- 2 The video must not exceed 5 minutes.
- 3 The entries must be given before the deadline.

Last day for submission - JULY 11 ,5:00 PM

For registration/For any queries
9544450199
85898 36851

- ECOZEST 21
MEGA QUIZ EVENT

As part of Ecozest 21 department of Economics conducted a Quiz program on July 23 2021 Mursidha K.C and Shabana K.S was the coordinators of the program. General Questions relating arts, sports, politics etc. Were included

DEPARTMENT OF ECONOMICS
PRESENTS

ECOZEST '21

MEGA QUIZ
EVENT

23 July 2021

For Any Queries
Murshida : 85898 36851
Shabana : 97783 46241



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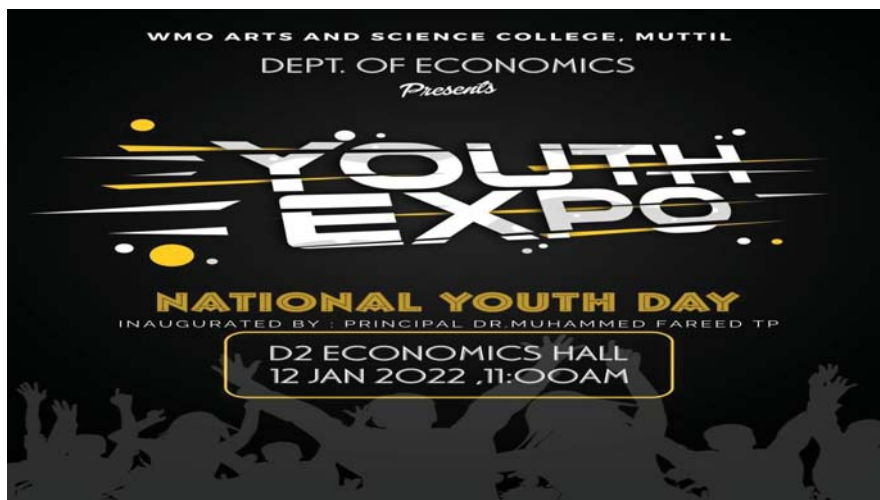
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- **YOUTH EXPO**
BOOK EXEBITION AND CANVAS OF EXPRATION

The Youth expo conducted in National youth day By The Department of Economics. The Program inaugurated by Dr. Muhammad Fareed Principle of WMO Collage Muttill . The students of our department collated Library book and Exhibited in the class room. A canvas was placed for art works by students . Huge participation was made by students.





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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

2021-2022

CONTENTS

1	Awards and achievement
2	Competition and contests
3	online quiz
4	webinars/conference
5	Students' Participation in conferences/seminars
6	Productions and Publications
7	Fest and festival
8	Field visit
9	Mass radio
10	Mood tapes



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11	University project details
12	ICT facilities available in the department
13	List of E-Contents

1.AWARDS AND ACHIEVEMENTS

The academic year 2020-2021 saw the students of the Department of Mass Communication participate in various events and emerge victorious, winning accolades and prizes for their exceptional performances.

Sl no.	Name of the student	Details	Supporting documents
1.	Anzil Rahman	has released a Malayalam shot film "Icha" on YouTube	Icha ഇച്ച malayalam short film chiratta entertainments (2021)
2.	Edwin George, Sherin Shanoj Japhinshan and Abhay ES	bagged second prize for the short film competition conducted by the National Election commission as part of voters Day on 25-01-2022. Prize was distributed by honourable District Collector Dr.A. Geetha.	



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3.	Jithul K.K. and Arjun CR	secured first in Wayanad Youth Volley ball Championship.	
4.	Jithul K.K. and Arjun CR	third prize in Inter collegiate A zone Volley ball tournament	
5.	Jisni M P	has participated in Road Cycling conducted by Wayanad Olympic Association and secured first place on 11th January 2022. She also participated in Mountain Cycling conducted by Wayanad District Cycling Association and secured first prize representing Peloton Riders, Pinagode held on 25th september 2021	



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1. COMPETITIONS & CONTESTS

The department excels in fostering healthy competition spirit and enhancing the students' learning experience through various contests. One such event held this year was an interdepartmental photography competition.

Sl no.	Report	Supporting documents
1.	PHOTOGRAPHY CONTEST Department of mass communication organized a photography contest in connection with KERALA PIRAVI on Nov.1, 2021. Entries were invited from students of all departments. Among the forty-five entries we received, we could select the best three and certificates were distributed to the winners.	

1. ONLINE QUIZ

The Department of Mass Communication organized an online Quiz series for students, focusing on the latest news and events reported in newspapers. This initiative aimed to keep the students informed and aware of current affairs.

Sl no.	Report	Supporting documents



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1.	Department of mass communication conducted an online Quiz series for students with the noble objective of keeping them up to date on the daily news around them. The theme of the quiz was Environmental day.	https://docs.google.com/forms/d/e/1FAIpQLSd2iZXGcic9Vy8WWvTMKI-yV2qpaH4m_g0bkgGdweq6T3D4lw/viewform?usp=share_link
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2. Webinars/ Conferences and Seminars

The Department of Mass Communication organized a series of 7 insightful webinars, each focusing on different areas to enhance students' learning experience.

Sl no.	Title of the programme	Report	Supporting documents
1.	WEBINAR SERIES LET'S OPEN UP	Department of mass communication conducted a WEBINAR SERIES LET'S OPEN UP, a humble initiative by Mass communication students with the motive to encourage and inspire students. The first session was conducted by Mr. Thasleem Punnakkadan, second year Mass communication student on 26 th July 2021 at 7:30 pm. 50 students were actively part of the session.	



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2	<p>WEBINAR SERIES LET'S OPEN UP</p>	<p>The Department of Mass Communication conducted a WEBINAR SERIES LET'S OPEN UP "Introduction to a Vlog", a humble initiative by Mass communication students with the motive to encourage and inspire students. The second session was conducted by Mr. Ameen Koya, third year B.Com CA student on 4th August 2021 at 7:30 pm. 65 students were actively part of the session.</p>	
3.	<p>WEBINAR SERIES LET'S OPEN UP</p>	<p>Department of mass communication conducted a WEBINAR SERIES LET'S OPEN UP, "Alumni Talks", a humble initiative by Mass communication students with the motive to encourage and inspire students. The third session was conducted by Ms. Faseela T, Alumni Mass communication department on 13th August 2021 at 7:30 pm. 65 students were actively part of the session.</p>	



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4.	WEBINAR SERIES LET'S OPEN UP	Department of mass communication conducted a WEBINAR SERIES LET'S OPEN UP, a humble initiative by Mass communication students with the motive to encourage and inspire students.The fourth session was conducted by Ms.Jyothi Sandra ,Second yr , Mass communication student on 20 th Sep 2021 at 7:30 pm.61 students were actively part of the session.	
5.	WEBINAR SERIES LET'S OPEN UP	Department of mass communication conducted a WEBINAR SERIES LET'S OPEN UP, a humble initiative by Mass communication students with the motive to encourage and inspire students.The fifth session was conducted by Ms.Sreelekha,Second yr , Mass communication student on Oct 1 2021 at 7:30 pm.50 students were actively part of the session.	



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6.	WEBINAR SERIES LET'S OPEN UP	Department of mass communication conducted a WEBINAR in connection with KERALA PIRAVI on Nov.1,2021 named "Mamalakkappurathu marathaka pattuduthu malayalam ennoru naadund". The resource person was Smt.Pushpa K.,GVHSS,Manjeri.	
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5, Students' Participation in conferences/seminars

Sl no.	Title of the programme	Report	Supporting documents
1.	Webinar on 'Education and Character formation' on 6 th September, 2021.	Students attended a webinar on "Education and Character formation" conducted by Pazhassiraja college, Pulpally (Shalom institute of Mental health and Research) and the Department of Mass communication and Journalism, Pazhassiraja college, Pulpally. The resource person was Dr.Alexander Jacob IPS(RTD) on 6 th September 2021 11 am to 1:30pm through Zoom platform.	



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2.	webinar on “Gender Sensitisation” on 11 th September 2021	Our students attended a webinar on “Gender Sensitisation” conducted by Women and Child development office Wayanad and Women cell, WMO Arts and Science college, Muttill. The resource person was Smt.Usha Kumari CI , on 11 th September 2021 11 am to 1:30pm through Zoom platform.	
3.	webinar “MABEOB 2021” on 11 th September 2021.	Our students attended a webinar “MABEOB 2021” conducted by the Department of Mass communication and Journalism, Pazhassiraja college,Pulpally on 11 th September 2021,3 pm through Zoom. The resource person was Sri.Sabari Janaki,Wildlife Photographer.	



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3.	webinar "MABEOB 2021" on 11 th September 2021.	Our students attended a webinar "MABEOB 2021" conducted by the Department of Mass communication and Journalism, Pazhassiraja college, Pulpally on 11 th September 2021, 3 pm through Zoom. The resource person was Sri. Sabari Janaki, Wildlife Photographer.	
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6. Productions and Publications

NEWS AROUND US

"News around us" a news portal started on 23rd September 2020 continued to the following academic year. It still works completely under the supervision of the students itself.

Students: Sherin shanoj, Adarsh, Rinsha, Mushlia, Farsna, Harshidaha, Hasnath, Edwin, Aryanadha, Rumaisa, Aditya, Rose, Sreejitha, Shehla Bint Ali

Links:

<https://www.youtube.com/watch?v=-WISoHhuRt4>

<https://www.youtube.com/watch?v=VUbjXaJ5fCA>

<https://www.youtube.com/watch?v=M0U6qt8BprU>

<https://www.youtube.com/watch?v=bO4uR5VA8Fc>

<https://www.youtube.com/watch?v=b9sU0Td50L4>

<https://www.youtube.com/watch?v=VGWpZhSzMgs&t=2s>

https://www.youtube.com/watch?v=O_5v3dpSACE&t=6s

<https://www.youtube.com/watch?v=q-OiSv4osJA>

<https://www.youtube.com/watch?v=XuFaCB7A7Q0>

<https://www.youtube.com/watch?v=GE-I2GHDCbM>



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<https://www.youtube.com/watch?v=wdHgcpPb23Y>

<https://www.youtube.com/watch?v=6Cb4xozmvq4>

<https://www.youtube.com/watch?v=6Cb4xozmvq4>

<https://www.youtube.com/watch?v=P6zdHRudJGo>

<https://www.youtube.com/watch?v=oUuWy2ryubo>

<https://www.youtube.com/watch?v=p2hQ2n95gNE>

<https://www.youtube.com/watch?v=4a0DRALwipw>

<https://www.youtube.com/watch?v=VKsGxII0aKI>

Mass Chronicle

In 2021-2022 academic year students in various batches of mass communication and journalism have published online newspapers. Students were categorized into groups and were selected topics of contemporary relevance. They designed newspapers on their own and pagination works were done individually.

Name of the newspaper : Mass Chronicle

Pages : 1-2 pages

Software's used : Microsoft word, Adobe Photoshop



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THE RED CAROL

On December 23rd, 2021, the talented students of our Mass Communication Department published an exquisitely crafted, hand-written magazine called "The Red Carol". This masterpiece showcased a wealth of new treasures for our esteemed students, ranging from enchanting stories, exquisite poems, fascinating book reviews, to magnificent artwork in a plethora of styles and genres. Produced primarily by our first-year students, this literary marvel served as a great motivator for both reading and writing.

7. FESTS & FESTIVALS

The Department of Mass Communication curated a captivating film festival and organized cheerful Christmas programs to actively engage students in their learning journey and enhance their overall learning experience.



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Sl. No	Title	Report	Supporting Document
1	FILM FESTIVAL	CHAYAM FILM FESTIVAL Mass communication Department in association with the Social Work Department powered by Woman cell, WMO College conducted a two day Film Festival on 8th and 9th March 2022, in connection with International Women's Day, screening Classic movies in three different screens at the same time followed by an open forum on the movie showcased.	



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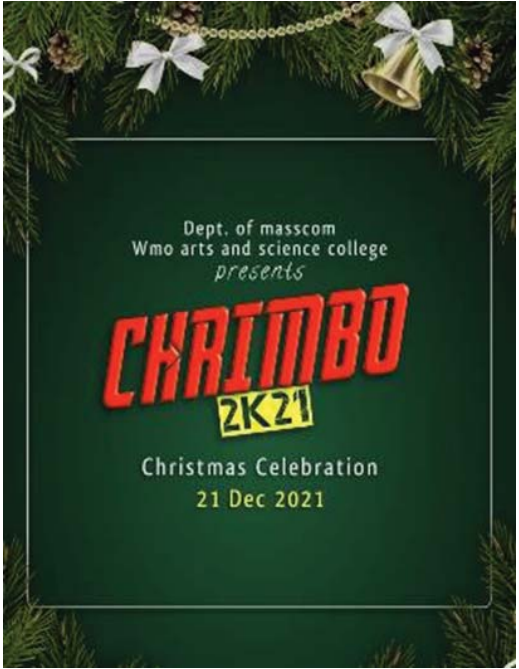
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2.	CHRIMBO 2K21	<p>The department conducted a Christmas programme on 21st Dec 2021 commemorating the birth of Jesus Christ. The programme was inaugurated by Ms. Anu Ann Varghese, HOD, Dept of Mass communication. The celebration had taken place in the College auditorium. The students had decorated the hall like a bride. There was the Christmas Tree decorated with lamps and toys and flowers in one corner of the hall. We had also decorated the stage with Merry Christmas and Happy New Year tags. We celebrated both the events (Christmas Day and Welcoming of New Year) together. There were cultural programmes by our students.</p>	
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8. FIELD VISITS

Visit to EN OORU on 8th June, 2022

As a means of experiential learning, the Department of Mass Communication tasked their third-year students with a visit to the recently erupted EN OORU in Lakkidi, Vythiri on 8th June, 2022. The majority of students participated in this excursion, which focused on immersing them in the lives and customs of the tribal community within the district. Following this, a discussion was held on modernism and postmodernism, as well as the concept of postmodern tourism, in upcoming lectures for their Mass Communication theories course.



9. MASS RADIO

Sl no.	Name of the student	Report	Supporting documents
1.		On 19 th June 2021 with a Talk about ഹയ്ക്കമിനം. Our daily podcast will be available on Spotify and various other platforms.	



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10. MOOD TAPES

Mood tapes are short video production where in students are divided into groups and they do the pre-production, production and post production

Sl no.	Name of the student	Report	Supporting documents
1.	Sixth sem students, The department of masscom	Poove Poove cover song on Dec 14, 2021	Mass Com Video Production I WMOC I Poove Poove I Devadoothan I DJI OSMO POCKET - YouTube
2.	Third year students, The Department of masscom	An interview on ALL INDIA TRIP with WMO faculties on Dec, 25, 2021	Mass Com I WMOC I Interview Series 01 I Token of Love for the Teachers completed I ALL INDIA TRIP - YouTube

11. STUDENTS PROJECTS

Name	Project title	Name of the Supervisor
Riswin p	Malayalam movies based on real stories	Anu Ann Varghese



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Adarsh P P	CAMERA MOVEMENTS AND EMOTIONAL	Aswin Sariga
Suhana sherin kp	A study on the development of business ideas through instagram in Wayanad	Anu Ann Varghese
Afthab mc	A Study On Consumer Perception Towards First Copy Fashion Product With Special Reference To Calicut City	Anu Ann Varghese
Arunima Anil	A comparative study on the role and representation of female leading characters in Srinivasan movies	Greeshma John mj
SHIJIN R	A STUDY ON THE IMPACT OF ONLINE GAMES AMONG YOUTH DURING COVID -19 PANDEMIC	Greeshma John mj
Shahanas Parveen K	A study on comparison of OTT platform and theatre experience	Anu Ann Varghese
Habeeb Rahman O H	THE IMPACT OF CARTOON CHANNELS ON CHILDREN'S ACADEMIC PERFORMANCE	Aswin Sariga
Aksha Gireesh	Influence of house ware tv commercial among females at meenagadi panchayat	Greeshma John mj
Athira kr	A COMPARATIVE STUDY ON SITCOMS AND CONVENTIONAL SERIALS	Greeshma John mj
Muhammed aslam	STUDY ON IMPACT OF THE ONLINE LEARNING /TEACHING ON THE STUDENT OF HIGHER EDUCATION	Greeshma John mj
HARSHID A SHERIN.K A	A comparative study on online &offline shopping among youth during covid-19 pandemic in Noolpuzha panchayath	Anu Ann Varghese



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Muhamma d Rinshad	A study of whether the influx of social media is diminishing the importance of traditional media	Greesh ma John mj
Shibil Shahshad	A Study On The Influencing Factors Od Sports Coverage In Newspaper And Television And Its Impact On Youth	Greesh ma John mj
DHILSHA SHERIN KV	A STUDY ON THE INFLUENCE OF AUGMENTED REALITY WITH SPECIAL FOCUS TO MALAYALAM NEWS CHANNEL AMONG MEDIA STUDENTS	Greesh ma John mj
Sulfath	A COMPARATIVE STUDY ON YOUTUBE USAGE AMONG YOUTH BEFORE AND AFTER COVID-19 PANDEMIC AT KALPETTA MUNICIPALITY IN WAYANAD	Anu Ann Varghe se
Hasnath Basheer	The influence of paid promotion among youths	Anu Ann Varghe se
Abida sherin.c	A STUDY ON THE USAGE OF ONLINE LEARNING PLATFORMS DURING COVID PANDEMIC FOR EDUCATIONAL PURPOSE AMONG YOUTH IN PANAMARAM PANCHAYATH	Greesh ma John mj
Edwin George	New trends in wedding photography in Wayanad	Aswin Sariga
Rinsha	Limitations faced by women journalist in India	Anu Ann Varghe se
Ajmal M	A study on Virat Kohli—celebrity endorsement in advertisements	Aswin Sariga
SHERIN SHANOJ	A STUDY ON STRESS OF ONLINE LEARNING AMONG WMO COLLEGE STUDENTS DURING COVID – 19 PANDEMIC	Greesh ma John mj
Muhamme d yaseen	A STUDY ON THE REACH OF OTT PLATFORM AMONG YOUTH IN BATHERY MUNICIPALITY DURING COVID 19 PANDEMIC	Anu Ann Varghe se



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Musliha VM	Study on Right to freedom of speech and expression in current Indian journalism	Anu Ann Varghese
Shala Muhanned	A STUDY ON HOW SOCIAL MEDIA INFLUENCE BEHAVIOURAL CHANGES ON YOUTH AT KALPETTA MUNICIPALITY IN WAYANAD	Anu Ann Varghese
ANSIRINA SPK	LEADING.NEWS.CHANNEL.IN.KERALA.SPECIAL.MENTION.BY.24.NEWS.AND.MEDIA.ONE	Anu Ann Varghese
Muhammed nusair k k	Whatsupp using in Kalppatta	Aswin Sariga
Adith Shajimk	A STUDY ON THE PURCHASING BEHAVIOUR OF BRANDED MOBILE PHONE'S AMONG YOUNGSTER'S WITH SPECIAL FOCUS TO APPLE MOBILES.	Greeshma Johnmj
Anshif p	REPRESENTATION OF UPPER CASTE HINDUS IN MALAYALAM CINEMA	Aswin Sariga
Suhail P	A STUDY ON THE IMPACT OF TELEVISION ADVERTISEMENT ON CHILDREN'S	Anu Ann Varghese
Nasiyath.p	A COMPARATIVE STUDY ON MALAYALAM TRAVEL VLOGS : TECH TRAVEL EAT BY SUJITH BHAKTHAN AND MALLU TRAVELER	Aswin Sariga
Farsana	A study on the influence of youtube career development tutorials among university students at wmo college	Greeshma Johnmj
Abdulla c	How instagram helps in our personal skills development	Greeshma Johnmj
Nishana Nasrin CM	A study on sreenivasan's screen plays based on the social and political scenario of kerala	Aswin Sariga
Mubashir Ahammed k k	Travel vlog in kerala	Anu Ann



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		varghe se
Muhammed sha N T	Impact of television commercial among teenagers on their eating habits	Greeshma John mj
Nihala Yasmin k.p	A comparison study on food vloggers in Kerala based on mrinal's blogs and village food channel by firoz chutti para	Aswin Sariga
Jisni mp	A study on the women stereotyping in malayalam television commercials	Anu Ann varghe se
Fawaz pt	Realism in Iijo Jose Pellisseri movies	Aswin Sariga
NAVIN MK	A STUDY ON HOW DO ONLINE CELEBRITY ENDORSEMENTS EFFECTS CONSUMERS PERCEPTION AND PURCHASE INTENTION WITH SPECIAL FOCUS TO MENS CLOTHING	Greeshma John mj
Sakariya Shanif	STUDY ON THE INFLUENCE OF ADVERTISEMENT ON CONSUMER BUYING BEHAVIOUR WITH SPECIAL FOCUS TO MOBILE PHONES AMONG YOUTH IN VELLAMUNDA PANCHAYATH	Greeshma John mj
ABHAY. E.S	A STUDY ON COMMON BELIEF OF DIGITAL MEDIA ADVERTISEMENT AMONG YOUNGSTERS	Greeshma John mj
Shana Sherin. A	STUDY ON THE CONCEPT OF ANIMATION MOVIES AND IT'S IMPACT ON AUDIENCE ; BASED ON THE MOVIE FINDING NEMO, UP AND FROZEN "	Aswin Sariga



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12. ICT facilities available in the department

Throughout this academic year, the department has made a significant stride in ICT infrastructure to augment the learning experience of our students. As a result, the incorporation of GOPRO HERO camera into the curriculum activities has become a notable feature.

Sl no	Items	Quantity
1	computers	1
2	Printer	1
3	Speaker	1
4	GOPRO HERO camera	1
5	DJI Osmo Pocket camera	1
6	Projector	1



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ICT tools used for enhancing learning experience

SL NO	NAME OF THE TEACHER	PROGRAMME	SEMESTER	NAME OF THE PAPER	USED TOOLS
1	Anu Ann Varghese		SEM I	JOU1B01 fundamentals of masscommunication	
			SEM II	JOU2B02 Media history	computer
			SEM III	JOU3B03 Reporting for the print	sound recorder
			SEM V	JOU5B09 PR and corporate communication	power point presentation
			SEM VI	JOU6B12 Media law and Ethics	Editing software-Film Aura
2	Greeshma John				Lap top
			SEM VI	JOU6B13 Online Journalism	tablet



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			SEM III	JOU3B04 Editing for Newspapers	projector
			SEM IV	JOU4B05 Design and Pagination	Page maker
			SEM VI	JOU6813 Online journalism	photoshop
			SEM V	JOU5B07 Mass communication theories	
3	Abdul Rahiman UP		SEM IV	JOU5B06 Radio Production	Projector
			SEM V	JOU5B07 Mass communication theories	laptop
			SEM VI	JOU6B15 Economic and Buisness reporting	MANO Lavlier Microphone - collar microphone
			SEM II	JOU2B02 Media history	mirror casting
4	Aswin P		SEM V	JOU5B08 Television Production	filmora



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			SEM V	JOU5D01 Newspaper Journalism	projector
			SEM V	JOU5B11 Photo journalism	laptop
			SEM VI	JOU6B14 Introduction to Cinema	cannon EOSD1300
					DJI OSMO POCKET camera
					MANO Lavlier Microphone - collar microphone
					Mirror casting



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13. LIST OF E-CONTENTS DEVELOPED

SL NO	NAME OF THE TEACHER	DESIGNATION	CLASS(SEMESTER)	PAPER	LIST OF E CONTENTS
1	Anu Ann Varghese	Assistant Professor	D1 Second sem	JOU2B02 Media History	PDF, PPT
			D3 Sixth sem	JOU6B12 Media Laws and Ethics	PPT
			D1 First sem	JOU1B01 Fundamentals of Mass Communication	PPT
			D3 Sixth sem	JOU5B09 Public Relations and Corporate communication	PPT,PDF
			D1 First sem	JOU1(2)C02 Introduction to electronic media	PPT
2	Greeshma John	Assistant Professor	D2 Fourth sem	JOU4B05 Design and Pagination	PPT
			D3 Sixth sem	JOU6B13 Online Journalism	PPT, PDF



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			D1 First sem	JOU1B01 Fundamentals of Mass Communicatio n	PPT
			D2 Third sem	JOU3B04 Editing for Newspapers	PPT
			D3 Fifth sem	JOU5B10 Advertising	PPT
3	Abdul Rahiman UP	Assistant Professor	D1 Second sem	JOU1(2)C01 Introduction to Communicatio n and Journalism	PPT, ONLINE LINKS
			D2 Fourth sem	JOU4B06 Radio Production	PPT,PDF, ONLINE LINKS
			D3 Sixth sem	JOU5B07 Mass Communicatio n Theories	PDF
				JOU6B15 Economic and Business Reporting	PPT, PDF
4	Aswin P	Assistant Professor	D1 Second sem	JOU5B08 Television Production	PDF, PPT
			D2 Fourth sem	JOU4(3)C02 Introduction to TV and cinema	PPT,PDF,YOUTUB E VIDEO



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			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 Communicatio n and Journalism	PDF
5	Soumya Mathai	Assistant Professor	D1 First sem	JOU1B01 Fundamentals of Mass Communicatio n	PPT,PDF
			D2 Fourth sem	JOU4B06 Radio Production	PPT,PDF
			D3 Sixth sem	JOU6B13 Online Journalism	PPT,PDF
7	Sriji mol ps		D1 Second sem	JOU1(2)C02 Introduction to Electronic Media	PDF
			D2 Fourth sem	JOU4B06 Radio Production	PDF
			D3 Sixth sem	JOU6B15 Economic & Business Reporting	PDF PPT



Department of Social Work

WMO Arts and Science College
Muttil Wayanad

**REPORT ON STUDENT CENTRIC AND EXPERIENTIAL
LEARNING**

ACADEMIC YEAR - 2021-2022

CONTENTS

1	INTERNSHIPS
2	STUDENTS PROJECTS
3	WEBINARS, SEMINARS, AND STUDENTS PRESENTATION
4	INDUSTRIAL VISITS AND FIELD TRIPS
5	ORGANIZING FESTS AND COMPETITIONS
6	STUDENT SEMINAR/ ASSIGNMENT
7	CAMPS / FIELD SURVEYS
8	CASE STUDY
9	TEACHERS CREATED E-CONTENTS
10	TEACHERS PARTICIPATED IN FDP
11	ICT FACILITIES IN THE DEPARTMENT
12	ICT TOOLS USED IN THE DEPARTMENT FOR EFFECTIVE TEACHING LEARNING

1. INTERNSHIPS

The internships are the block placement provided to the final year MSW students. The block placement allows students to have an intensive experience of social work practice in an agency setting. The students are placed in the agency for a month continuously to gain experience in social work practice. The students are encouraged to take up inter-state placements to enhance their cultural competence and social awareness through the exposure to diverse cultures.

During the academic year students were placed in different settings in order of their specialization chosen and the data of successfully completed students are given below.

Sl. No:	Name of the Student	Nature of setting	Name of the institution
1	Afsal TK	Filed work in rural community development in the state Kerala	Rajagiri outreach, Ernakulam
2	Fasna V V	Field work in rural community development in the state Kerala	Rajagiri outreach, Ernakulam
3	Junaid P P	Field work in rural community development in the state Kerala	TOTEM Resource Centre , Wayanad
4	Muhammed Sufiyan T K	Field work in rural community development in the state Kerala	TOTEM Resource Centre , Wayanad
5	Sona Jasmin P P	Field work in rural community development in the state Kerala	TOTEM Resource Centre , Wayanad

6	Hilal Salih	Field work in psychiatric setting in south India	Institute of Mental Health and Neuro Sciences (IMHANS), Calicut
7	Aiswarya V G	Field work in psychiatric setting in south India	Institute of Mental Health and Neuro Sciences (IMHANS), Calicut
8	Shimol Baby	Field work in psychiatric setting in south India	Louise Mount Hospital, Wayanad
9	Fathima Suhara	Field work in psychiatric setting in south India	Louise Mount Hospital, Wayanad
10	Annie Varghese	Field work in psychiatric setting in south India	Louise Mount Hospital, Wayanad
11	Ashma Raveendran	Field work in psychiatric setting in south India	Bishop Vayalil Medical Centre
12	Shahma C P	Field work in psychiatric setting in south India	Bishop Vayalil Medical Centre
13	Anaghagopan	Field work in psychiatric setting in south India	Bishop Vayalil Medical Centre
14	Dilfehana	Field work in psychiatric setting in south India	Manomithra Psychiatric Care and Counselling Centre
15	Anagha E	Field work in psychiatric setting in south India	Manomithra Psychiatric Care and Counselling Centre
16	Majida K	Field work in psychiatric setting in south India	Manomithra Psychiatric Care and Counselling Centre
17	Nishad K C	Field work in psychiatric setting in south India	Manomithra Psychiatric Care and Counselling Centre
18	Fasna M K	Field work in psychiatric setting in south India	Kusumagiri Institute of Behavioural Science & Research Centre
19	Jibinsha Gafoor	Field work in psychiatric setting in south India	Kusumagiri Institute of Behavioural Science & Research Centre

20	Afsal T K	Field work in urban community development in south India	BIRDS, Kothanur
21	Sona Jasmine Pp	Field work in urban community development in south India	BIRDS, Kothanur
22	Aiswarya VG	Field work in medical setting in south India	St. John's Medical College Hospital Bengaluru
23	Dilfehana	Field work in medical setting in south India	St. John's Medical College Hospital Bengaluru
24	Anagha Gopan	Field work in medical setting in south India	St.Martha's hospital Bengaluru
25	Hilal Salih	Field work in medical setting in south India	St.Martha's hospital Bengaluru
26	Junaid PP	Field work in urban community development in south India	ECHO Centre for Juvenile Justice Bengaluru
27	Muhammed Sufiyan Tk	Field work in urban community development in south India	ECHO Centre for Juvenile Justice Bengaluru
28	Fasna VV	Field work in urban community development in south India	ECHO Centre for Juvenile Justice Bengaluru
29	Ashma Raveendran	Field work in medical setting in south India	Madras Medical Mission Hospital Chennai
30	Fasna MK	Field work in medical setting in south India	Madras Medical Mission Hospital Chennai
31	Annie Varghese	Field work in medical setting in south India	Yenepoya Specialty Hospital Mangaluru

32	Jibinsha Gafoor	Field work in medical setting in south India	Yenepoya Specialty Hospital Mangaluru
33	Shimol Baby	Field work in medical setting in south India	Fr Muller hospital Mangalore
34	Majida K	Field work in medical setting in south India	Fr Muller hospital Mangalore
35	Shahma	Field work in medical setting in south India	India spinal injuries centre, New Delhi
36	Nishad	Field work in medical setting in south India	India spinal injuries centre, New Delhi
37	Anagha E	Field work in medical setting in south India	St. Philomena's hospital, Bengaluru
38	Fathimath Suhra	Field work in medical setting in south India	St. Philomena's hospital, Bengaluru
39	Nishad KC	Field work in professional social work	Institute of Mental Health and Neuro Sciences (IMHANS), Calicut
40	Dilfehana	Field work in professional social work	Institute of Mental Health and Neuro Sciences (IMHANS), Calicut
41	Fasna MK	Field work in professional social work	IQRAA International Hospital and Research Centre
42	Shahma CP	Field work in professional social work	IQRAA International Hospital and Research Centre
43	Shimol Baby	Field work in professional social work	Amala Institute of Medical Sciences
44	Fathimath Suhara Pv	Field work in professional social work	Akkara Foundation. Kasargod

2. STUDENT PROJECTS

The MSW third semester students underwent their dissertation works in various significant areas by researching its current scope. It is the part of their academic program which will build an interest in research aspects of future studies. The following are the list of students who completed their academic dissertation works.

In the academic year 2021-2022, nineteen social work students submitted their dissertations as per the guidelines of the University of Calicut. Students were monitored and guided throughout under the four faculties of the department.

Sl no	Name of the Student	Title of the project	Guide's name and institution
1.	Afsal T K	A study on communication skill among graduate student's	Ms. Rija Rappai, WMO Arts and Science College, Muttill
2.	Aiswarya V G	A study on interpersonal compatibility among young married women	Ms. Suhan Shihab, WMO Arts and Science College, Muttill
3.	Anagha E	A comparative study on privilege among working and non-working women	Mr. Abdul Nizar M M, WMO Arts and Science College, Muttill
4.	Anagha Gopan	A study on alcohol abuse, family relationship and depression among the retired men	Mr. Abdul Nizar M M, WMO Arts and Science College, Muttill
5.	Annie Varghese	A study about emotional problems among female autoriksha drivers in wayanad	Mr. B M Ahammed Munavvir, WMO Arts and Science College, Muttill
6.	Ashma Raveendhran	Psychosocial problems and preparedness related to transition from studentship to professionalship among postgraduate students during	Ms. Rija Rappai, WMO Arts and Science College, Muttill

		the covid -19 pandemic	
7.	Dilfehana	Attitude toward s homosexuality; a comparative study between male and female youth from wayanad district	Ms. Rija Rappai, WMO Arts and Science College, Muttill
8.	Fasna M K	Attitude towards persons with mental illness among youth	Ms. Rija Rappai, WMO Arts and Science College, Muttill
9.	Fasna V V	Life satisfaction and mental health among transgender with special reference to the Wayanad district	Mr. B M Ahammed Munavvir, WMO Arts and Science College, Muttill
10.	Fathimath Suhara P V	A study on psychosocial issue of blind and visually impaired students in education	Ms. Suhan Shihab, WMO Arts and Science College, Muttill
11.	Hilal Salih	Awareness about depression among adolescent's parents from wayanad district	Ms. Suhan Shihab, WMO Arts and Science College, Muttill
12.	Jibinsha Gafoor	A study on awarness of psychotherapy among adolescent's parent's	Mr. Abdul Nizar M M, WMO Arts and Science College, Muttill
13.	Junaid P P	Student's satisfaction on online class during covid-19 pandemic	Mr. Abdul Nizar M M, WMO Arts and Science College, Muttill
14.	Majida K	A study on the topic of knowledge, attitude and practice towards organ donation among young adult	Mr. B M Ahammed Munavvir, WMO Arts and Science College, Muttill

		in kozhikode district	
15.	Muhammed Sufiyan T K	Involvement of family in academic achievements of on-going school students	Ms. Suhan Shihab, WMO Arts and Science College, Muttill
16.	Nishad K C	Role conflict and job satisfaction among accredited social health activists (ASHAS)	Mr. B M Ahammed Munavvir, WMO Arts and Science College, Muttill
17.	Shahma C P	A study on the topic of adolescent's mental health and fashion trends	Mr. Abdul Nizar M M, WMO Arts and Science College, Muttill
18.	Shimol Baby	A study on knowledge, attitudes and practice on premarital counselling among social trainees with special reference to wayanad district	Mr. B M Ahammed Munavvir, WMO Arts and Science College, Muttill
19.	Sona Jasmin P P	Knowledge, attitude and practice on postpartum depression among spouses of married women	Ms. Rija Rappai, WMO Arts and Science College, Muttill

3. WEBINARS, SEMINARS, AND STUDENTS PRESENTATION

Various webinars have been conducted by the department of social work by some of the excellent resource persons working in various firms. These webinars helped in enhancing the exposure of subject knowledge as well as employment areas to the students.

PROGRAM	RESOURCE PERSON
MERAKI - INDUCTION PROGRAM	MR SHIBU KURUMBEMADAM DIRECTOR MANNU
THEATRE WORKSHOP	MR JITHU THAMPURAN THEATRE ARTIST
SNAKES: AWARENESS SESSION	MR AHAMMED BASHEER ANIMAL RESCUER
IDAM – COMMUNITY SENSITIZATION PROGRAM	PART OF COURSE PROGRAM

MERAKI

DO WITH PASSION

2 DAYS INDUCTION WORKSHOP ON
MASTER'S DEGREE IN SOCIAL WORK

PROGRAM SCHEDULE

DAY 1

(13th DECEMBER 2021 MONDAY)

WELCOME SPEECH	: Mrs. SUHAN SHIHAB (Asst. Prof Department of Social Work)
PRESIDENTIAL ADDRESS	: Mr.AHAMMED MUNAVVIR (Head. Department of Social Work)
INAUGURATION	: Dr. T P MUHAMMED FAREED (Principal,WMO Arts and Science College)
KEY NOTE ADDRESS	: Mr.SHIBU KURUMBEMADAM (Director MANNU)
FELICITATION	: Miss.RIJA RAPPAL (Asst. Prof, Department of Social Work)
VOTE OF THANKS	:Mr.ABDUL NIZAR M M (Asst.Prof, Department of Social Work)
INDUCTION WORK SHOP	:Mr.SHIBU KURUMBEMADAM

DAY 2

(14th DECEMBER 2021,TUESDAY)

INDUCTION SESSION 1 : ABDUL NIZAR M M

(Asst. Prof, Department of Social Work)

INDUCTION SESSION 2 : SUHAN SHIHAB

(Asst. Prof, Department of Social Work)

INDUCTION SESSION 3 : RIJA RAPPAL

(Asst. Prof, Department of Social Work)

INDUCTION SESSION 4 : AHAMMED MUNAVVIR

(Head. Department of Social Work)





DEPARTMENT OF SOCIAL WORK
WMO Arts and Science College
Muttill, Wayanad



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Community sensitisation Camp

ETTILATTIL COLONY, THONDARNAD
24th March to 30th March 2022







4. INDUSTRIAL VISITS AND FIELD TRIPS

The department has mainly three types of visits as part of the MSW program: Observation Visit and National Study Tour for first and third semester students respectively along with Field Work practicum for all semesters.

In this academic year students visited *VSET Kalpetta, Child Line, Sakhi the One-Stop Centre, totem Resource Centre, and Tudi- Tribal Unity for Development Initiative* as part of their OV accompanied by faculties during the month December. The third semester students visited different fields of psychiatric settings and urban community in and out as part of their field work practicum.

One of the main of agency visits is to provide an opportunity to students to have a group experience for expressing their views and exchange ideas, concepts regarding social aspects and social life.



→CHILD LINE



→ SAKHI ONE-STOP CENTRE



→TOTEM RESOURCE CENTRE



→ V-SET



→TUDI

5. ORGANIZING FESTS AND COMPETITIONS

The following days are observed and or celebrated conducting various programs and competitions:

DAYS OBSERVED	PROGRAM
WORLD DAY OF SOCIAL JUSTICE 21 FEBRUARY 2022	COLLETE – <i>VICTORY OF THE PEOPLE</i> Inaugurated by Shri. Shamshad Marakkar District Panchayath President Wayanad
INTERNATIONAL WOMEN'S DAY 08 MARCH 2022	CHAYAM – <i>INTERNATIONAL FILM FESTIVAL</i> Collaborated with Women Cell & KSWDC, And Department of Social Work
WORLD SOCIAL WORK DAY 15 MARCH 2022	KNOWLEDGE HOURS – Library Exploring Hours
INDEPENDENCE DAY 15 AUGUST 2022	KOMUNITA – Celebration of Freedom with Communities from 21 August to 30 August 2022. Programs Organized in Various Communities, Wayanad



WORLD SOCIAL JUSTICE DAY





COLETTE PROGRAM



FILM FESTIVAL



KNOWLEDGE HOURS

75 Azadi Ka Amrit Mahotsav

MUNDITIES
Be hygiene for Healthy future

KOMUNITA
Celebrating the Freedom with Communities

Date:-
28/7/2022
Saturday

Waste Disposal & Menstrual Cup

Menstrual Hygiene

Venue:-
Shreepuram
Anganvadi

DEPARTMENT OF SOCIAL WORK
WMO arts and Science College, Muttil



75 Azadi Ka Amrit Mahotsav

Komunita
Celebration of freedom with communities

നമുക്കും പകരം
അറിവുമാം...

AUGUST
28
SUNDAY
10:30 am

@Pakal veed, Parakkuni
Panamaram

Focus group discussion | Awareness and capacity enhancement session

DEPARTMENT OF SOCIAL WORK
WMO Arts and Science College, Muttil, Wayanad



75 Azadi Ka Amrit Mahotsav

KOMUNITA
Celebration of freedom with communities

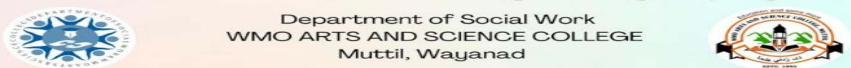
Rajeunaire
The best is yet to be.


Lifestyle diseases screening camp

25 August 2022 - 2:30 pm

Venue : Vedamkottkunnu Anganwady, Pulpally

Department of Social Work
WMO ARTS AND SCIENCE COLLEGE
Muttil, Wayanad





KOMUNITA
 Celebration of Freedom With
 Communities

DEXTERITY
 DO IT YOURSELF


SKILL BASED TRAINING

VENUE :
COMMUNITY HALL
RATTAKOLLI




2022
AUGUST **27**

DEPARTMENT OF SOCIAL WORK
 WMO Arts and Science College
 Muttill, Wayanad


KOMUNITA
 CELEBRATION OF FREEDOM WITH COMMUNITIES

EAT SMART
BE SMART

NUTRITION AWARENESS PROGRAM


SREE LATHA
 (Nutritionist ICDS Sulthan Bathery)

DATE : 25-08-2022
 TIME : 10:30 AM
 VENUE : MURIKKILADI
 ANGANVADI, NENMENI PANCHAYATH

DEPARTMENT OF SOCIAL WORK
 WMO Arts and Science College
 Muttill, Wayanad



KOMUNITA
Celebration of freedom with communities

MERAK

Live with joy and happiness

Chair Yoga for Elderly

2022 August 24 | 3.00PM

Venue: Thurkey bazar Anganwadi



Department of social work
WMO ARTS AND SCIENCE COLLEGE
Muttil, Wayanad



Suraksha

TOPIC: CYBER CRIME

(Technology trust is a good thing, but control is a better one)

KOMUNITA

DATE (Celebration of Freedom with Communities)

21/8/2022

VENUE
BAVALI SCHOOL

DEPARTMENT OF SOCIAL WORK



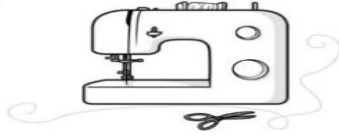
WMO Arts & Science college
Muttil, Wayanad



75
Azadi Ka
Amrit Mahotsav

KOMUNITA
celebrating freedom with
community

നൂൽ കോർക്കിംഗ് കുണ്ടർക്കം



Aug
30th
2022

An orientation class about new venture

10:30 am
@Alternate school,
padapuram colony



Social work department
WMO Arts and Science college, Muttil



6. STUDENT SEMINAR AND ASSIGNMENTS

Integrative seminars were conducted at the end of each field work program. This seminar is designed to help students integrate classroom and field learning. During the seminar each student presents their learning plan/contract, learning experiences and learning outcomes. The student thinks back to what were their initial learning needs and reflects whether they were met or not. This seminar allows students to learn from each other and to enhance formal presentation skills.

Another area of student seminar held as an academic-based presentation about nineteen subject-wise during whole semesters. In this academic year from the batch 2020-2022 a total number of 171 seminars were conducted as part of academics and from the batch 2021-2023 a total number of 270 seminars were completed.

ASSIGNMENT AND PRESENTATION SCHEDULE

SOW I C 05: SOCIAL LEGISLATION AND HUMAN RIGHTS

1	AKHILA MARTIN K	CONCEPT AND NATURE OF HUMAN RIGHTS: VALUES: DIGNITY, LIBERTY, EQUALITY, JUSTICE, AND UNITY IN DIVERSITY
2	ANANDHU BABU	HUMAN RIGHTS AS INHERENT, INALIENABLE, UNIVERSAL AND INDIVISIBLE
3	ASMILA C	UNIVERSAL DECLARATION OF HUMAN RIGHTS 1948
4	ASMITHA K K	UNIVERSAL DECLARATION OF HUMAN RESPONSIBILITIES 1997
5	ATHIRA K A	International Convention on Economic, Social and Cultural Rights
6	FARHANA P	INTERNATIONAL CONVENTION ON CIVIL AND POLITICAL RIGHT 1966
7	FATHIMATHUL JASEEDHA	UN AND ITS PRINCIPAL ORGANS: GENERAL ASSEMBLY, ECONOMIC AND SOCIAL COUNCIL, AND SECURITY COUNCIL
8	FATHIMUL SHIFANA NAZER	SUBSIDIARY ORGAN: HUMAN RIGHTS COUNCIL, SPECIALIZED AGENCIES: UNICEF, UNESCO, ILO, WHO AND VARIOUS AGENCIES

9	HANEENA P	INTER GOVERNMENTAL AND NON GOVERNMENTAL AGENCIES WORKING FOR HUMAN RIGHTS
10	HIFA SHOUKATH	STATUTORY MECHANISM FOR ENFORCEMENT OF HUMAN RIGHTS IN INDIA: NHRC AND SHRC-EVOLUTION, COMPOSITION AND ROLES
11	HIMAVARSHA KARTHIKEYAN	ROLE OF A SOCIAL WORKER IN RELATION TO SOCIAL LEGISLATION AND HUMAN RIGHTS ISSUES
12	JESNA JOSE	JUVENILE JUSTICE CARE AND PROTECTION ACT 2015
13	JINCINA C K	LAWS RELATED TO ADOPTION, CHILD MARRIAGE ACT - 2006
14	KAVYA RAMESAN C K	THE PROTECTION OF CHILDREN FROM SEXUAL OFFENCES ACT, 2012
15	MOHAMED AMMAR THANGAL B K	THE CHILD LABOUR (PROHIBITION AND REGULATION) AMENDMENT ACT, 2016
16	MOHAMMED SALAH K M	THE DOWRY PROHIBITION ACT -1986
17	MOHSENA MOHAMMED	THE PROTECTION OF WOMEN FROM DOMESTIC VIOLENCE ACT, 2005
18	JILNA ELIZABETH MATHEW	The Immoral Traffic (Prevention) Act, 1986
19	NAZLA NIZAR	SEXUAL HARASSMENT OF WOMEN AT WORKPLACE (PREVENTION, PROHIBITION AND REDRESSAL) ACT, 2013
20	RAMSY SHAJAHAN	AGED: MAINTENANCE AND WELFARE OF PARENTS AND SENIOR CITIZENS ACT, 2007
21	RANEEN ARIF	DISABLED: THE PERSONS WITH DISABILITIES (EQUAL OPPORTUNITIES, PROTECTION OF RIGHTS AND FULL PARTICIPATION) ACT, 1995
22	SAINABI T K	BACKWARD CLASSES: THE SCHEDULE CASTE AND SCHEDULE TRIBES, (PREVENTION OF ATROCITIES) ACT, 1989
23	SARATH DEV J P	SOCIAL SECURITY LEGISLATIONS- AN OVERVIEW
24	SHABNA C M	Legal Aid- Definition, meaning and scope
25	SHERIN THOMAS	LEGAL SERVICES AUTHORITIES ACT, 1987 - SALIENT FEATURES, THE SCHEMES AND PROGRAMMES FOR LEGAL AID SERVICES, LOK ADALATS
26	SOUMYA PRADEEP K	PUBLIC INTEREST LITIGATION -MEANING AND DEFINITION, NATURE AND SCOPE OF PUBLIC INTEREST LITIGATION. PROCEDURE FOR FILING PIL
27	MURSIL P	The Nirbhaya Act, 2013

DEPARTMENT OF SOCIAL WORK
MSW SEMESTER I
SOW1 C 03: HUMAN GROWTH AND DEVELOPMENT

Sl No:	Name of Students	Topic
1.	Akhila Martin K	Prenatal period – characteristics, stages
2.	Anandhu Babu	Prenatal period - Importance of prenatal period and hazards
3.	Asmila C	Infancy – stages, characteristics of newborn
4.	Asmitha K K	Infancy – major elements of adjustments, hazards
5.	Ayisha Nibana	Babyhood - characteristics, developmental tasks
6.	Farhana P	Babyhood - Emotional, Social and moral development
7.	Fathimathul Jaseedha	Early childhood – characteristics, developmental tasks
8.	Fathimul Shifana Nazer	Early childhood – language acquisition, socialization
9.	Haneena P	Early childhood – personality, moral and Emotional development.
10.	Hifa Shoukath	Late Childhood – characteristics, developmental tasks, importance of play, peer relationships
11.	Himavarsha Karthikeyan	Late Childhood – cognitive and moral development
12.	Jesna Jose	Puberty – Characteristics, criteria, causes of puberty
13.	Jincina C K	Puberty – major physical and emotional changes and its influence on personal adjustments
14.	Kavya Ramesan C K	Puberty – major physical and emotional changes and its influence on social adjustments
15.	Mohamed Ammar Thangal B K	Puberty – hazards and its effects on the individual's physical and psychological wellbeing.
16.	Mohammed Salah K M	Adolescence – characteristics, developmental tasks
17.	Mohsena Mohammed	Adolescence – major physical, emotional and social changes
18.	Mufeeda P	Adolescence – personality development, sex and sexuality in adolescence.
19.	Nazla Nizar	Early adulthood: characteristics, developmental tasks
20.	Ramsy Shajahan	Early adulthood: personal adjustments and social adjustments
21.	Raneen Arif	Early adulthood: vocational and marital adjustments
22.	Sainabi T K	Middle age: characteristics, developmental tasks
23.	Sarath Dev J P	Middle age: personal and social adjustments
24.	Shahina E M	Middle age: vocational and marital adjustments
25.	Sherin Thomas	Old age: characteristics, developmental tasks
26.	Soumya Pradeep K	Old age: Personal and social adjustments

SOW1Co4: PROFESSIONAL SKILLS FOR SOCIAL WORKERS

SL NO:	NAME OF STUDENTS	TOPICS
1	AKHILA MARTIN K	Communication: Definition, Purpose, Types
2	ANANDHU BABU	Communication: process, barriers, approaches in communication, non-verbal communication
3	ASMILA C	Transactional Analysis-ego states, transactions, strokes, life positions
4	ASMITHA K K	Group discussion
5	AYISHA NIBANA	Public speaking
6	FARHANA P	Presentation skills
7	FATHIMATHUL JASEEDHA	reflective writing
8	FATHIMUL SHIFANA NAZER	Writing skills: Minutes, reports
9	HANEENA P	Writing skills: letters, Advocacy letters,
10	HIFA SHOUKATH	Use of ICT in Social Work, MS Office, Various forms of ICT resources
11	HIMAVARSHA KARTHIKEYAN	Writing skills: case notes, Structure of case notes
12	JESNA JOSE	Writing skills: legal writing, newsletters
13	JINCINA C K	Writing skills: press, media, media releases,
14	KAVYA RAMESAN C K	Writing skills: Letter to the editor, Literature review
15	MOHAMED AMMAR THANGAL B K	Writing skills: academic writing, referencing and plagiarism.
16	MOHAMMED SALAH K M	Leadership- Introduction to Leadership, Leadership Power, Leadership Styles
17	MOHSENA MOHAMMED	Leadership in social work-Facilitative and transformational Leadership
18	MUFEEDA P	Motivation, Motivation enhancement,
19	NAZLA NIZAR	Group dynamics, Team building and team work
20	RAMSY SHAJAHAN	Time Management,
21	RANEEN ARIF	Stress management
22	SAINABI T K	Goal setting
23	SARATH DEV J P	Managing conflict
24	SHAHINA E M	ICT in teaching and learning,
25	SHERIN THOMAS	Online Learning resources
26	SOUMYA PRADEEP K	Introduction to Cyber laws

SOW2Co7 SOCIAL GROUP WORK

SL NO	Name of the Candidate	TOPICS
1	AKHILA MARTIN K	Tools for assessing group interaction - Sociometry
2	ANANDHU BABU	Tools for assessing group interaction - Sociogram
3	ASMLA C	Functional and nonfunctional role of individuals in group
4	ASMITHA K K	Impact of group experience on individuals
5	ATHIRA K A	Communication and Interaction pattern in group
6	FARHANA P	Group cohesiveness, Group control
7	FATHIMATHUL JASEEDA	Group culture Group morale- meaning and characteristics
8	FATHIMUL SHIFANA NAZER	determinants of group morale and importance and characteristics of groups with high or low morale.
9	HANEENA P	Social Group Work: Definition, characteristics and goals of social group work method
10	HIFA SHOUKATH	History and evolution of group work as a method – international
11	HIMAVARSHA KARTHIKEYAN	History and evolution of group work as a method – Indian context
12	JESNA JOSE	Relevance and Scope of Social Group Work
13	JILNA ELIZABETH MATHEW	Group dynamics - Group bond, Sub groups
14	JINCINA C K	Decision making, isolation, Leadership in group
15	KAVYA RAMESAN C K	Conflict and its management in group
16	MOHAMMED SALAH K M	Group Worker – Qualities, skills, Role and functions
17	MOHSENA MOHAMMED	Recording in group work – Importance, Principles
18	MUHAMMAD AMMAR THANGAL B K	Recording in group work- types
19	MURSIL P P	structure of recording, Techniques of recording to analyze group process and plan strategies for intervention
20	NAZLA NIZAR	Group work in Health (Hospitals)
21	RAMSY SHAJAHAN	Group work in De-addiction centres and Mental health centres
22	RANEEN ARIF	Group work in Children and Adolescents(schools and Child Guidance Clinics)
23	SAINABI T K	Group work in Women development
24	SARATH DEV J P	Group work in Family welfare (Family counselling centres)
25	SHABNA C M	Group work in Industries,
26	SHERIN THOMAS	Group work in Communities
27	SOUMYA PRADEEP K	Group work in Correctional institutions

MSW Semester II
SOW2 C 09: Psychology for Social Work
Assignment

Deadline : 27/06/2022, Monday, 10 am

Words : 2000- 2500

Mode of submission : offline, written
hardcopy

Mandatory Content : face sheet, table of content, introduction, body: concepts, application and other relevant information, conclusion, reference in APA format (minimum 4 references)

Sl no	Name of the student	Topic
1.	Akhila Martin K	Social psychology: definition, nature and scope and relevance to social work
2.	Anandhu Babu	Social perception: nonverbal communication.
3.	Asmila C	Attribution-theories of attribution.
4.	Asmitha K K	Attitude: definition, formation and change of attitudes.
5.	Athira K A	Social cognition: meaning & definition,
6.	Farhana P	Schemas and heuristics
7.	Fathimathul Jaseeda	Prejudice: definition and characteristics of prejudices
8.	Fathimul Shifana Nazer	Sex and gender, gender identity and gender stereotypes.
9.	Haneena P	Social influence- types of social influence, compliance techniques
10.	Hifa Shoukath	Pro-social behavior. - factors and determinants.
11.	Himavarsha Karthikeyan	Aggression- factors and determinants.
12.	Jesna Jose	Propaganda: definition, psychological basis and techniques. Counteracting misleading propaganda
13.	Jilna Elizabeth Mathew	Collective behavior: characteristics of audience & crowd. Classification of crowd and audience.
14.	Jincina C K	Definition, characteristics and determinants of mental health.
15.	Kavya Ramesan C K	Mental health issues in the contemporary society- alcoholism
16.	Mohammed Salah K M	Mental health issues in the contemporary society- drug addiction
17.	Mohsena Mohammed	Mental health issues in the contemporary society- suicide
18.	Muhammad Ammar Thangal B K	Adjustment disorder
19.	Mursil P P	Post-traumatic stress disorder
20.	Nazla Nizar	Specific phobias
21.	Ramsy Shajahan	Social phobias
22.	Raneen Arif	Generalized anxiety disorders
23.	Sainabi T K	Autism spectrum disorders
24.	Sarath Dev J P	Conduct disorders
25.	Shabna C M	Attention deficit hyperactivity disorder
26.	Sherin Thomas	Learning disability
27.	Soumya Pradeep K	Intellectual disability

MSW SEMESTER II

SOW₂ C 10: THEORY AND PRACTICE OF COUNSELLING

ASSIGNMENT AND PRESENTATION SCHEDULE

SL.NO:	NAME OF STUDENT	ASSIGNED TOPIC	ORDER PRESENTATION
1	AKHILA MARTIN K	COUNSELLING FOR SUBSTANCE ABUSE AND ADDICTION	23
2	ANANDHU BABU	COUNSELLING IN WORKPLACE	22
3	ASMILA C	COUNSELLING FOR ELDERLY	21
4	ASMITHA K K	COUNSELLING SERVICES FOR CHILDREN AND ADOLESCENTS	20
5	ATHIRA K A	COUNSELLING IN THE CONTEXT OF HIV/ AIDS	19
6	FARHANA P	STRESS MANAGEMENT	18
7	FATHIMATHUL JASEEDHA	GRIEF COUNSELING	17
8	FATHIMUL SHIFANA NAZER	GENETIC COUNSELLING	16
9	HANEENA P	CRISIS AND TRAUMA COUNSELING	15
10	HIFA SHOUKATH	CAREER COUNSELLING	14
11	HIMAVARSHA KARTHIKEYAN	MARRIAGE AND FAMILY COUNSELLING	13
12	JESNA JOSE	CODE OF ETHICS AND LEGAL AND ETHICAL ASPECTS OF COUNSELING	12
13	JILNA ELIZABETH MATHEW	COUNSELLOR AS A PROFESSIONAL	11
14	JINCINA C K	NON-VERBAL SKILLS	10
15	KAVYA RAMESAN C K	SKILLS AND TECHNIQUES OF COUNSELLING	9
16	MOHAMED AMMAR THANGAL B K	PERSONAL QUALITIES OF AN EFFECTIVE COUNSELLOR	8
17	MOHAMMED SALAH K M	ATTITUDES AND SKILLS REQUIRED FOR THE STAGES OF COUNSELING (2 nd half)	7
18	MOHSENA MOHAMMED	ATTITUDES AND SKILLS REQUIRED FOR THE STAGES OF COUNSELING (1 ST half)	6
19	MURSIL P P	COUNSELLING STAGES	5
20	NAZLA NIZAR	ELEMENTS IN COUNSELLING	4
21	RAMSY SHAJAHAN	CONCEPTS-SIMILARITIES & DIFFERENCES	3
22	RANEEN ARIF	TYPES OF COUNSELING	2
23	SAINABI T K	COUNSELLING: DEFINITION NEED AND SCOPE	1
24	SARATH DEV J P	MINDFULNESS BASED STRESS REDUCTION	26
25	SHABNA C M	ECLECTIC APPROACH IN COUNSELLING	27
26	SHERIN THOMAS	SOLUTION FOCUSED BRIEF THERAPY	25
27	SOUMYA PRADEEP K	STRENGTHS BASED APPROACH	24

**WMO Arts & Science College, Muttill, Wayanad
Department of Social Work**

**MSW Semester II
SOW2 C06: Social Case Work
Assignment**

Deadline : 25/07/2022, Monday, 10 am

Words (pages) : 2000- 2500 (4-5)

Mode of submission : offline, written
hardcopy

Mandatory Content : face sheet, table of content, introduction, body: concepts, application and other relevant information, conclusion, reference in APA format (minimum 4 references)

Sl no	Name of the student	Topic
1.	Akhila Martin K	History and Development of Social Case Work in UK
2.	Anandhu Babu	History and Development of Social Case Work in USA
3.	Asmila C	History and Development of Social Case Work in India
4.	Asmitha K K	Tools used in social case work: listening, observation
5.	Athira K A	Tools used in social case work: home visits, interview - nature purpose and principles
6.	Farhana P	Recording: importance, principles, Narrative Recording
7.	Fathimathul Jaseeda	Recording: Summary Recording
8.	Fathimul Shifana Nazer	Recording: Verbatim Recording
9.	Haneena P	Environmental modification, Enhancing social support systems
10.	Hifa Shoukath	Direct treatment - Counselling techniques – guidance, clarification, ventilation, psychological, support
11.	Himavarsha Karthikeyan	Direct treatment - Counselling techniques - reassurance, confrontation, accreditation, suggestion
12.	Jesna Jose	Enhancing the client's problem solving - assertiveness
13.	Jilna Elizabeth Mathew	Enhancing the client's problem solving - Stress management
14.	Jincina C K	Enhancing the client's problem solving - social skills
15.	Kavya Ramesan C K	Theoretical approaches relevant to case work: Psychoanalytical
16.	Mohammed Salah K M	Theoretical approaches relevant to case work: Psychosocial
17.	Mohsena Mohammed	Theoretical approaches relevant to case work: Diagnostic approaches.
18.	Muhammad Ammar Thangal B K	Theoretical approaches relevant to case work: Functional approaches.
19.	Mursil P P	Models of Casework Practice: Social diagnostic (Richmond),
20.	Nazla Nizar	Models of Casework Practice: Supportive and modificatory (Hamilton)
21.	Ramsy Shajahan	Models of Casework Practice: Problem solving (Perlman)
22.	Raneen Arif	Models of Casework Practice: Crisis intervention (Rappaport)
23.	Sainabi T K	Models of Casework Practice: Classified treatment method (Florence Hollies)
24.	Sarath Dev J P	Models of Casework Practice: Competence based approach (Elleen Grabrill)
25.	Shabna C M	Case management: definition, philosophy, components- Assessment, planning
26.	Sherin Thomas	components of case management - facilitation, care coordination, evaluation
27.	Soumya Pradeep K	components of case management - advocacy, referral, resource management

SOW3 C 11: Quantitative and Qualitative Methods for Social Work Research

Assignment

Dead line for submission : 4/10/2021, 10 am
Method of submission : handwritten hardcopy (Fathima Suhara P V can submit typed hard copy if it is required)

Sl no	Name of the student	Topic
1.	Afsal T K	Scientific Research and social work: - Meaning of research, Social work research – aims and significance.
2.	Aiswarya V G	Types of Research- evaluative research
3.	Anagha E	Types of Research- participatory research
4.	Anagha Gopan	Types of Research- action research
5.	Annie Varghese	Qualitative Research, Nature of Qualitative Research
6.	Ashma Raveendran	Methods of collecting qualitative data- Interviews
7.	Dilfehana	Methods of collecting qualitative data- Focus groups
8.	Fasna M K	Methods of collecting qualitative data- Observation
9.	Fasna V V	Methods of collecting qualitative data- Case study
10.	Hilal Salih	Methods of collecting qualitative data- Ethnography
11.	Jibinsha Gafoor	Methods of collecting qualitative data- PRA and other forms
12.	Junaid P P	Nature and purpose of statistics – use of statistical methods and limitations of statistics in social work research.
13.	Majida K	Tabulation of data – purpose and basis of classification
14.	Muhammed Sufiyan T K	Frequency distribution-construction of frequency tables
15.	Nishad K C	Graphic and diagrammatic presentation of data - Bar chart
16.	Shahma C P	Graphic and diagrammatic presentation of data- Pie chart
17.	Shimol Baby	Graphic and diagrammatic presentation of data - Histogram
18.	Sona Jasmin P P	Graphic and diagrammatic presentation of data- Frequency curve and ogive
19.	Fathima Suhara P V	Normal distribution

**WMO Arts & Science College, Muttil, Wayanad
Department of Social Work**

**MSW Semester III
SOW3 E1 02: Social Work in Mental Health Settings**

Assignment

Sl no	Name of the student	Topic
1.	Aiswarya V G	Psychiatric social Work- Definition, historical development, Psychiatric Social Work in India
2.	Anagha E	Social work practice competencies in mental health recovery
3.	Anagha Gopan	Psychosocial interventions - preventive, promotive and curative rehabilitative.
4.	Annie Varghese	Prevention of mental disorders, coping with mental illness, reducing stressors and enhancing resilience. Strengthening social support system.
5.	Ashma Raveendran	Multi-disciplinary team approach in the treatment of psychiatric illness. Role and functions, of psychiatric social worker in the team.
6.	Dilfehana	Social workers in clinical settings: hospitals-adult and child psychiatry
7.	Fasna M K	Social workers in clinical settings: aftercare centres, half way homes, sheltered workshop
8.	Hilal Salih	Social workers in clinical settings: de addiction centres, crisis intervention in emergency settings
9.	Jibinsha Gafoor	Psychiatric rehabilitation, definition, principles and strategies, treatment and after care of mental patients, psychiatric social worker in psychiatric rehabilitation settings.
10.	Majida K	Psychiatric social worker in the field of community mental health.
11.	Nishad K C	Mental Health situation in India (refer: national mental health survey 2016)
12.	Shahma C P	community psychiatry
13.	Shimol Baby	National Mental Health Policy& Programmes and other projects.
14.	Fathima Suhara P V	Present status of psychiatric social work in India, importance of higher education in the field of psychiatric social work in India. Future trends in psychiatric social work, Problems and Challenges in developing the field of psychiatric social work in India.
15.	Nishad	CBS and eating disorder

WMO ARTS AND SCIENCE COLLEGE, MUTTIL-WAYANAD

DEPARTMENT OF SOCIAL WORK

Elective 1 -Medical and Psychiatric Social Work

SOW3 E1 01: Health Care Social Work

Assignment and presentation schedule

SL.NO:	NAME OF STUDENTS	ASSIGNED TOPICS
1	AISWARYA V G	Acute and chronic care, pediatric setting
2	ANAGHA E	Community care, chronic disease management
3	ANAGHA GOPAN	Geriatric health care, palliative care
4	ANNIE VARGHESE	Values, Ethical dilemmas, Role conflicts, Self determination and confidentiality
5	ASHMA RAVEENDRAN	End of life care, hospice care, death and dying
6	DILFEHANA	Motivational enhancement therapy, relapse prevention
7	FASNA M K	Hiv/aids, bereavement
8	FATHIMA SUHARA P V	Cyber addiction, substance use disorders
9	HILAL SALIH	Std, end stage renal disease- psycho-social aspects
10	JIBINSHA GAFOOR	Change theory perspective, harm reduction approach
11	MAJIDA K	Reproductive health and family health
12	NISHAD K C	Medico-legal issues, patients' rights and responsibilities
13	SHAHMA C P	Psycho-social impact of cancer, oncology social work
14	SHIMOL BABY	Primary health care, Adolescent health

DEPARTMENT OF SOCIALWORK
WMO ARTS AND SCIENCE COLLEGE MUTTIL, WAYANAD
3rd SEMESTER ASSIGNMENT TOPIC ALLOCATION
PARTICIPATORY PROJECT PLANNING AND TRAINING

SL NO	Name of the Candidate	TOPICS
1	AFSAL T K	Monitoring, evaluation, - meaning and definition, Need for M& E, challenges
2	AISWARYA V G	supervision, review- meaning and definition
3	ANAGHA E	key data collection tools for M & E- MSC (most significant change) Case study, interviews, stories, life history and interviews.
4	ANAGHA GOPAN	key data collection tools for M & E CONTINUES..stories, life history and interviews.
5	ANNIE VARGHESE	Measurement of outcomes/Impact assessment,
6	ASHMA RAVEENDHRAN	Preparation of monitoring and evaluation reports
7	DILFEHANA	key M & E activities, Baseline and Endline studies, process documentation,
8	FASNA M K	key M & E activities CONTINUES..output tracking & outcome monitoring
9	FASNA V V	Various Models and methods of M&E like PME, Gap analyses ,Social auditing
10	FATHIMATH SUHARA P V	Identification of beneficiaries
11	HILAL SALIH	Various Models and methods of M&E CONTINUES.. Public relations and marketing of social projects, Social Entrepreneurship
12	JIBINSHA GAFOOR	Resource mobilization- sources and strategies
13	JUNAID P P	Post –training phase: Monitoring and evaluation – types, methods, Follow up of training and report writing
14	LATHEETHA NASRIN P	
15	MAJIDA K	Pre-training phase CONTINUES.. Identifying and sequencing content, choosing methods, developing modules, readers.
16	MUHAMMED SUFIYAN T K	Pre-training phase: designing- conducting training needs assessment, formulation of objectives.
17	NISHAD K C	Social work and participatory training - significance.

18	SHAHMA C P	Adult learning, Principles of adult learning
19	SHIMOL BABY	conventional training ,Difference between conventional training and participatory training.
20	SONA JASMIN P P	Participatory training- Significance, principles and Philosophy

DEPARTMENT OF SOCIALWORK

WMO ARTS AND SCIENCE COLLEGE MUTTIL, WAYANAD

3rd SEMESTER ASSIGNMENT TOPIC ALLOCATION

SP2.URBAN COMMUNITY DEVELOPMENT AND GOVERNANCE

SL.No	NAME OF STUDENTS	TOPIC
1.	AFSAL T K	Urban poverty :Magnitude, causes and implications, manifestation of poverty
2.	AFSAL T K (Additional assignment)	Challenges in developing partnership between elected bodies, bureaucracy and civil society
3.	FASNA V V	Committees and their functions in Urban LSG,Ward committee and citizen participation
4.	JUNAID P P	Types of urban Local Self-government in India-Municipal corporation,Municipal Council/Nagar palika,Source of Revenue,Structure,power and functions
5.	MUHAMMED SUFIYAN T K	74 th constitutional amendment and role of Urban LSG bodies in Urban development
6.	MUHAMMED SUFIYAN T K (Additional assignment)	History of Urban Local Self Government in India
7.	SONA JASMINE	Livelihood issues: employment, growth of informal sector_causes,historical review-informalisation and casualization

Department of Social Work

MSW Semester IV

SOW4 E1 03: Therapeutic Approaches in Medical and Psychiatric settings

Assignment

Sl no	Name of the student	Topic
1.	Aiswarya V G	Behaviour therapy- Techniques based on classical conditioning, operant conditioning and observational learning in psychiatric settings
2.	Anagha E	Behaviour therapy- use of Systematic de sensitization, Exposure and Response prevention therapy in psychiatric settings
3.	Anagha Gopan	Rational Emotive therapy (Albert Ellis), Beck's Cognitive therapy
4.	Annie Varghese	Reality therapy (Glasser), Person- centred therapy (Rogers)
5.	Ashma Raveendran	Gestalt therapy (Fritz Pearls). Logo therapy (Frankl)
6.	Dilfehana	Transactional Analysis (Eric Berne), Supportive psychotherapy
7.	Fasna M K	Interpersonal psychotherapy (IPT), Brief psychotherapy
8.	Hilal Salih	Occupational therapy, Play therapy
9.	Jibinsha Gafoor	Crisis intervention, Therapeutic community
10.	Majida K	Art therapy, Music therapy
11.	Nishad K C	Dance movement therapy, Laughter therapy
12.	Shahma C P	Neuro linguistic programming. Solution focused therapy
13.	Shimol Baby	Yoga and meditation, mindfulness-based stress reduction
14.	Fathima Suhara P V	Motivational Enhancement Therapy

ELECTIVE 1 - MEDICAL AND PSYCHIATRIC SOCIAL WORK

SOW4 E1 04: SOCIAL WORK PRACTICE WITH FAMILIES



SL.NO:	NAME OF STUDENT	ASSIGNED TOPIC	ORDER OF PRESENTATION
1	AISWARYA V G	FAMILY COUNSELLING CENTERS- PREMARITAL, MARRIAGE AND FAMILY COUNSELING	14
2	ANAGHA E	CULTURALLY SENSITIVE PRACTICE	13
3	ANAGHA GOPAN	GENDER SENSITIVE PRACTICE	12
4	ANNIE VARGHESE	DIFFERENT PHASES OF FAMILY SOCIAL WORK	11
5	ASHMA RAVEENDRAN	PRACTICE OF FAMILY SOCIAL WORK	10
6	DILFEHANA	FAMILY COUNSELLING AND FAMILY THERAPY – SIMILARITIES AND DIFFERENCES	9
7	FASNA M K	ASSUMPTIONS - PRINCIPLES FAMILY SOCIAL WORK	8
8	FATHIMA SUHARA P V	MC MASTER MODEL	7
9	HILAL SALIH	GENOGRAM, ECOMAP	6
10	JIBINSHA GAFOOR	VARIATIONS AFFECTING FAMILY LIFE CYCLES	5
11	MAJIDA K	FAMILY LIFE CYCLE – DEVELOPMENTAL STAGES OF FAMILY	4
12	NISHAD K C	TRENDS IN MARRIAGE & FAMILY AND EMERGING FAMILY PROBLEMS	3
13	SHAHMA C P	FUNCTIONS OF FAMILY, QUALITIES OF SUCCESSFUL FAMILIES	2
14	SHIMOL BABY	DEFINITION OF MARRIAGE AND FAMILY, TYPES OF FAMILY	1



7. CAMPS / FIELD SURVEYS

COMMUNITY PROGRAM REPORT

INTRODUCTION

Social Work trainees conducted a survey at Parakkuni and Ariyannur colony by using a questionnaire, as per the survey, it aims to know the social issues and educational status among the adolescent children. According to the data, it has been found that the majority of the respondents are drop outs and don't want to go to School due to laziness, lack of support from family and some financial issues.

And social work trainees conducted an awareness session and a focus group discussion called 'Nukaram pakaram arivekam' for the adolescent children and mothers on the importance of education, extra-curricular activities and prevention of drug addiction and to enhance the capacity participation and skills among the adolescent children.

NEEDS IDENTIFIED

Lack of knowledge about the importance of education is identified as the most of the adolescent children in the colonies are drop outs due to lack of support from family, laziness and some financial issues in their families. Lack of participation among adolescent children in extra-curricular activities even though they have their own skills and capacities. Use of drug addiction is also identified among the men and women in the colony.

PRIORITIZED THE NEED

According to the needs identified from the community, social work trainees focused on the lack of knowledge about the importance of education, lack of participation among adolescent children in extra-curricular activities and on the prevention of drug usage.

RATIONALE OF THE PROGRAM

According to the survey conducted, Social work trainees with this session intended to make people aware about the importance of education, enhance the extra-curricular activities so as to give assistance and support in career aspirations of rural youth and also to participate in group discussions.

PROGRAM SCHEDULE:

1. **Welcome speech.** : Haneena P (Social work student)
2. **Inauguration** : Mrs Asiya, (Panchayat President)
3. **Presidential address:** Mrs Binitha (CDPO)
4. **Felicitation** : Mrs Sheeja K (Anganwadi Worker, Kumbaratheruvu), ASHA worker
5. **Awareness Session** :Albin Tomy, (MSW, project coordinator)
6. **Focus group discussion:** facilitator- Haneena, notetaker- Sherin Thomas (Social work students)
7. **Vote of thanks** : Mr Anandhu Babu (Social work student)

PRE PROGRAM PLANNING

Social work trainees planned to conduct an awareness program and focus group discussion for the adolescent children and mothers on the basis of the needs identified. For this purpose, social work trainees arranged a hall which is 'pakal veed' to conduct the program and created posters to publicize the program. Trainees decided on the name for the program, that is, **nukaram pakaram arivekam**'. Trainees also created a banner to set up at the venue. Trainees invited the Panchayat president, block panchayat member, CDPO, ICDS officers, CDS officers and also the community people. Trainees organized the resource person who is Mr Albin Tomy (MSW, project coordinator) to lead the session. Trainees then decided on the people to coordinate the program, welcome speech by Ms. Haneena P, anchoring by Ms sherin Thomas and vote of thanks by Mr Anandhu Babu.

DETAILS OF THE PROGRAM

OBJECTIVE

To make the adolescent children and mothers aware of the importance of education and enhance the extra-curricular activities and prevention of drug addiction and to give assistance and support in career aspirations of rural youth.

OUTCOME EXPECTED

To make the adolescent children and mothers aware of the importance of education and extra-curricular activities through awareness session in order to make the adolescent children pursue their higher education with the provision of assistance and support in career aspirations by ensuring their participation through enhancing their extra-curricular activities.

Through focus group discussion, its objective is to gather the community individuals together to discuss a specific topic, stimulating an informal discussion with participants to understand their perceptions, beliefs, fears, information, needs etc. This will motivate them to provide their opinion freely.

EVALUATION

- Social work trainee got a chance to conduct a community program
- The program was conducted successfully by the trainees.
- There were good participation of community people
- It will be very effective, if the program was conducted on the working days
- The participants were shy at the initial period to exhibit their talents and capacities but afterwards, the majority of them performed well.

LEARNING POINTS

- Social work trainees learned to organize a program in an effective manner.
- Trainee learned to manage a program properly within limited period

- Trainee improved the principle of acceptance as the trainee accepted everyone equally.

FINANCIAL STATEMENT

To conduct this program, a total of Rs.1955/- was spent.

INCOME	SOURCE	EXPENSE
Rs.1500/-	Trainees	Rs.210/-
Rs. 435		

APPENDICES

8. CASE STUDY

INTRODUCTION:

Health is a complete state of well being. Health is a state of complete physical, mental and social well-being and not merely the absence of disease or infirmity. The enjoyment of the highest attainable standard of health is one of the fundamental rights of every human being without distinction of race, religion, political belief, economic or social condition (WHO). When a person has a problem in any of the aspect of the life it affects the psychological factor which make them different from other people in the society. For the proper function of the body the entire factor that surrounded by the person should be in a friendly manner. Every aspect of the life is linked together. Even when there had a problem in the childhood it affects the personality when he/ she is grown. Everything that an individual is surrounded is important to the better living of the person. The environment where the person is living is very much important for the better living, for the better psychological, physiological, social growth. If the person had some sort of disturbance, it would easily affect the psychological domain of the person. Schizophrenia, mania, bipolar disorder, sexual disorder, OCD, anti-social personality etc are the result of the disturbance in the psychological factors with respect to the environment the person is living.

Case vignette

the case is that, 30-year-old women tried to take life by herself. The main problem that women is being faced is that her husband is a drunkard, due the alcohol consumption that person will make a problem in the family. This woman is a victim of regular domestic violence. She had past history of the suicide attempt but she was interrupted by her friend who heard a noise and came in the wrong situation. Feels like she is hopeless, inability to relax and says that her life has "no purpose" as she is not able to provide good education for her children. She is also a bread winner to the family. She works as housemaid but she finds it difficult to meet the ends. She wants her children to get good education, but may be because of the situation she is unable to give proper education to the children. May be because the financial background of the family is poor. The current cause of the suicidal attempt was due the argument with her spouse about the bank notice that indicates that their house which is mortgaged will be attached next month if the EMIs are not settled.

By seeing this case, I feel like the women is undergoing through a depression which clearly indicates hopeless, feeling low, inability to relax, she feels like her life has no purpose and also, she tried to suicide two times. The chance for the next suicidal attempt is also high. The

depression that is caused due the regular domestic violence which is being faced in her life. For making sure that the person is currently undergoing through depression, the severity of the depression or the range of the depression needed to be assessed. The tools that are used to assess the depression are

1. Beck Depression Inventory (BDI): it can be used for ages 13 to 80.
2. Centre for Epidemiologic Studies Depression Scale (CES-D): it can be used for children as young as 6 and through older adulthood.
3. EQ-5D: There is a version for adults (age 16 and older) and the EQ-5D-Y for children/adolescents (8 to 15 years).
4. Hamilton Depression Rating Scale (HAM-D)
5. Montgomery-Åsberg Depression Rating Scale (MADRS): Measures severity of depression in individuals 18 years and older.

By the help of these scales, we can check if there is any depression and the depressions severity.

There are different studies that shows the relation between the depression and the domestic violence. The victim of the domestic violence later results with the depression. Depression is a common mental disorder. Globally, it is estimated that 5.0% of adults suffer from depression. Depression is a leading cause of disability worldwide and is a major contributor to the overall global burden of disease. More women are affected by depression than men. Depression can lead to suicide. There is effective treatment for mild, moderate, and severe depression (WHO). Domestic violence can be broadly defined as any behaviour that is violent, abusive, or threatening in nature among adults who are relatives or partners/ex-partners. Domestic violence is a major human right and public health problem which can have physical as well as mental health-related adverse effects.

Mazhar Malik, Nargis Munir, M. Usman Ghani and Nasir Ahmad (2021) entitled as Domestic violence and its relationship with depression, anxiety and quality of life: A hidden dilemma of Pakistani women. This co-relational study was conducted in Rawalpindi Institute of Health Sciences from January 2019 to December 2019. All the females' patients who were the victim of domestic violence were the population of the study. Consecutive non-probability sampling technique was used for selection of sampling from the target population. The inclusion criterion for this study was diagnosed case of domestic violence. DASS 21 (The Depression, Anxiety and Stress Scale) and Quality of life (WHO) scales were administered to 116 patients. The

study's key results were that domestic abuse has positive relationship with depression, anxiety, and stress. It was also found that domestic abuse has a negative relationship with quality of life of those who have been subjected to domestic violence of this sort. It was concluded that domestic violence whether verbal, physical, emotional or sexual has strongly affects the mental health and quality of life of abused women.

This study states that any type of domestic violence can affect the mental health of the abused women or the victim. There are several other studies that shows the relation between the domestic violence and the depression.

Treatment for the depression:

The method that I would like to use for the depression is rational emotive behavioural therapy (REBT). Rational emotive behavioural therapy (REBT) is a short-term talk therapy that helps you recognize negative thoughts and feelings, examine them to see how rational they are, and replace them with healthier, more positive beliefs. After you identify and understand unhealthy thoughts and actions, you can change and replace them for the better.

The principle that is used in the REBT are:

- Recognizing problem-solving skills
- Addressing negative thought patterns
- Learning better ways to cope

Depression is an illness characterized by negative thinking and feelings of low self-esteem. When you learn skills to help you think more clearly and act more constructively, you make better decisions in the present, but you also carry the skills into the future. That helps to keep the mood disorder from coming back and is especially important if you have recurring bouts of depression. REBT for depression operates on the principle that it's not what happens to us that causes our problems. Instead, it's the way we think about it that leads to difficulties. REBT helps with all kinds of emotions, including anger, anxiety, guilt and depression.

This is focused only on depressive person. But in this situation not only the depressive patient should be treated but the treatment should need to be done along with the counselling session with the partner. Spouse is alcohol addict. As far the spouse consumes the alcohol in the life the chance of the domestic violence occurrence in that family is also high. Even is the depression is treated but the individual has to live her live with the spouse so the chance of relapse to the depression is high and the suicide attempt is also high. So there should need to

have a proper intervention with the spouse regarding the alcohol consumption. If the person is able to stop consuming the alcohol the chance of the relapse to the depression is low. Before all the intervention a proper psychoeducation should need to be given for the entire family to understand the situation and the severity of the disorder.

CONCLUSION:

Depression is one of the disorders that are seen mostly among women. When it comes to the victims of the domestic violence the chance increases. Victim of a violence shows a depressive character which is formed cause of the impact of the situation in the psychological domain. There are many studies that shows the relation between depression and the domestic violence. In this case the individual shows the character of the depression disorder which is caused by the regular domestic violence. For this disorder the treatment are of different types like cognitive behavioural therapy, rational emotive behavioural therapy, supportive psychotherapy etc.. . With the help of these therapies the depression can be solved.

REFERENCE:

- Malik, M., Munir, N., Ghani, M. U., & Ahmad, N. (2021). *Domestic violence and its relationship with depression, anxiety and quality of life: A hidden dilemma of Pakistani women. Pakistan journal of medical sciences, 37(1), 191–194.* <https://doi.org/10.12669/pjms.37.1.2893>
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- Centers, H. F. (2021, May 19). *Types of Therapy For Depression. High Focus Centers.* <https://highfocuscenters.pyramidhealthcarepa.com/types-of-therapy-for-depression/>
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- Depression NHS website. (2022, May 26). *Treatment - Clinical depression. Nhs.Uk.* <https://www.nhs.uk/mental-health/conditions/clinical-depression/treatment/>
- Rational Emotive Behavioral Therapy (REBT) for Depression. (2022). Pulse. <https://pulsetms.com/treatment/rebt/>

- World Health Organisation. *World Report on Violence and Health. WHO. [Last cited on 2016 May 23]. Available from:* http://www.who.int/violence_injury_prevention/violence/world_report/en/

Internal examination

Therapeutic Approaches in Medical and Psychiatric Settings

Case vignette

A 30-year-old woman is brought to emergency department of a hospital by her neighbour with alleged history of attempting to end her life by overdosing with sleeping pills. On questioning, she reveals a history of domestic violence at the hands of her husband who consumes alcohol regularly. Currently, she endorses feeling low, hopeless, inability to relax, and says that her life has “no purpose” as she is not able to provide good education for her children. She works as a housemaid but finds it difficult to make ends meet. She had attempted to end her life a year ago through hanging but was interrupted by her friend who heard a noise and came in at the “wrong” time. Current attempt was precipitated by an argument with her spouse about a bank notice indicating that their house which is mortgaged will be attached next month if the EMIs are not settled. Upon interviewing, she reports feeling suicidal and says “It was a cruel turn of fate that I survived the attempt”.

Task for assignment

1. Make your own conceptualization for this case vignette using any theoretical model.
2. Make case management plan using the theoretical model you have made (task 1) and different therapies you have studied in the paper ‘Therapeutic Approaches in Medical and Psychiatric Settings’


ALL THE BEST

9. TEACHERS CREATED E-CONTENTS

Project Planning Cycle

ABDUL NIZAR M M
ASSISTANT PROFESSOR
DEPARTMENT OF SOCIAL WORK
WMO ARTS AND SCIENCE COLLEGE MUTTIL

PROJECT LIFE CYCLE
Enter your sub headline here



1. **Project (problem) Identification**
2. **Project Preparation**
3. **Project Appraisal**
4. **Project Implementation**
5. **Project Control and Monitoring**
6. **Project Evaluation**

Project (problem) Identification

- Project ideas emanate from the problem, potential and the needs of the people of that area

Project Control and Monitoring

- Controlling and monitoring is complementary to the planning process. Once execution of the project commences, control over the progress has to be exercised in order to complete the project by the stipulated period.
- Control involves comparing at regular interval the actual achievement with the desired achievements of the original plan

Project Evaluation

- Evaluation is necessary for the purpose of public accountability, and decision making

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SOCIAL GROUP WORK

ABDUL NIZAR M M
Assistant Professor
Department Of Social Work

- ▶ Doubloon R. Forsyth-A group is defined as two or more individuals who are connected to one another by social relations.⁴
- ▶ Wendell L. French –A group is a number of persons , usually reporting to a common superior and having some face to face interaction, who have some degree of interdependence in carrying out tasks for the purpose of achieving organizational goals.

Characteristics of Groups

- ▶ Size: To form a group, it must be having at least two members. Practically, the number of group members ranges from 15 to 20. The more the members in the group, the more complex it is to manage.
- ▶ Goals: Every group has certain goals that are the reasons for its existence.
- ▶ Norms: A group has certain rules, for interacting with the group members.
- ▶ Structure: It has a structure, based on the roles and positions held by the members.
- ▶ Roles: Every member of a group has certain roles and responsibilities, which are assigned, by the group leader.
- ▶ Interaction: The interaction between the group members can occur in several ways, i.e. face to face, telephonic, in writing or in any other manner.
- ▶ Collective Identity: A group is an aggregation of individuals, which are separately called as members, and collectively called as a group.

PRIMARY GROUP

It is nucleus of all social organisations.it is a small group in which a small number of persons come into direct contact with one another. They meet face to face for mutual help, companionship and discussion of common question e.g. family, friend

MODULE - V

FAMILY LIFE EDUCATION - FLE

According to Levin – an educational program geared to enrich family life and help the individual better understanding him in relation to others.

One comprehensive and attractive approach perceives family life education as catering for individual needs leading to personal growth and enabling the individual to function as a responsible member of the family and society (A curriculum on family education for youth organization prepared by Malaysia Federation of Family Planning Association, 1985)

- o Financial planning
- o Pre-marital education
- o Sex education
- o Reproductive health
- o Family planning
- o Ethics
- o Value education
- o Life skill education
- o Family resource management

Goals –

1. To prepare the individuals for family life (assisting youth in preparing for responsible parenthood)
2. To understand the importance of marriage
3. To enrich and improve the quality of individual and family life

Prepared by Suhan Shihab, Assistant Professor, Department of Social Work

The image shows a presentation slide titled "GESTALT THEORY" by Frederick S. Perls, M.D. The slide content is as follows:

- Gestalt therapy is a humanistic, holistic, person-centered form of psychotherapy
- It focused on an individual's present life and challenges rather than delving into past experiences.
- This approach stresses the importance of understanding the context of a person's life and taking responsibility rather than placing blame.

Below the main text, there are two smaller bullet points:

- The German word Gestalt - organized whole
- Gestalt therapy focuses on what is occurring in the present and is based on understanding a person's life in their current environment.

On the right side of the slide, there is a larger text box containing a summary of the key points:

- Gestalt therapy is a **humanistic, holistic, person-centered** form of **psychotherapy**
- It focused on an **individual's present life** and challenges rather than delving into past experiences.
- This approach stresses the importance of **understanding the context of a person's life** and taking responsibility rather than placing blame.

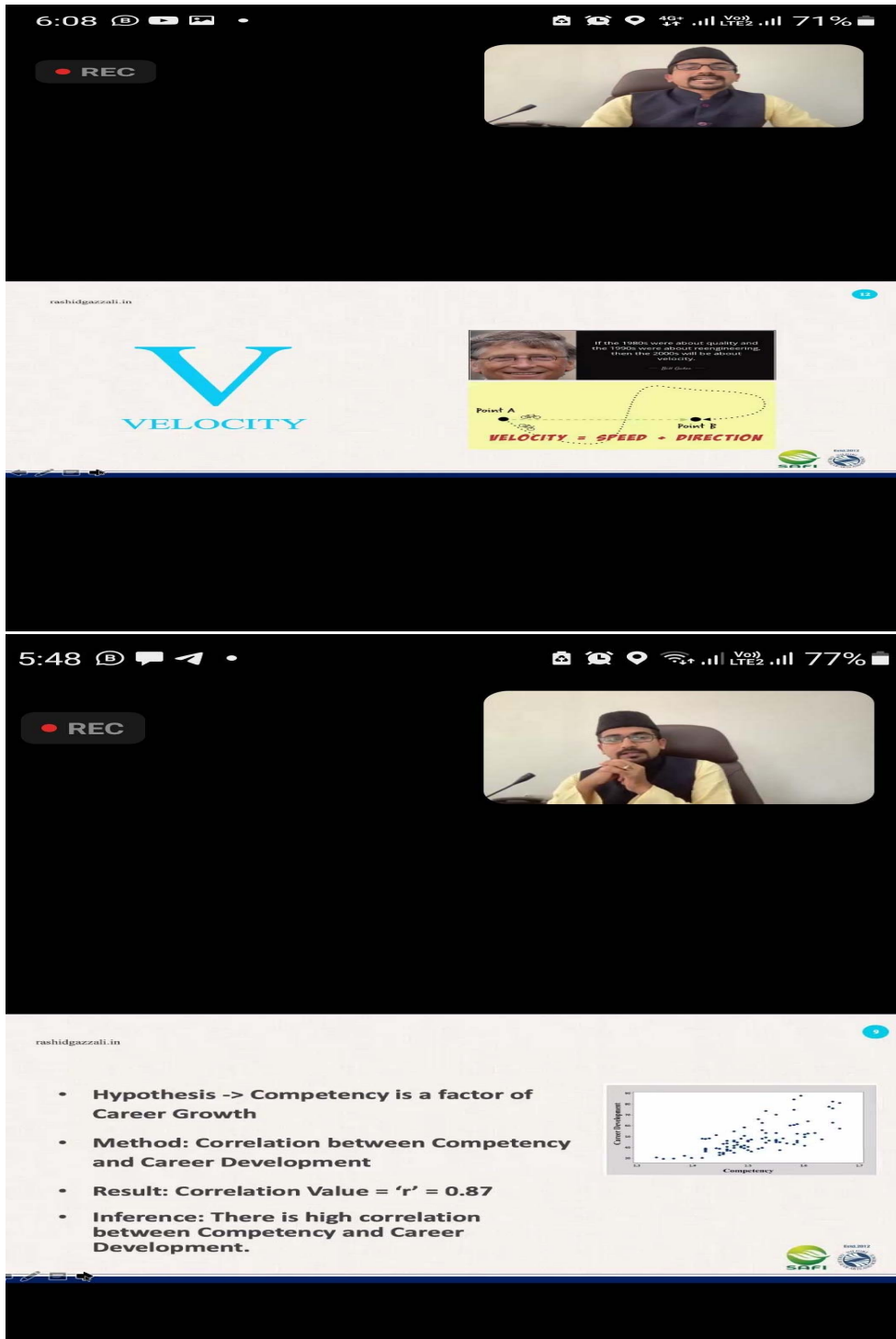
At the bottom of the slide, there is a button that says "Click to add notes".

10. TEACHERS PARTICIPATED IN FDP

The documents shown are the certificates of faculty development program received by attending online sessions for teaching learning methods. The FDP sessions enhanced more productive way in teaching.



The following are the screenshot attachments of the online sessions:



11. ICT FACILITIES IN THE DEPARTMENT

The department of social work have the following equipment/ facilities for easy and convenient teaching and keeping data/ information in soft/hard copy.

Sl. No:	Facilities/ Equipment	Uses	Beneficiaries
1	PROJECTOR	For presentation, movie screening, online session	Students
2	SMART TV	For presentation, movie screening, online sessions	Students
3	LAPTOP	For ppt development, e-content making, pdf, slides, etc.	Students/teachers
4	PC DESKTOP	For department activities	Teachers
5	PRINTER	For department activities	Teachers
6	WIFI	For department activities	Teachers

12. ICT TOOLS USED IN THE DEPARTMENT FOR EFFECTIVE TEACHING LEARNING

The below shown tools are used for research activities, presentations, notification announcement, publishing department level achievements, study material preparations, posting of major and minor events, etc.

1. SPSS FOR SOCIAL WORK RESEARCH
2. POWERPOINT
3. E-MAIL – GOOGLE GROUPS & INDIVIDUAL MAIL
4. VIDEO MAKING
5. INSTAGRAM
6. YOU TUBE
7. FACE BOOK
8. WHATSAPP



DEPARTMENT OF ELECTRONICS

WMO ARTS & SCIENCE COLLEGE

“education and some more”

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

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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**

2021-2022

CONTENTS

1.	ICT Facilities available in the Department
2.	Software Tools Used
3.	E – Contents Developed
4.	Simulations and Virtual Labs
5.	Learning Management System (LMS)
6.	Industrial Visit
7.	Internship
8.	Student Projects
9.	Publications of Students
10.	Webinars
11.	Laboratory Courses
12.	Earn While Learn
13.	Recognition Certificate for IDEA submission on KDISC
14.	Army Attachment Camp
15.	NCC B CERTIFICATE

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 15 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



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website: WWW.wmocollege.ac.in

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

2. Software Tools Used

Sl No.	Faculty	Tools Used
1.	Siby Joseph	WMOC E-Space
		Google Class Room
		Power point
		Google Form
		You Tube
2.	Dr. Nober Thomas Pallath	Google Class Room
		Power point
		Google Form
		You Tube
		Quickln
3.	Abdul Rasheed	WMOC E-Space
		Google Class Room
		Power point
		Google Form
		Quizzis
		Tinker Cad

3. e – Contents Developed

Sl. No.	Faculty	Programme	Course	Type of e-contents developed
1	Siby Joseph	BSc Electronics	Communication System	
		BSc Electronics	Electronic Circuits	Slides
		BSc Electronics	Sensors and Transducers	Slides



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		BSc Electronics	Basic Electronics and Network Theorem	
2	Dr. Nobert Thomas Pallath	MSc Electronics	Soft computing and optimization techniques	Slides
		BSc Electronics	Digital Signal Processing	Slides
3	Abdul Rasheed	BSc Electronics	Microprocessor	
		BSc Electronics	Microcontroller	
4	Dr.Shameena V.A	MSc Electronics	Modern Digital and Optical Communication	
		BSc Electronics	Applied Mathematics	
		BSc Electronics	Microwave	
5	Neethu Mohan	MSc Electronics	Internet of Things	
		MSc Electronics	Applied Mathematics	
		MSc Electronics	Robotics	
		BSc Electronics	Control Systems	
6	R. Sithikraja	MSc Electronics	Biomedical	
		MSc Electronics	Advanced Digital System Design	
		BSc Electronics	Analog Integrated Circuits	
7.	Jithin S	MSc Electronics	Data Communication and Optical fiber	
		MSc Electronics	ADSP	
		MSc Electronics	Biomedical	



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4	Dr. Shameena V A			
5	Sithik Raja			
6	Neethu Mohan			
7	Jithin S			

4. Simulations and Virtual Labs

Second year BSc Electronics students uses open source simulation software LT Spice and CAD tool KiCad for circuit simulation and PCB design in the skill development Lab I and they uses these software for the implementation of mini projects in the fourth semester.



Third year BSc Electronics students uses Scilab for digital signal processing. Second year MSc Electronics students uses Simulink, Matlab for simulating DSP and Communications system experiments.

Apart from this students are made aware of various simulation tools such as tinkercad and Virtual labs available online.

5. 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 Class Room.

List of Teachers developed courses on LMS

Sl. No.	Name of Teacher	Course Developed	LMS Platform
1.	Siby Joseph		Google Class Room
2.	Dr. Nobert Thomas Pallath		Google Class Room
3.	Abdul Rasheed		Google Class Room
4.	Dr. Shameena V A		Google Class Room
5.	Sithik Raja		Google Class Room
6.	Neethu Mohan		Google Class Room
7.	Jithin S		Google Class Room



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6. Industrial Visit

An industrial visit was conducted for the students of 3rd year B.Sc. Electronics at Kerala Startup Mission, Kinfra Hi-Tech Park, Kalamassery, Kochi. During the visit, the students were gained hands-on experience in different prototyping methods like 3D printing, laser cutting, screen printing, PCB designing and fabrication.

The students also went to Ramakkalmedu for sight seeing which is located in Idukki district of Kerala, Ramakkalmedu is one of the popular wildlife destinations and is noted for its hills and also for the panoramic and picturesque views of villages A noticeably tall, pillar-like rocky structure, about 300 m high and facing east is another attraction here.





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7. Internship

Second year M.Sc. Electronics students attended internship at Advanced Center for Atmospheric RADAR Research (ACARR), Cochin University of Science and Technology in April 2022. The ACARR conducts research in atmospheric science in the tropical monsoon area and develops sophisticated observational and modelling capabilities in the troposphere and stratosphere for the accurate prediction of the Indian monsoon system. As a part of the internship, the students got exposed to the current research in the field and carried out their research project work at the ST radar facility.

Sample Internship Certificate

ADVANCED CENTRE FOR ATMOSPHERIC RADAR RESEARCH
അന്തരീക്ഷ റഡാർ ഗവേഷണ നൂതന കേന്ദ്രം
COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY
കൊച്ചി ശാസ്ത്ര സാങ്കേതിക സർവ്വകലാശാല
ST Radar Facility, Cochin - 682 022, India

Ref No.: ACARR/STR/2022-23/035(e) Dated: 11.08.2022

CERTIFICATE

This is to certify that the project report entitled **Evaluation of DBS wind Measurement Technique in different beam configurations for a VHF wind profiler** submitted by **Athila Jasmin**, in partial fulfilment of the requirements for the award of the degree of **Master of Science in Electronics** is a bonafide record of the work carried out at **ST Radar Facility, Advanced Centre for Atmospheric Radar Research, Cochin University of Science and Technology, Cochin** during April 2022 under my supervision and guidance.

Signature of Guide
Rakesh V.

Signature of Director
Dr. Abhilash S.

Advanced Centre for Atmospheric Radar Research
Cochin - 682022
ACARR

Tel: 91-484-2575241 || Fax: 91-484-2575241 || Mobile: +91 9447 197370 || +91 9891 642941 || E-mail: acarr@cusat.ac.in | kmkacarr@gmail.com | abhilasha@gmail.com



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8. Student Projects

Sl. No:	Title of the project	UG/ PG	Name of the student	Name of the supervisor	Institute of the supervisor
1	Evaluation Of DBS Wind Measurement Technique in Different Beam Configurations for a VHF Wind Profiler	PG	Athila Jasmin	Rakesh V	Cochin University Of Science And Technology
2	Evaluation Of DBS Wind Measurement Technique in Different Beam Configurations for a VHF Wind Profiler	PG	JAMEELA K	Rakesh V	Cochin University Of Science And Technology
3	Aspect Sensitivity Measurement of Wind Profiler At 205 MHz Frequency Installed at Cochin Coastal	PG	SHABNA U	Rakesh V	Cochin University Of Science And Technology



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	Region				
4	Performance Evaluation of 3 Beam and 4 Beam Method For Wind Estimation from Wind Profilers	PG	SHADIYA K	Dr. Manoj M G	Cochin University Of Science And Technology
5	Study Of Refractive Index Structure Constant Variation Using 205 MHz Wind Profiler Installed at Cochin During Premonsoon and Monsoon	PG	SWARNA BABU K K	Dr. Manoj M G	Cochin University Of Science And Technology
6	Study Of Refractive Index Structure Constant Variation Using 205 MHz Wind Profiler Installed at Cochin During Postmonsoon and Winter	PG	SREEDEVI T P	Rakesh V	Cochin University Of Science And Technology
7	Performance Analysis of Wind Profiling Radar with Different Tilting Angles	PG	ANUSREE P M	Dr. Manoj M G	Cochin University Of Science And Technology
8	Study On the Variations in Refractive Index Structure Parameters During Post Monsoon and Winter Using GPS Radiosonde Datasets	PG	ARUN M V	Mr. Abdul Rasheed	Cochin University Of Science And Technology
9	Animal Repeller	PG	AYESHA NIHALA	Mr. Sibi Joseph	WMO Arts and Science College, Muttill
10	Obstacle Avoidance Mobile Robot Using Arduino	PG	ABIDA N P	Dr. Manoj M G	Cochin University Of Science And Technology
11	Automatic Weather Monitoring and Soil Irrigation System	UG	Abhilash PM	Mrs. Neethu Mohan	WMO Arts and Science College, Muttill
12	Automatic Weather Monitoring	UG	Apanaya	Mrs. Neethu	WMO Arts and



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	and Soil Irrigation System		Thampy	Mohan	Science College, Muttill
13	Automatic Weather Monitoring and Soil Irrigation System	UG	Harikrishnan T P	Mrs. Neethu Mohan	WMO Arts and Science College, Muttill
14	Automatic Weather Monitoring and Soil Irrigation System	UG	Marjana Farbin	Mrs. Neethu Mohan	WMO Arts and Science College, Muttill
15	Automatic Weather Monitoring and Soil Irrigation System	UG	Muhammed Mufeed M	Mrs. Neethu Mohan	WMO Arts and Science College, Muttill
16	IoT based Forest Fire Detection System	UG	Ashique Assain P K	Mrs. Neethu Mohan	WMO Arts and Science College, Muttill
17	IoT based Forest Fire Detection System	UG	Faisal Asif P	Mrs. Neethu Mohan	WMO Arts and Science College, Muttill
18	IoT based Forest Fire Detection System	UG	Muhammed Ansil	Mrs. Neethu Mohan	WMO Arts and Science College, Muttill
19	IoT based Forest Fire Detection System	UG	Muhammed Fayis O T	Mrs. Neethu Mohan	WMO Arts and Science College, Muttill
20	IoT based Forest Fire Detection System	UG	AVMI Khaleel	Mrs. Neethu Mohan	WMO Arts and Science College, Muttill
21	Gas Leakage Detector	UG	Nishma Sherin	Dr. Nobert Thomas Pallath	WMO Arts and Science College, Muttill
22	Gas Leakage Detector	UG	Rinsha P T	Dr. Nobert Thomas Pallath	WMO Arts and Science College, Muttill
23	Gas Leakage Detector	UG	Shafna Sherin K	Dr. Nobert Thomas Pallath	WMO Arts and Science College, Muttill



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24	Gas Leakage Detector	UG	Shimna Sherin K	Dr. Nobert Thomas Pallath	WMO Arts and Science College, Muttill
25	Design and fabrication of two wheeler security system	UG	Anas Mubarak	Dr. Nobert Thomas Pallath	WMO Arts and Science College, Muttill
26	Design and fabrication of two wheeler security system	UG	Hani Hakkam	Dr. Nobert Thomas Pallath	WMO Arts and Science College, Muttill
27	Design and fabrication of two wheeler security system	UG	Muhammed Musthafa OS	Dr. Nobert Thomas Pallath	WMO Arts and Science College, Muttill
28	Design and fabrication of two wheeler security system	UG	Muhammed Musthafa P	Dr. Nobert Thomas Pallath	WMO Arts and Science College, Muttill
29	Seat Management System in Public Buses	UG	Muhammed Jasim N K	Dr. Nobert Thomas Pallath	WMO Arts and Science College, Muttill
30	Seat Management System in Public Buses	UG	Shabil Ahmmed T	Dr. Nobert Thomas Pallath	WMO Arts and Science College, Muttill
31	Seat Management System in Public Buses	UG	Muhammed Ajnas K P	Dr. Nobert Thomas Pallath	WMO Arts and Science College, Muttill
32	Design and Development of Ultra Sound Radar Using Arduino	UG	Athulya Das	Mr. Abdul Rasheed	WMO Arts and Science College, Muttill
33	Design and Development of Ultra Sound Radar Using Arduino	UG	Diya R B	Mr. Abdul Rasheed	WMO Arts and Science College, Muttill
34	Design and Development of Ultra Sound Radar Using Arduino	UG	Lubaiba Jabin P P	Mr. Abdul Rasheed	WMO Arts and Science College, Muttill
35	Design and Development of Ultra Sound Radar Using	UG	Rinsha V P	Mr. Abdul Rasheed	WMO Arts and Science College,



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	Arduino				Muttill
36	Water level indicator with automatic pumping system	UG	Fadhiya E	Mr. Abdul Rasheed	WMO Arts and Science College, Muttill
37	Water level indicator with automatic pumping system	UG	Najil Umair	Mr. Abdul Rasheed	WMO Arts and Science College, Muttill
38	Water level indicator with automatic pumping system	UG	Jessil Jasim	Mr. Abdul Rasheed	WMO Arts and Science College, Muttill
39	Water level indicator with automatic pumping system	UG	Muhammed Waleed P T k	Mr. Abdul Rasheed	WMO Arts and Science College, Muttill

9. Publications of Students

Sl.No:	Name of the authors	Title	Name of the conference	Date of publication	ISBN
1	Shadiya K, Abdul Rasheed	A Review on Hazards of Mobile Radiation on Human Body	INFOFEST 2021, 11th Annual Interdisciplinary Symposium	31/12/2021	978-81-955890-1-2
2	Arun M V, Dr. Shameena V A	5G Antenna Resign Review and Analysis	INFOFEST 2021, 11th Annual Interdisciplinary Symposium	31/12/2021	978-81-955890-1-2
3	Athila Jasmine, Sithikraja R	A Review on Radars and Aerospace Applications	INFOFEST 2021, 11th Annual Interdisciplinary Symposium	31/12/2021	978-81-955890-1-2
4	Sreedevi T P, Abdul Rasheed and Siby Joseph	A Review on Crack Prediction using Acoustic Emission (AE)	INFOFEST 2021, 11th Annual Interdisciplinary Symposium	31/12/2021	978-81-955890-1-2
5	Anusree P M, Dr Nobert Thomas Pallath	Face Recognition System - A Comprehensive Review	INFOFEST 2021, 11th Annual Interdisciplinary Symposium	30/12/2021	978-81-955890-1-2
6	Shabna U,	Intelligent Traffic light	INFOFEST 2021, 11th	31/12/2021	978-81-



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	Sithikraja R	control system - A review	Annueal Interdisciplinary Symposium		955890-1-2
7	Swarna Babu, Dr Nobert Thomas Pallath	A review on breast cancer detection using Artificial Intelligence	INFOFEST 2021, 11th Annueal Interdisciplinary Symposium	31/12/2021	978-81-955890-1-2
8	Abida N P, Siby Joseph	Retrodirective cross-eye jamming A review	INFOFEST 2021, 11th Annueal Interdisciplinary Symposium	31/12/2021	978-81-955890-1-2
9	Jameela K , Dr. Shameena V A	A Review of Wearable Antennasfor Biomedical Applications	INFOFEST 2021, 11th Annueal Interdisciplinary Symposium	31/12/2021	978-81-955890-1-2

10. Webinars

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.

Title	Resource Person
Webinar on Real Dream Take You Higher	Shameer Kandathil, Chairman and MD Delishus Finland
International Webinar on " What the heck is Biomedical Engineering"	Dr.Nikhila Mary Vijay, Massey University New Zealand
Antenna for modern wireless applications	Muhammed Ameen, Research Scholar, IIT Dhanbad
International Webinar on Opportunities and Trends Abroad	Dr. Jinesh Kallunkathariyil Co-founder, Member of board aiSon Technologies Schlieren, Switzerland
International Webinar on Nanotechnology -Current Trends and Opportunity	Dr. Rinu Abraham M IDEADED S.L, Barcelona, Spain



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REAL DREAM TAKE YOU HIGHER
Presented By
Shameer Kandahil
Chairman and MD
Delishus Finland

WHAT THE HECK IS BIOMEDICAL ENGINEERING
Presented By
Dr. Nikhila Mary Vijay
Massey University
New Zealand

ANTENNAS FOR MODERN WIRELESS APPLICATION
Presented By
Mohammed Ameen
Ph.D. Research scholar
IIT Dhanbad

NANOTECHNOLOGY CURRENT TRENDS AND OPPORTUNITIES
Presented By
Dr. Rinu Abraham
Physicist and Material Scientist
Pennsylvania State University,
USA

OPPORTUNITIES AND TRENDS ABROAD
Presented By
Dr. Jinesh Kallunkathariyil
Expert in 3D ultra sound Imaging
ML, Medical Device Development



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11. Laboratory Courses

Sl. No.	Programme	Semester	Course	Hour per week
1	MSc Electronics	I	Application-Based Programming in Embedded C and Python	5
2	MSc Electronics	II	Embedded System Lab	5
3	MSc Electronics	III	Communication and DSP lab	5
4	BSc Electronics	I	Basic Electronics and Network Theorems Lab	1
5	BSc Electronics	II	Electronic Circuits Lab	1
6	BSc Electronics	III	Digital Electronics Lab	2
7	BSc Electronics	III	Skill Development Lab I	1
8	BSc Electronics	IV	Analog Integrated Circuits Lab	2
9	BSc Electronics	III	Skill Development Lab I	1
10	BSc Electronics	V	Microprocessor programming and interfacing lab	3
11	BSc Electronics	V	Microcontroller & Interfacing Lab	3
12	BSc Electronics	VI	Communication system Lab	3
13	BSc Electronics	VI	Principles of DSP lab	3



12. Earn While Learn



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Ms. Rishvana Jasmin and Ms. Anjala Thehsin of 1st M.Sc. Electronics and Ms. Jameela K of 2nd M.Sc. Electronics have set their goals of being an entrepreneur. Ms. Rishvana has proved her skill as a freelance cosmetician. Ms. Shahina works as an event co-ordinator. She provides rental services for a complete wedding scenario. Ms. Jameela works as a pastry chef.

13. Recognition Certificate for IDEA submission on KDISC

Ms. Swarna Babu K.K of MSc Electronics was awarded certificate of recognition for completing all the requirement and submitting an idea in the young innovators programme 2021 conducted by the Kerala Development and Innovation Strategic Council.

14. Attended Army Attachment Camp

SGT. Muhammed Amjath, SUO. Shuaib T U, UO. Anandhu C R of 2nd B.Sc Electronics got selected and thereby they attended the army attachment camp which was held at Bangalore from 27th June 2022 to 11th July 2022 with 22 RAJ RIF.



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.



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15. NCC B CERTIFICATE

Students of third BSc Electronics - Adarsh N, Anandhu C R, Shuaib T U, Muhammed Amjath K, Nandana Sasikumar and Nihal Nasar passed the NCC B Certificate Examinations held in 2022 under the authority of the Ministry of Defence, Government of India.





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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**

2021-2022



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12	Organizing Fests and Competitions
13	Brief Reports
14	FDP/Workshops
15	Certificate Courses
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1. ICT Facilities available in the Department

The department is rich in ICT enabled infrastructure for enhancing the learning experience of the students. Two classrooms of the department are smart classrooms. 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	4
2	Computers	5
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
	Mr. Hashim NK	Whatsapp
		Youtube
2.		PowerPoint Presentation
3.	Dr. Muhammed Sabeer N.A	Google



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		Whatsapp
		Youtube
4.	Ms. Amaya Sivan	Videos
		Powerpoint presentations
5.	Mr. Nidhin Soman	youtube
		teachmint
7.	Neeraja Krishna	Teachmint
		Google Form
		You Tube videos
		Google meet

3. e – Contents Developed

Sl. No.	Faculty	Programme	Course	Type of e contents developed
1	Dr. Biju Kg	BSc PHYSICS	Mechanics-I & II Quantum Mechanics Thermodynamics Non-conventional Energy Sources Practical Paper-II	Youtube video Powerpoint presentations pdf notes
	Mr. Hashim NK	BSc PHYSICS	Electrodynamics-I Electronics Nuclear and Particle Physics Material Science Non Conventional Energy Sources Practical Paper-I	Powerpoint presentations MCQ in google form pdf notes



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3	Dr. Muhammed Sabeer N.A	B.Sc.	Electrodynamics, Optics & Thermodynamics	PDF notes and questions
			General Practical	PDF notes and questions
4.	Amaya Sivan	M Sc	Electronics	Powerpoint
			Experimental techniques	Powerpoint , Videos
			Microprocessor	Powerpoint
5.	Mr. Nidhin Soman P	M Sc physics	Electrodynamics	Youtube video, Teachmint classes
			Quantum Mechanics	Youtube video, Teachmint classes
			Solid State Physics	Youtube video, Teachmint classes
			Material Science	Youtube video, Teachmint classes
7.	Ms. Neeraja Krishna	BSc	Properties of matter and thermodynamics	PDF notes, google meet & Teachmint classes
			Optics,laser and electronics	PDF notes, google meet & Teachmint classes
			Mechanics	PDF notes, google meet & Teachmint classes
			Electricity,magnetis m and nuclear physics	PDF notes, google meet & Teachmint classes



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4. Simulations and Virtual Labs

Final Year BSc Physics Students and All Msc Students use Overleaf and Geogebra tools for scientific writing and graphing. Tools are used in the classroom as well as in homework assignments. Students are required to use Latex to present their project reports.

5. Learning Management System

Apart from the face to face teaching learning the department promotes blended learning by the use of Google Classroom.

List of Teachers developed courses on LMS

Sl. No.	Name of Teacher	Course Developed	LMS Platform
1.	Dr. Biju KG	Mechanics-I & II	Google classroom
		Quantum Mechanics	
		Thermodynamics	
		Non-conventional Energy Sources	
		Practical Paper-II	
2.	Mr. Hashim NK	Electronics	Google classroom
		Material Science	
3.	Dr. Muhammed Sabeer N.A	B.Sc.: Electrodynamics-I	Google Classroom
		B.Sc.: Electrodynamics-II	Google Classroom
		B.Sc.: Optics	Google Classroom
		B.Sc.: Thermodynamics	Google Classroom



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		B.Sc.: Practical-II General	Google Classroom
4.	Ms. Amaya Sivan	Electronics	Google Classroom
		Mathematical Physics 1	Google Classroom
		Experimental techniques	Google Classroom
		Microprocessor	Google Classroom
5.	Mr. Nidhin Soman P	MSc:Electrodynamics	teachmint classes
		MSc:Quantum Mechanics	teachmint classes
		MSc:Solid State Physics	teachmint classes
		MSc:Material Science	teachmint classes
7.	Neeraja Krishna	BSc Com. Physics : Properties of matter & Thermodynamics	Google Classroom Teachmint classes
		BSc Com. Physics : Optics	Google Classroom Teachmint classes
		BSc Com. Physics : Mechanics	Google Classroom Teachmint classes
		BSc Com. Physics : Electricity, Magnetism & Nuclear physics	Google Classroom Teachmint classes
		Bridge Course	Google Classroom Teachmint classes



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6. Industrial Visit

The department conducted a study tour to Ernakulam and Munnar. The trip started on **16th January 2022** from the college. We visited Munnar and Idukki dam for sightseeing. After the 4 day trip the troupe returned home early morning on 20th January.



7. Student Project

Name of the Project	Class	Name of the student	Name of the Guide	Institute of the Guide
Surface topography of sputtered chromium nitride thin films	PG	NAHLA SHERIN A M	Dr. Muhammed Sabeer N A	WMO Arts & Science college, Muttill
Preparation and analysis of Barium cerate using different fuels	PG	FINU FATHIMA T K	Dr. Nisamudheen. KM	Kannur University Campus, Payyannur
Dynamics of 1D bright solution in periodic potential and non-periodic potential	PG	ANSIL BABU	Dr. Aysha Muhsina K	Govt. Arts & Science college, Meenchantha
A study on quark gluon plasma	PG	KAVYA K J	Mr. Sreejith C S	St. Mary's college, S.Bathery
Indian summer monsoon calculation characteristics and thermodynamic features over coastal station	PG	AYSHA SAMEEHA	Dr. Indira Rani	NCMRWF, Ministry of Earth Sciences, Noida



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Moving object detection using ultrasonic radar	PG	KIRAN REJI	Mr. Abdul Rasheed	WMO Arts & Science college, Muttil
Non extensive statistical mechanics- A literature review	PG	ASWTHY MR	Mr. Sreejith C S	St. Mary's college, S.Bathery
A study on thin film thermoelectric; enhancement of figure of merit by improving power factor	PG	JENCY KB	Dr. Muhammed Sabeer N A	WMO Arts & Science college, Muttil
Preparation of Perovskite La ₂ MgTiO ₆ and to study effect of calcination on the bandgap energy	PG	SENHA C	Dr. Nisamudheen. KM	Kannur University Campus, Payyannur
Growth and characterisation of Sodium tartrate crystal	PG	FATHIMA HUSNA P	Dr. Jaya TP	Dayapuram Arts & Science College
Growth and characterisation of Nickel tartrate crystal	PG	ANJU PRAKASH	Dr. Jaya TP	Dayapuram Arts & Science College
An investigation into the world level relative time characteristics of malayalam non-plosive sounds	PG	HASNA K	Mr. Sunil John	St. Mary's college, S.Bathery
Durational analysis of plosive sound with the context of their position in Malayalam word	PG	FASALUL FARISA KP	Mr. Sunil John	St. Mary's college, S.Bathery
Dynamics of Dark solution in BECs	PG	FARSINA SHERIN	Dr. Aysha Muhsina K	Govt. Arts & Science college, Meenchantha
Crystallographic features of sputtered tin titrite thinfilm	PG	NAHLA K	Dr. Muhammed Sabeer N A	WMO Arts & Science college, Muttil
Preparation and analysis of Strontium cerate using different fuels	PG	SWETHA PS	Dr. Nisamudheen. KM	Kannur University Campus, Payyannur
Monitoring Temperature and Humidity using Arduino based sensor	PG	MUHAMMED JAWAHAR C	Mr. Hashim N K	WMO Arts & Science college, Muttil



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Synthesis and characterisation of Fe ₃ O ₄ nanoparticles doped with CO ₂ ⁺ and Mg ²⁺ - A comparative study	PG	HARIPRIYA	Dr. Pramodkumar	St. Mary's college, S.Bathery
Determination of Surface temperature of a sample of stars in the Messier 67 star constellation.	UG	FATHIMA MINNA	Biju KG	WMO Arts & Science college, Muttill
Determination of Surface temperature of a sample of stars in the Messier 67 star constellation.	UG	MASNA T	Biju KG	WMO Arts & Science college, Muttill
Determination of Surface temperature of a sample of stars in the Messier 67 star constellation.	UG	AFEEFA M	Biju KG	WMO Arts & Science college, Muttill
Determination of Surface temperature of a sample of stars in the Messier 67 star constellation.	UG	AVANTHIKA NK	Biju KG	WMO Arts & Science college, Muttill
Determination of Surface temperature of a sample of stars in the Messier 67 star constellation.	UG	ASHINA VP	Biju KG	WMO Arts & Science college, Muttill
Determination of Surface temperature of a sample of stars in the Messier 67 star constellation.	UG	FATHIMA ROSE IS	Biju KG	WMO Arts & Science college, Muttill
XRD Charecterisation- Tin Nitride Thin films.	UG	MOHAMMED FAYAS KK	Muhammed Shabeer	WMO Arts & Science college, Muttill
XRD Charecterisation- Tin Nitride Thin films.	UG	MUHAMMED MAHOOK PT	Muhammed Shabeer	WMO Arts & Science college, Muttill
XRD Charecterisation- Tin Nitride Thin films.	UG	MUHAMMED MUBASHIR	Muhammed Shabeer	WMO Arts & Science college, Muttill
XRD Charecterisation- Tin Nitride Thin films.	UG	SAYAN GEORGE	Muhammed Shabeer	WMO Arts & Science college, Muttill



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XRD Characterisation- Tin Nitride Thin films.	UG	MUHAMMED NAMSHAD TK	Muhammed Shabeer	WMO Arts & Science college, Muttill
Determination of Hubble constant and age of the Universe using the velocities of Galaxies.	UG	AMRUTHA RAJAN	Biju KG	WMO Arts & Science college, Muttill
Determination of Hubble constant and age of the Universe using the velocities of Galaxies.	UG	ANAMIKA SAJI	Biju KG	WMO Arts & Science college, Muttill
Determination of Hubble constant and age of the Universe using the velocities of Galaxies.	UG	AYISHA SINSINA	Biju KG	WMO Arts & Science college, Muttill
Determination of Hubble constant and age of the Universe using the velocities of Galaxies.	UG	AYSHA SHIBAN P	Biju KG	WMO Arts & Science college, Muttill
Determination of Hubble constant and age of the Universe using the velocities of Galaxies.	UG	ASNIL ER	Biju KG	WMO Arts & Science college, Muttill
Error analysis with Young's modulus experiments as example.	UG	ASHMILA M	Sirajudheen KK	WMO Arts & Science college, Muttill
Error analysis with Young's modulus experiments as example.	UG	CHANDANA GOVIND	Sirajudheen KK	WMO Arts & Science college, Muttill
Error analysis with Young's modulus experiments as example.	UG	DIJNA SHERIN	Sirajudheen KK	WMO Arts & Science college, Muttill
Error analysis with Young's modulus experiments as example.	UG	FASEELA P	Sirajudheen KK	WMO Arts & Science college, Muttill
Error analysis with Young's modulus experiments as example.	UG	MUNSIRA MS	Sirajudheen KK	WMO Arts & Science college, Muttill



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Error analysis with Young's modulus experiments as example.	UG	SHADIL C	Sirajudheen KK	WMO Arts & Science college, Muttill
Hydrogen atom wavefunctions using Numerical methods	UG	ADEEP FARHAN CK	Sirajudheen KK	WMO Arts & Science college, Muttill
Hydrogen atom wavefunctions using Numerical methods	UG	ABUTHUFAIL M	Sirajudheen KK	WMO Arts & Science college, Muttill
Hydrogen atom wavefunctions using Numerical methods	UG	VIBIN VIJAY	Sirajudheen KK	WMO Arts & Science college, Muttill
Hydrogen atom wavefunctions using Numerical methods	UG	ALWIN ANDREWS	Sirajudheen KK	WMO Arts & Science college, Muttill
Hydrogen atom wavefunctions using Numerical methods	UG	SAFVAN C	Sirajudheen KK	WMO Arts & Science college, Muttill
Hydrogen atom wavefunctions using Numerical methods	UG	ANSIYA FIDHA	Sirajudheen KK	WMO Arts & Science college, Muttill
Radio spectral studies of selected sample of radio galaxies	UG	AJINAS K	Biju KG	WMO Arts & Science college, Muttill
Radio spectral studies of selected sample of radio galaxies	UG	ASIF AHAMMED	Biju KG	WMO Arts & Science college, Muttill
Radio spectral studies of selected sample of radio galaxies	UG	FATHIMATH THASNIYA	Biju KG	WMO Arts & Science college, Muttill
Radio spectral studies of selected sample of radio galaxies	UG	ADIL MUHAMMED IK	Biju KG	WMO Arts & Science college, Muttill
Radio spectral studies of selected sample of radio galaxies	UG	ANOOP KRISHNA	Biju KG	WMO Arts & Science college, Muttill
Radio spectral studies of selected sample of radio galaxies	UG	JASIR HUSSAIN N	Biju KG	WMO Arts & Science college, Muttill



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A study on the distribution of black hole masses in the Galaxy cluster A 2142.	UG	FATHIMA SHERIN CA	Biju KG	WMO Arts & Science college, Muttill
A study on the distribution of black hole masses in the Galaxy cluster A 2142.	UG	FEBINA SHERIN M	Biju KG	WMO Arts & Science college, Muttill
A study on the distribution of black hole masses in the Galaxy cluster A 2142.	UG	HENNA MEHJABIN	Biju KG	WMO Arts & Science college, Muttill
A study on the distribution of black hole masses in the Galaxy cluster A 2142.	UG	KAVYA VJ	Biju KG	WMO Arts & Science college, Muttill
A study on the distribution of black hole masses in the Galaxy cluster A 2142.	UG	SHAMNA RAFEEQUE	Biju KG	WMO Arts & Science college, Muttill
A study on the distribution of black hole masses in the Galaxy cluster A 2142.	UG	JISAN P	Biju KG	WMO Arts & Science college, Muttill

8. Webinars, Seminars and Student Presentations

Various webinars have been conducted by the Department of Physics during the 2021-2022 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
Workshop on mathematical modeling	KSCSTE, CUSAT, TIFR Faculties
Invited talk on python programming	Dr. Ajith Kumar BP
Space Week: History of space expeditions	Dr. Sidharthan
Space Week: Geo Satellite operations	Mr. Manikandan P E
Student presentation: Ecology and Environment	Athul Gopal, Amal Krishna, Muhammed Shahid, Niya Fathima, Hamida Fathima



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9. 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
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



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10. Group discussions

A group of enthusiastic students in the batch of 2021 admission 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 was a regular phenomenon in the past but was stopped due to COVID in 2020. The plan is to continue indefinitely in the coming years.

11. Skill Development program

Certificate courses are offered for interested students. Scientific writing in Latex, and introduction to python programming are some examples. 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 electronic instruments like multimeter and Oscilloscope and even soldering activities are conducted.

12. Organizing fests and competitions

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

Festival/day	Resource Person/ Organization
Space Week: History of space expeditions	Dr. Sidharthan
Space Week: Geo Satellite operations	Mr. Manikandan P E
Reading week celebration	Ardra Sunil, Anshitha Aboobacker, Fathima Rimsana, Henna Mehjabin, Anupama, Safeena A and Afeefa M
ONAM Celebration	Sadya, Pookkalam, Onappattu, DJ
Christmas Celebration	Association



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13. Brief Reports

1. Workshop on mathematical modelling

Teacher Professional Development Program
Mathematical Modeling
Using technology-enabled and student-centered learning systems

Program sessions (2 days each) will be held between
18, 19 November 2021
10-20 participants in each session

Organized by
KSCSTE, HBSE (TFR), CUSAT
University of Calicut, WMO Arts and Science College
Co-sponsored and supported by National Council for Science & Technology Communication, DST, Govt. of India, New Delhi

Objectives
- To introduce the process of mathematical modeling, and its extension to computational modeling, using physics derivations
- To foster expertise in model-based reasoning and computational thinking, using new computational media and interactive simulations

Duration
A series of training programs will be conducted during September-December 2021. Each program will run for two days.

Locations
- Cochin University of Science and Technology Campus, Cochin
- University of Calicut Campus -WMO Arts and Science College, Muttill, Wayanad

Workshop Mode
Each program will be conducted with a limited number of registered participants, strictly adhering to the state's COVID-19 regulations. If the number of applications are high, participants will be selected based on some distribution criteria (experience, location, gender). The program will be non-residential.

Participation
Interested faculty members in physics from colleges/ university departments in Kerala can participate in a two-day session.

Additional Notes
Participants will receive a certificate after completion of the two-day training program.
- The organizers will have the right to modify the date of the program, based on COVID-19 regulations. Any changes will be communicated to participants by email.
- Lunch and tea will be served for all participants during the program.
- Daily allowance will be provided to participants at the end of the program.

For further information, contact
Dr. Sasidevan V
Assistant Professor
Department of Physics
Cochin University of Science and Technology
Cochin
Mob: +91 90046 25745

Shri. Hashim M K,
Assistant Professor
Department of Physics
WMO Arts & Science College
Muttill, North Kappata, Wayanad
Kerala, India Ph:9447347501
Email: modelingworkshop21@gmail.com



A Workshop on **Mathematical modeling** conducted in the department on **18/11/2021 & 19/11/2021**. The programme was conducted in association with TIFR and CUSAT with the support of KSCSTE. About 30 faculties from all over Kerala participated in the program. The workshop was lead by Dr. Sasidevan V, Cochin university of science and technology, Cochin.

2. Invited talk by Dr. Ajith Kumar BP (Rtd. Scientist IUAC)



Dr. Ajith Kumar BP, Rtd Scientist of Inter University accelerator center, New Delhi has delivered a talk on **Python Programming** on 21st December 2021.



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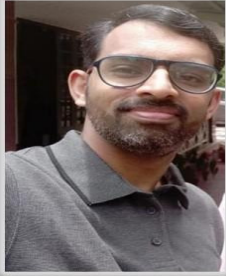

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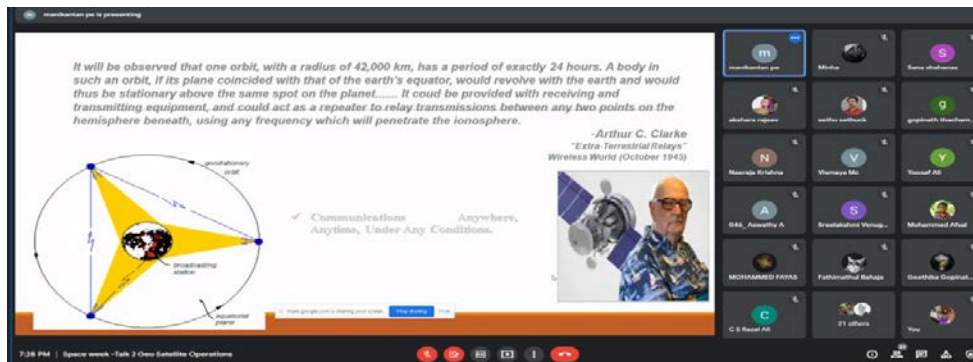
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3. Space week celebration-2021

WORLD SPACE WEEK -2021		WORLD SPACE WEEK -2021	
	<p>Public talk on GEO SATELLITE OPERATIONS</p> <p>Resource person: MANIKANDAN P E Scientist-ISRO</p>		<p>Public talk on the Topic HISTORY OF SPACE EXPEDITIONS</p> <p>Resource person: Dr. P.M. SIDHARTHAN (Scientist(Rtd)-ISRO)</p>
Date:9-10-2021, Saturday	Time: 7.00pm	Date:8-10-2021, Friday	Time: 7.00pm
Google meet link: https://meet.google.com/nmm-yqqa-bxo		Google meet link: https://meet.google.com/xhj-iygn-szp	
Department of Physics WMO Arts & Science College, Muttil		Department of Physics WMO Arts & Science College, Muttil	



Department has celebrated space week with two online talks. **Dr. Sidharthan**, Rtd. Scientist ISRO, has delivered a talk on History of space expeditions on **08/10/2021** and **Mr. Manikandan P E**, Scientist, ISRO gave a talk on Geo Satellite operations on **09/10/2021**. Both of them were conducted through Google meet.



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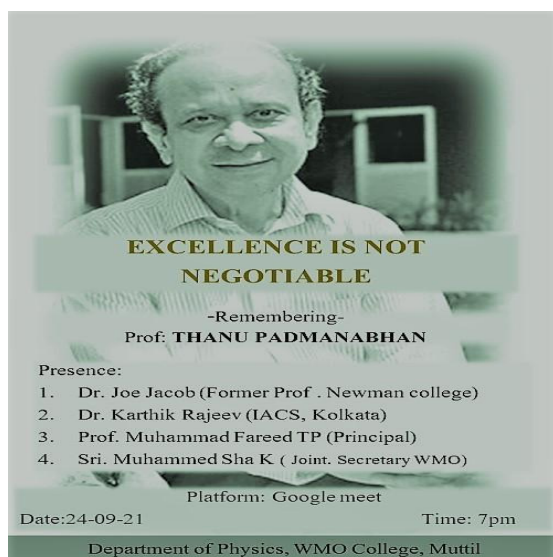
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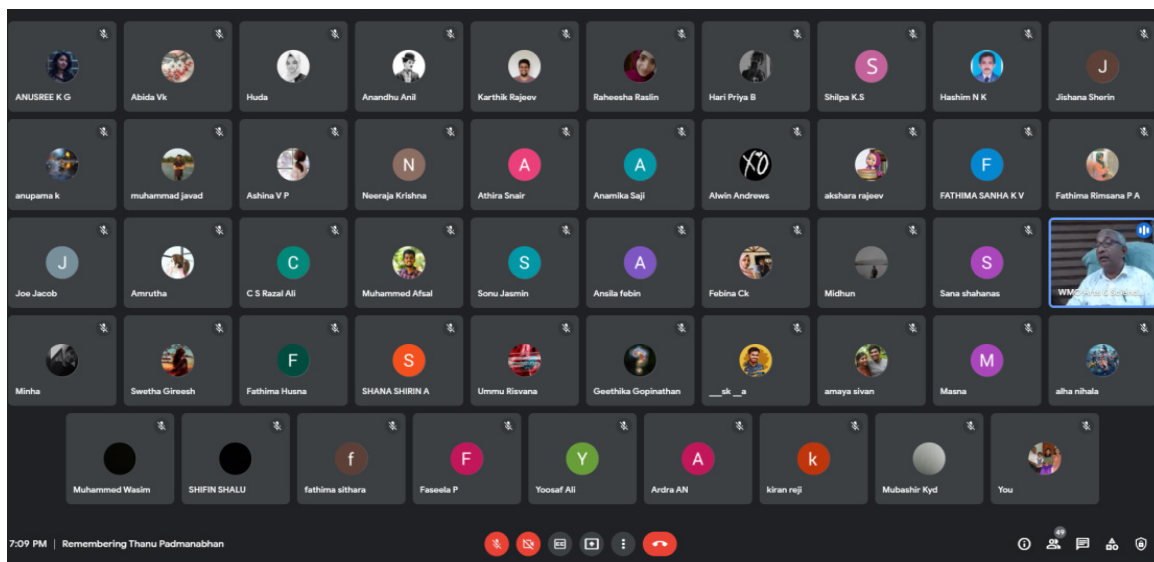
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4. Thanu Padmanabhan Anusmaranam



Department conducted Remembering of Thanu Padmanabhan on 24/09/2021. The resource persons were Dr. Joe Jacob, Newman college, Thodupuzha and Dr. Karthik Rajeev, IACS, Kolkata. The meeting conveyed the contributions of this great scientist to the physics community. More than 100 participants were part of the program



5. Reading week celebration

The Department organized a **Reading week** celebration on **26th June 2021**. Ardra Sunil, Anshitha Aboobacker, Fathima Rimsana, Henna Mehjabin, Anupama, Safeena A and Afeefa M shared their reading experience. It was a wonderful event conducted by the students.



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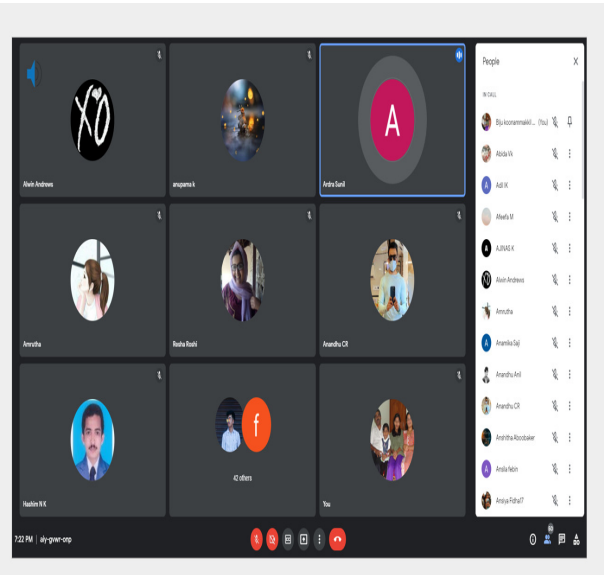
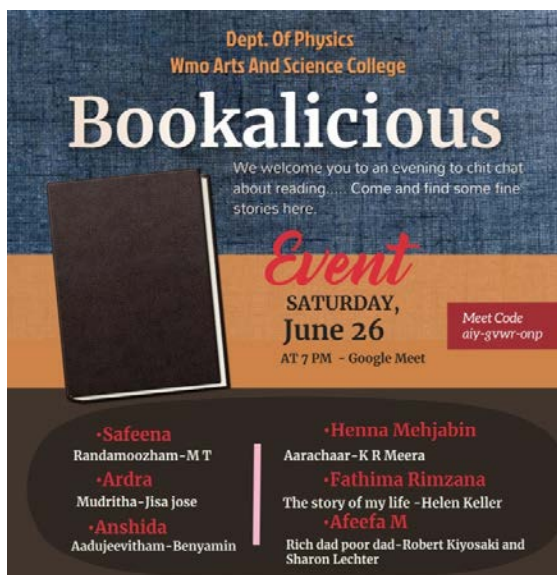
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14. FDP/Workshops

Dr. Sirajudheen KK, Dr. Muhammed Sabeer NA, Dr Biju KG, Mr. Hashim NK, Ms Amaya Sivan, Mr. Nithin Soman, Ms Neeraja Krishna, and Ms Febina C K attended a two day mathematical modeling in physics workshop

15. Certificate courses

The following certificate courses were offered in the department of physics.

Sl No	Name of the Course	Name of the Coordinator
1	Scientific writing in Latex -1	Dr. Sirajudheen KK
2	Introduction to non conventional energy sources	Dr. Biju KG

16. NCC/NSS Activities

The students in the department participated in NSS NCC activities both online and offline. Physics department had 20 cadets in NCC. All 10 cadets appeared for NCC 'B' and 'C' exam cleared it.