

Korambayil Ahamed Haji Memorial UNITY WOMEN'S COLLEGE

Government Aided & Affiliated to University of Calicut Accredited by NAAC with CGPA 2.77 & B++ Grade



AQAR 2022-23

Prepared by: -

Internal Quality Assurance Cell (IQAC)

KORAMBAYIL AHAMED HAJI MEMORIAL UNITY WOMEN'S COLLEGE, MANJERI

Best practices of the Department

1. Mushroom cultivation

Department has a well-established mushroom cultivation shed that in turn acts as an income generating project in the campus. Bed filling and mushroom harvesting done twice in a year. It is a student oriented project and all the work behind the practice is handling them. The harvested mushrooms are purchased by the teaching and non-teaching faculties of the college. The substratum that promotes best mushroom blooming is the sawdust. Boiling and dettol washing inhibits all the contamination chances. In presence of proper watering and darkness induces the mushroom blooming without fail.





Workshop on mushroom cultivation for kudumbasree workers of Pulpatta Panchayath was also done by the department. On Feb 2nd 2023, Thursday P.G. Department of Botany conducted a workshop on mushroom cultivation for Kudumbasree members of Pulpatta Panchayath. The program was inaugurated by Dr. Muhammad Basheer Ummathur, College Principal. The training session was led by Dr. Usman A, Head of the department of Botany and other teachers of the department. Around 10 kudumbasree workers benefited the program.



2. Vermicompost unit

Vermicomposting is a centuries old process employed all over the world. The rediscovery and reapplication of this ancient natural gift comes at a time when it is more important than ever. Vermicompost is the product of the composting process using various species of worms, usually red wigglers, white worms and other earthworms. This end-product of the breakdown of organic matter by earthwormsis vermicast that contain reduced levels of contaminants and a higher saturation of nutrients than the organic materials before vermicomposting. *Eisenia fetida, Lumbricus rubellus, Eisenia hortensis, Eudrilus eugeniae, Lumbricus terrestris* etc are mainly using worms to produce vermicast.

The main benefits of Vermicomposting are the following

- Enhances the development and growth of plant roots.
- Improves the physical structure of the soil.
- Ameliorates the nutrient content of soil with microorganisms.
- Increases the water resisting capacity of the soil.

Nurtures soil with plant growth hormones such as auxins, gibberellic acidetc.

The Department of Botany initiated 'Vermicomposting unit' in the campus of KAHM Unity Women's College on 08th June 2019 and the final product recovered on 09th August 2019. It took around 60-70 days for the completion. This project can be a better option for the Campus Sustainability Plan to achieve Zero Waste Campus Policy and preserve the campus land. In addition, it can also be employed for educational purposes and other outreach programmes.

As part of the campus plantation and development, the Department of Botany implemented the vermicomposting unit. It was kept under the shade for fast compost formation. The unit is made of concrete rings and provides a water pool around it to avoid the entry of ants and other insects. The unit consists of different layers made by coconut husk, cow dung, dry leaves etc. For initiating the compost formation, the earthworms in appropriate numbers are added to the unit.

Any type of container including cement, wood or even plastic trough can be used for vermicomposting. Here, cement ring is used as vermicasting container and keptin a cool, moist and shady site. Composting has to be done under a roof to avoid direct sunlight and rain. Crop residues, straw, vegetable waste, leaf litter and cow dung were used as biodegradable wastes. The earth worm species, *Lumbricus rubellus*, is selected for vermicast production. Compost worms need five basic things including bedding, a food source, adequate moisture and protection from temperature extremes.





3. Biodiversity conservation

Conservation of rare and endangered plants is a very essential factor in every campus. For this purpose, the college also has constructed a biodiversity garden rich with different flowering plants.





4. Green auditing

Campus has about 750 trees including different angiosperm families. Main focus is the rubber plantation. The campus covers 7 acres with a wide plant diversity. The observation enumerates 56 species of trees from the campus belonging to 24 families. This consisted of 52 Angiosperms (under 21 families) and 2 Gymnosperms (under 2 families). Among the angiosperms, there were 50 dicots and 2 monocots (all belonging to the family Araceae). Fabaceae is the most represented family (15 nos.), followed by Euphorbiaceae, Moraceae and Myrtaceae (4 each). Anacardiaceae, Annonaceae, Arecaceae, Bignoniaceae, Combrectaceae, Meliaceae, Sapotaceae, Verbenaceae were represented by 2 species each. Twelve families were represented by only a single species.

5. Vegetable Cultivation

'HARITHABHAM' Farming project

1. Field preparation - 08/12/2022

The cultivation ground was prepared for Harithabham farm project by botany students on 8th December, 2023. Farm land including two green houses were also prepared. For farming Initially weeds are removed from forming hald by handpicking. Basement made ready for Scan Here! planting seedlings and cow dung mixed with soil to increase its fertility. Also NREGC workers of Pulpatta panchayath helped for field preparation. Small coir pieces were hanged for climbing pea plants. Trees around the farmland were pruned to avoid shading and for proper sunlight. Irrigation tubes were arranged between the basins for drip irrigation throughout the field including two greenhouses.

2. Harithabham farming project Inauguration - 16/12/2022

The P.G Department of Botany in association with the Agro and Horticulture club initiated a new farming project in the name "Harithabham' on 16th December 2022. The project was inaugurated by Mr Dannis Samuel (Coorporate Trainer) and Dr. Usman.A, Head of the Department of Botany presided over the function. It was aimed to educate our students about different horticultural techniques and to practice in the field. Vegetable seedlings including brinjal, tomato, pea etc were planted in the polyhouses and fields.

3. Harithabham farming project – harvesting - 03/02/2003

Harvesting of Harithbham farming project started on 03/02/2023. Pea harvested from garden with help of students and distributed among the teachers of unity college.

Improved knowledge and understanding of agriculture through the hands-on experience of growing crops and raising animals, students can develop a deeper understanding of agriculture and farming practices They can learn about the planting and harvesting process, the care and management of livestock, and the importance of sustainability in agriculture.

Development of practical skills: A farming project can provide students with practical skills such as planting, watering, weeding and harvesting. They can also learn about animal care, feed management, and pest control. Students can also develop entrepreneurial and marketing skills by selling their produce to local markets or community members.







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6. Herbal Garden

The Department of Botany of this College maintains a good and scientifically maintained herbal garden in the campus for the last 10 years. A total of around 40 important and rare medicinal plants with proper labelling are cultivating here. Besides a few medicinal plants were also maintained at some other parts of the campus including green house.



As part of extension outreach activity, The Department of Botany produced the saplings of about 50 important medicinal plants and were supplied to the local peoples of Ward No. 47 of Manjeri Municipality in order to strengthen and to preserve our precious endangered local medicinal plants w.e.f 2011 December onwards. The Department maintains a record of the same and constantly monitoring the growth of the plants supplied. This program has generated awareness among local peoples about the conservation of these precious medicinal sources.









LIST OF MEDICINAL PLANTS IN THE COLLEGE CAMPUS

Sl.no.	Binomial name	Family
1	Costus pictus	Zingiberaceae
2	Naravelia zeylanica	Ranunculaceae
3	Vitis quadrangularis	Vitaceae
4	Bauhinia tomentosa	Caesalpiniaceae
5	Ficus hispida	Moraceae
6	Clitoria ternacea	Papilionaceae
7	Alpinia calcarata	Zingiberaceae
8	Piper longum	Piperacaeae
9	Vitex negundo	Verbenaceae
10	gymnema sylvestr	Asclepiadaceae
11	Plumbago indica	Plumbaginaceae
12	Aloe vera	Liliaceae
13	Citrus limon	Rutaceae
14	Ocimum sanctum	Lamiaceae
15	Centella asiatica	Apiaceae
16	Acacia catechu	Mimosaceae

17	Curcuma aromatica	Zingiberaceae
18	Morinda umbellata	Rubiaceae
19	Adhatoda zeylanica	Acanthaceae
20	Ixora coccinea	Rubiaceae
21	Alstonia venenata	Apocynaceae
22	Wrightia tinctoria	Apocynaceae
23	Holarrhena antidysenterica	Apocynaceae
24	Pterocarpus santalinus	Papilionaceae
25	Hemigraphis colorata	Acanthaceae
26	Pimenta dioica	Myrtaceae
27	Cyclea peltata	Menispermaceae
28	Nilgirianthus ciliatus	Acanthaceae
29	Asparagus racemosus	Liliaceae
30	Toddalia asiatica	Rutaceae
31	Tabernaemontana coronaria	Apocynaceae
32	Caesalpinia sappan	Caesalpiniaceae
33	Chrysophyllum cainito	Sapotaceae

7. Green House and Aquatic Biopark

The Department of Botany is maintaining some other facilities for the conservation of plants like "Green House" with water mist for maintaining delicate and other plants that cannot tolerate intense sun light. We are maintaining a number of rare Ferns and a few Orchids in the green house.

Greenhouses in colleges play a pivotal role in academic and environmental spheres. They provide controlled environments for hands-on botanical and agricultural studies, fostering practical learning experiences. Beyond academics, greenhouses serve as living laboratories, facilitating research on plant biology, climate change, and sustainable cultivation methods. Additionally, they contribute to campus aesthetics, promoting a green and vibrant atmosphere. By showcasing diverse flora, greenhouses inspire ecological awareness and conservation efforts among students, aligning with the global imperative for sustainable practices. In essence, college greenhouses offer multifaceted benefits, integrating education, research, and environmental stewardship.





Another important area of interest is the conservation of water plants. In our "Aquatic Biopark" more than 20 hydrophytes like *Azolla, Ceratopteris, Nymphaea, Marsilea, Bacopa,Pistia, Eichornia, Nitella etc.* are maintained with proper care. Besides we are also maintaining a Hydrophytes Conservatory as a classical example to aquatic ecosystem.





Faculty in Charge (Criteria VII)Ms. Hana BackerAssistant Professor (Adhoc) DQAC Convenor Dr. Faseela P. Assistant Professor Head of the Dept Dr. Usman A. Assistant Professor

- 1. **Day Celebrations** Important days like World Environment Day, World Ozone Day were celebrated every year to inculcate awareness among students.
- Community Outreach Programs Community Outreach programs were organized by department every year effort to "Reaching Out: Strengthening Ties with the Community". It helps to cultivate a sense of social responsibility in the students and inspire community work.
- 3. **Papier** A green initiative by Department named Papier for collecting used paper for recycling. A **designated paper recycling bin** for the collection of paper waste from

College Campus. Collecting in separate bins will keep paper waste for recycling as clean as possible. This is the best way to ensure that the waste paper can be recycled properly. Waste paper recycling has great economic and environmental benefits in reducing pollution, improving the environment, saving primary fiber resources, saving energy and protecting forest resour

ENERGY CONSERVATION DAY CELEBRATIONS





WORLD WATER DAY CELEBRATIONS

Awareness Programme on "Conservation of Water"













2. Awareness Programme on Energy Conservation







3. Community Outreach seminar Paristhithiyum Jalasthithiyum





PAPIER 2022-23 A Green Initiative of Collecting Waste Paper

Papier is a new initiative by the Chemistry Association of KAHM Unity Women's

College, Manjeri. We recommend using a **designated paper recycling bin** for the collection of paper waste from College Campus. Collecting in separate bins will keep paper waste for recycling as clean as possible. This is the best way to ensure that the waste paper can be recycled properly. The recycling of paper is the process by which waste paper is turned into new paper products. It has a number of important benefits besides saving trees from being cut down. It is less energy and water intensive than paper made from wood pulp. It saves waste paper from occupying landfills and producing methane as it breaks down. This green initiative by students of Chemistry Department named 'PAPIER' inaugurated for the year 2022-23 by Chemistry Association on 19/08/2022 at 1.30 PM.

The inauguration of PAPIER for the year 2022-23 by Chemistry Association was held at Chemistry final year class room on 19th August 2022 at 1.30 P M. Dr.Jyothi P. Head, Department of Chemistry welcomed the gathering. Dr. Deepa K, Assistant Professor. Department of Chemistry delivered a talk on the importance of collection and recyclying of paper. Ms Minha, Chemistry Association Secretary inaugurated the waste paper collection by putting collected waste paper in specially prepared PAPIER bins. Other faculty members of the Department Ms. Suhada K M, Dr.Shamseera K O, Dr. Jasna V C, Dr.Thasni and Dr. Jamsheena falicitated the programme. The programme come to an end at 2.00 P M with a vote of thanks by Ms. Keerthana Sivan, of V semester B Sc Chemistry. After the programme specially prepared bins were placed in Chemistry Department and in all Chemistry Classrooms.





Title of the Practice:

Speak for India Intercollegiate Debate Competition **Objectives of the Practice**

- To enhance students' knowledge, confidence, and creativity on various topics and issues.
- To promote interdisciplinary learning and collaboration among students and faculty members from different colleges and departments
- To create awareness and engagement on relevant topics and issues that affect the society and the world
- To develop critical thinking, communication, persuasion, and teamwork skills among students that are essential for academic and professional success
- To foster a culture of academic excellence, intellectual curiosity, and healthy competition among students and colleges

The Context

The Speak for India Intercollegiate Debate Competition is a State level debate competition for college students in Kerala. The competition is organized by Mathrubhumi, a leading media group in Kerala, and Federal Bank, a major private sector bank in India. The competition aims to provide a platform for students to express their views and opinions on various topics of national and social relevance. The department of History, KAHM Unity Women's College, Manjeri hosted the competition three times at Unity Women's College Manjeri.

The Practice

Mathrubhumi along with Federal Bank conduct an intercollegiate debate competition called "Speak for India – Kerala Edition". It is a competition which will be conducted across Kerala. It will allow college going students to showcase their oratory skills. It gives an opportunity for youth to give out their view point on various topics which are prevailing in the current scenario. The competition is such a prestigious platform for youth as they will get recognition and rewards for a better future. The event will start from 50 block level competition across Kerala followed by competitions in 14 districts, charging them towards zonal level which tends to give way to semi-final and a grand finale. Cash prizes up to 15 lakhs would be given in various levels.

The participants of the competition will get one minute to speak on a topic. He/she can speak in either English or Malayalam in support or opposition t the motion. So he/she would have to prepare both, for and against the motion on the topic. Language, content, presentation, and special points will be used to evaluate students.

Evidence of Success

Speak for India debate competition was conducted at KAHM Unity Women's College thrice in the past; especially in 2017, 2018 and 2022. It indicates that the major sponsors of the competition Federal Bank and the organizing partner Mathrubhumi are happy to choose Unity Women's College as one of the venue for the block level competitions. The competition was also success in terms of number of participants and audience. The feedback and evaluation from the judges, participants and audience indicate the level of learning and improvement achieved by the participants and the quality of the debate. No doubt the debate competition enhanced students' knowledge, skills, attitudes and values related to the topic and the art of debating.

Problems encountered and resources required

One major issue that we face at the planning period of Debate competition at Unity Women's college was about the number of participants and audience. Normally students are not ready to participate in the competitions like debate. So we need to push the students for registering the competitions. Students of the department of history were the audience for the past three editions hosted at Unity College. The organizers will place the materials in the College auditorium especially Branded Backdrop, Standees, Branded Box, Branded Podium, Mic and light setup etc.

Any other information

The photo and report of the inaugural function of speak for India competitions are published in the press release.



ENG VII-7 BEST PRACTICES

Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Title of the Practice: Technology Enabled design for teaching, learning and evaluation.

Objective of the Practice: In order to ensure a quick and deep dive into present educational scenario and to upskill the students who have undergone through the pandemic era, the department has adopted technology based teaching methodologies, ensuring the engagement of the learner in teaching, learning and assessment activities. The online and digitally enhanced learning strategies were adopted during the end of the academic year 2019-20 and are successfully and effectively integrated into the classroom pedagogical practices to make the learning more engaging, active and constructive. To re wire the traditional teaching practices and to re think effective methods and to ensure maximum learner participation, department deployed suitable ways to transact curriculum for a learner community driven by the pandemic era.

Context: The COVID -19 pandemic has necessitated cutting edge technologies and learner based, technology assisted teaching, learning and evaluative methodologies to address the issues in the field of education in general and higher education in particular. To cater the diverse needs of students- a pandemic driven community- and to engage them in higher educational practices retaining the drive for learning was the difficult task during the outbreak of pandemic. The department was keen in assessing the scenario and the needs of the students and preparing strategies to address the issue through effective technology integration.

Practice:

- Convened department council meeting and decided the measures to integrate technology enhanced learning to address the covid driven community in 20-21
- Discussed and decided the digital platforms and tools to be used for teaching, learning and evaluation
- Faculty members participated the FDP organized by college IQAC on technology assisted learning in 20-21
- Decided to use Google meet for synchronic online teaching activities
- Implemented google classroom for asynchronous teaching and learning activities
- Google forms were used for student survey, feedback and evaluation
- Different virtual platforms were also used for retaining the interest of students

- After the conversion into face-to-face learning from 4th October 2022, the flipped learning practices were continued for technology- based learning in order to supplement additional classes, additional materials, assignment submission, evaluation, student poll, student presentations, etc.
- Recorded sessions were given to help slow learners
- Audio lessons and podcasts were given to support any time anywhere learning.
- Class room WhatsApp groups were used to facilitate quick communication.

SI No.	Name of Faculty	platform used for curriculum delivery- teaching, learning and evaluation	Link to GCR/YouTube/other platforms	Total Number of E communicatio ns
1.	Dr. Shahina Mol A.K.	 Google classroom Youtube quizizz Flipgrid of Microsoft 	https://classroom.google.com/c/MjExNTk5OTkyODQ1?cjc=5yayfwehttps://classroom.google.com/c/NDk1MzkxNTU1OTA1?cjc=yqccssahttps://classroom.google.com/c/NDcyMjI1NjQ5NjU0?cjc=2ifwf3bhttps://classroom.google.com/c/NDk5MjE5MDE5NDky?cjc=hwhzxyghttps://classroom.google.com/c/NDk5MjE5NTI1MTk5?cjc=tlyn7e7https://youtube.com/channel/UCusV7X	50
2.	Sangeeta K	Google Classroom,Teachmint Google forms	yz8lpbhegsEnVDFGwClassroom ID: 748693109 Subject: English Literature, Classroom ID: 494605323 Subject: English Literature https://classroom.google.com/c/NDg0M DMwNTkwNDI4?cjc=pzcpjgg (General English) https://classroom.google.com/c/NDQxM zEwNDExMjc5?cjc=mizbvtb (first/second sem PG) https://classroom.google.com/c/MjA5O TU3NDc5Mjg3?cjc=clp27ux (third/fourth sem PG) https://classroom.google.com/c/MTA4O DA5NDk2MDA0?cjc=antoi6b (Fifth/ sixth sem UG)	72

Aswathy M.P. Aswathy M.P. Dr. Poornima R.	Google Classroom, Teach Mint, YouTube and Google form. Zoom, Google Classroom, G-meet, Google	First MA: https://classroom.google.com/c/NDU2M zYxODA5MzU5?cjc=b65nnld Second Year MA: https://classroom.google.com/c/MjM2M DQzMjIwMzM0?cjc=sdw317x 1 CP5: https://classroom.google.com/c/NDU2M zY0NDU1MzE2?cjc=y2ne3jo 1 CP3: https://classroom.google.com/c/NDU2M zY2NjQ3MDM2?cjc=mmnuby3 1 cp2: https://classroom.google.com/c/NDU2M zU5MzA0NDM1?cjc=phs5475 Final Year YG: https://classroom.google.com/c/MzU5M Dc2MzYxOTIy?cjc=42w72qg 3. Youtube channel link of faculty members https://www.youtube.com/watch?v=G77 huNTT_ZA https://classroom.google.com/c/NDY5 NzY2MzY3OTUw?cjc=nrnaxlc_M.A.	Second MA: 25 First MA: 20 1 CP5:8 1 CP3: 6 1 CP2: 7 Final UG: 20 58
	Assignments, Google form Quiz, YouTube, WhatsApp students' group	NZT2MZT30T0W?CJC=IIIIIaXIC MI.A.I yearhttps://classroom.google.com/c/MTg1OTY1NTA4NzUW?cjc=trv3rw7M.A. II Yearhttps://classroom.google.com/c/MzkxNjgxMjQwNjkx?cjc=23hrmje II YearB.A.Englishhttps://classroom.google.com/c/NDQyNTUwMjg3NzY2?cjc=ii3jsyx I yearCommon EnglishYouTubehttps://youtube.com/channel/UCjxhxsBipLUfX-mGILyV_pQ	
Dr. Rajani R	GCR, WhatsApp	https://classroom.google.com/c/MTY2 MTIzMjc3MTU2/m/Mzc2MzkzNDE1N TQw/details	42
Dr. Krishna Sunder	Google Classroom, G-meet, Google Assignments, Google form Quiz, YouTube video content	PG2 https://classroom.google.com/c/MjM1Mzg2 Njk4OTYz?cjc=onbreue PG1	Pg2- 78 Pg1 - 38 Ug 3 - 35 1cp1 - 34 1cp3 - 35

		https://classroom.google.com/c/NDUzNTE1 NDE50DEy?cjc=yc6btgd	1cp5 - 32
		UG3 https://classroom.google.com/c/MzUzMTA	
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		1cp1	
		https://classroom.google.com/c/MjA1MjMx	
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		https://classroom.google.com/c/MjIyOTQ2	
		Njc3MTg5?cjc=gt6u5ut	
		1cp5	
		https://classroom.google.com/c/MjA4M	
		<u>zc5NzQ3Mjk3?cjc=llp4s2x</u> LitScreen -	
		https://www.youtube.com/channel/UCih	
		ga5UAfpWtyQ6z5eD4q4Q	
Muhammedali	Teach mint, GCR	https://classroom.google.com/c/MTcyN	32
Р		DUxMTk3NDA5	
		https://classroom.google.com/r/MTA4M DU2Mzg2MDc3/sort-first-name	
		DO2Wi2g2WiDe5/soft-first-fiame	
		https://www.teachmint.com/enroll/5178	
		60796/60bd9eda16d0cd633513b703	
		Classroom ID: 517860796 Subject:	
		English	
		https://www.teachmint.com/enroll/3936	
		66491/60bd9eda16d0cd633513b703	
		Classroom ID: 393666491 Subject:	
		English Lit. and Lang.	
		https://www.teachmint.com/enroll/8174	
		59667/60bd9eda16d0cd633513b703	
		Classroom ID: 817459667 Subject:	
		English Language and Literature	
		https://www.teachmint.com/enroll/1263	
		74728/60bd9eda16d0cd633513b703	
		Classroom ID: 126374728 Subject:	
		Language and Literature	
		https://www.teachmint.com/dashboard	
 Vineetha M.K.	WhatsApp students group	Link of GCR	71
	for communication, to	https://classroom.google.com	
	send links to various	/u/0/c/Mjk4ODA3NjM2Mzc	
	resources, and for sending	$\frac{3}{2}$	
	teacher made	Youtube channel link	

	 presentations for the materials taught Google forms used for student assessment for reading comprehension prior to instruction and further for after instruction. Video lectures provided through YouTube channel Student made videos collated to create a learning repertoire for MA students. 	https://www.youtube.com/ch annel/UC8YXSEpmogfEQs_ A3nYDwGw	
Reena C.M.	Google meet Google classroom Google slides Google form	GCR https://classroom.google.com/c/Mzc1N DA0NjU3OTE1?cjc=yuqg3lb – 1 sem Computer Science and B Com https://classroom.google.com/c/MTA5N Dk3NjkyNDkx?cjc=6e7ozaq – Third & Fourth Sem English https://classroom.google.com/c/MTExN zE3NTY5MjQw?cjc=eov32ua- Third & Fourth Sem Chemistry https://classroom.google.com/c/MTA5N Dc3ODUyNjI4?cjc=soju3h6 - Third & Fourth Sem History https://classroom.google.com/c/MTExN zE3NTcwMjM4?cjc=6wnl46s – Third & Fourth Sem Maths https://classroom.google.com/c/MTA4O DMzMTY5NzQw?cjc=ltk5c4y – Third & Fourth Sem FCs https://classroom.google.com/c/MTA3N zIwMjcwNjE1?cjc=yxzkvos - Third & Fourth Sem Botany https://classroom.google.com/c/NDYzO DE0MTk4NzU4?cjc=d7pbnv3 – PG 1 https://classroom.google.com/c/MjkzNji Q5MTg3OTM5?cjc=njiqfcy – PG 2	139
Siddique P.	Google Meet WhatsApp group Google classroom Zoom		

Evidence of success: the effective integration of technology-based learning strategies and flipped learning methods, students got the opportunity for remote learning in effective and engaging way. It helped in achieving learning outcomes of courses and the programme. The all-time availability of the teacher facilitators helped the learners to stay connected with the academic processes. The slow learners could use the recorded sessions for self-paced learning. Any time and any where learning were also facilitated through this flipped learning methods. Students could familiarise different tools for learning, Thus the whole practice helped in inculcating 21st century skills and future ready skills among the leaners as envisaged in NEP 2020.

Problem encountered: The lack of proper device to access classes was a major problem faced. More over the lack of internet connectivity was also a hindrance in achieving the goal completely. Institution ensured the g suit facility and connectivity to address some problems faced during the implementation.

Resources required: Internet connectivity with sufficient bandwidth, ICT tools, Smart Device for facilitating the activity.

Additional information:









BEST PRACTICE OF THE DEPARTMENT 2022-23 KAHM Unity Women's College, Manjeri

Programme Report

1.Name of the programme	Economic and social survey relating to status of women entrepreneurs in Eranad taluk.
2.Aim, Objectives, and Scope of the programme	To understand the economic and social status enjoyed by the women entrepreneurs. To suggest measures for the empowerment of their financial, technical and administrative Sufficiencies.
3.Name of the coordinator/organizing secretary	Convener : Mr.T.T.ABDUL RAZAK Investigator : Ms.SHILPA P.K
4.Date of programme	02-01- 2023 To 22-01-2023.
5.Mode of the programme(offline/online)	Offline
6.Total number of attendees/participants	50
7.Organizing body	PG Department of Commerce

2 Organizing committee members	
8.Organizing committee members	Mr.T.T.ABDUL RAZAK, Ms.SHILPA P.K,
	GAYATRI MOHAN, HAFEEFA C P, NIHLA.
9.Students' involvement in	Field visit, data collection, data processing,
	report writing under the guidance of
	Mr.T.T.ABDUL RAZAK, Ms.SHILPA P.K
	Entrepreneurship is one of the key drivers of
10.Detailed report of the programme	our economy. It is the process of setting up
	one's own business which is distinct from
	other economic activities – employment and
	profession. A woman entrepreneur is
	therefore a confident, creative and innovative
	woman desiring economic independence
	individually and simultaneously creating
	employment opportunities for others. The
	data is collected from 50 women
	entrepreneurs of Eranad Taluk in
	Malappuram district has been studied. The
	study has been conducted to know how
	transformation has occurred in the women
	roles in entrepreneurial world. Also the study
	talks about the status of women
	entrepreneurs and the problems faced by
	them when they ventured out to carve their
	own niche in the competitive world of
	business environment. The study is covered
	the period of 3 weeks starting from 2nd
	January 2023 to 22nd January 2023. Primary
	data is collected by using structured
	questionnaire. The data was analysed using the statistical tools.
	Through this a thorough introspection of the problem is done. The study reveals that
	majority of the women entrepreneurs
	involved in craft and tailoring sector. Self-
	dependency is the most important factor that
	influenced women to start business
	enterprise. Inadequate finance and higher
	marketing expenses are the main problems
	faced by women entrepreneurs. However,
	the overall performance of the business is
	very appreciable.
11.Feedback of the programme	It proved to be very useful because a list of
	suggestions could be prepared and submitted

	to the stakeholders for the overall	
	improvement in their status.	
12.Feedback analysis	Improvement in men status.	
	FEEDBACK ANALYSIS	
	20% 0% 50% 30% 50% 30% • VERY USEFUL • USEFUL • NEUTRAL • NOT USEFUL • NOT AT ALL USEFUL	
13.Outcome, Evaluation, and results of the programme	Through the survey conducted, it's found that, women entrepreneur are not feeling comfortable to the difficulties facing like shortage of finance, marketing difficulties, lack of support from family, social stigma etc a few pragmatic measures were suggested to keep the eyes open of the government authorities, societies etc	
14.Signature of the organizing secretary		

18.Do you	generally feel you are able to balance your business and family
life?	
Very we	ell balanced Somewhat balanced Balanced
Somewl	hat out of balanced Very out of balanced
19.How we	ell is your business operating currently?
Р	rofitable Just running
C	Good enough to survive Require more help to expand
20.Do you	have any plan for expanding your business?
Y	Yes No
21.What is	your opinion about making of women entrepreneurs?
Т	They are born They are made
Т	They are born & can also be made
22.In your	opinion which type of business enterprise give more opportunities
to wom	en entrepreneurs?
S	ervice Trading
Ν	Aanufacturing Shops
23.How we	ould you like to educate other women to take up entrepreneurship
roles?	
S	haring motivational videos on social media
C	Conduct public seminar
S	haring educative materials
D	Develop interactive applications
C	Others (Please specify)
24.State yo	our overall satisfaction in your business?
Highly	satisfied Satisfied Neither satisfied nor dissatisfied
Dissatis	fied Highly dissatisfied

10.Do you give preference to female employees?
Yes No
11. How do you advertise you product/ service?
Social media Magazine Sponsorship
TV Fairs & exhibitions
12. What are the problems faced by you while running the business
enterprise? (Put tick mark on the following)
Start-up finance Lack of proper training
Lack of family support Not aware about govt. scheme
Legal formalities High price of raw materials
Insufficient govt. support Marketing problems
13. Have you attended any training from govt. or other agencies ?
Yes No
14.State your level of awareness about the measures taken by the government
to support & promote women entrepreneurs.
Fully aware Partially aware Unaware
15.a) Have you received any assistance from governmen?
Yes No
b) If yes, are you satisfied with the availed benefit?
Highly satisfied Satisfied Neither satisfied nor dissatisfied
Dissatisfied Highly dissatisfied
16. What is the main reason for starting an enterprise in this particular area?
Good working atmosphere Transportation facilities
Availability of raw materials Availability of workers
Others
17.Do you insure your business?
Yes No

2. Type of busines	S
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Professional services Manufacturing industry]
Craft & tailoring Food processing]
Beauty parlour Trading	
Others (Please specify)	
3. Amount of capital invested in business	
Below one lakh 1-5lakh	
5-10 lakh Above 10 lakh	
4. Size of business	
Large size Medium size Small size	
5. Do you have trading license?	
Yes No	
6. Number of years of experience	
Less than one year 1-3 years	
3-5 years Above 5 years	
7. What are the motivating factors influenced you to start this busin	less
enterprise? (Rank the factors as no 1, 2, 3, & so on)	

Factors	Rank
Self-dependency	
Hobby	
Family inspiration	
Financial rewards	
Social status	
Govt. promotional measures	

8. Which of the following resources of finance you have used to start the

business?

Loan from bank		Personal borrowings	
Govt. assistance		Assistance from family	
9. Number of employees in	your busin	ess.	
Less than 3	3-5	More than 5	

PG DEPARTMENT OF HOME SCIENCE

I. EARN WHILE LEARN PROGRAMME

Earn while learn programme is an initiative by the PG Dept. of Home Science for the students with the objective to make the students self-sustained during their time of studies for getting work experience and providing hands-on training while studying. In this programme, the students have the facility to put their stalls on every Friday from 12.30 to 2 pm.

15-07-2022

Second semester MSc Home Science (Nutrition and Dietetics) students arranged 'Pop-a-Corn' food stall in front of APJ Abdul Kalam Block at 12.30pm. They prepared different varieties of popcorn such as Butter, Chocolate, Caramel, Normal and Masala popcorns in the Nutrition Lab and kept them in the arranged stall for sale. Teachers and students from various departments visited the stall and all the items were sold. The students gained good profit from the stall. Also, they shared a part of their profit in the palliative box in the college.





II. DIET CLINIC

The Department of Home Science conducted a diet counselling centre on all Fridays (1 to 2 pm) with the purpose of extending awareness and knowledge about healthy diet and lifestyle to the public. The students are also trained to provide counselling to various health related issues with the view to train them as health ambassadors. Important day's specific to nutrition and health are observed to create awareness among students and the public. All the sectors like students, teachers and staff are covered with special emphasis on lifestyle disorders and non-communicable diseases.

The regular activities include anthropometric measurements, biochemical estimation, biophysical analysis, and assessment of Knowledge, Attitude and Practice (KAP), Disease Detection Camps, observation of important health days and conduct of awareness programmes.

Mission

• To promote the health of the faculty members, staff, students and the public

Vision

- To create awareness among the public on health related issues
- To motivate all to lead a healthy life
Co-ordinator

• Mrs.Shahla Karuthedath

MONTH	DATE	TOPIC	NO OF PARTICIPANTS
June	3/6/2022	Diet in PCOD	15
	10/6/2022	Diet in Thyroid	10
	17/6/2022	Diet in Diabetes	30
	24/6/2022	Diet in Obesity	25
November	25/11/2022	Diet in gastritis	8





III. PEER LEARNING IN PLANNING NORMAL & THERAPEUTIC DIETS

Peer groups, each with a leader, were formed in V semester B Sc Family & Community Science class in order to facilitate and guide the students in planning normal and therapeutic diets. Planning a balanced diet with adequate supply of nutrients for different stages of life and the dietary modifications for different disease conditions is a laborious process and it needs expertise and patience. In order to simplify the process and for providing effective training in planning such diets, peer groups were formed in V semester B Sc Family & Community Science class. The students who are good at diet planning and nutritive value calculation were identified as peer group leaders.

The outcomes of this peer group learning are:

- 1. facilitated better learning in weaker students or slow learners
- 2. simplified the task of teacher
- 3. individual attention to students
- 4. developed leadership qualities in students
- 5. healthy interpersonal relations with better tolerance







IV. PROMOTING ALUMNI ENTREPRENEURS THROUGH EXTENSION COUNTER - ALUMNI ENTREPRENEURS MELA- TEAMIO 2K23

The alumni who are entrepreneurs in various fields were promoted by providing opportunities to sell their products inside and outside college. The PG department of Home Science offers Extension Counter on Friday, once in a month for the sale of popularization of their products. Apart from that, their products have been promoted by recommending and purchasing them for various purposes in and around the department.

PG Department of Home Science conducted Home Science Alumni Entrepreneurs Mela, 'Teamio 2K23' on 15 February 2023 at college ground on the day of annual sports meet. The college Principal Dr. Muhammed Basheer Ummathur, The Manager Jb. O. Abul Ali and Vyshakh S. R, Captain of Indian Amputee Football team jointly inaugurated the function. In the mela, the alumni were given a platform to use their skills to exhibit and sell their goods. The event consisted of six stalls which include dress materials, varieties of food

stalls and scented candles. Alumni members from different batches arranged stalls. The faculty coordinator for the programme was Mrs. AS Anitha Begum, Associate Professor, Dept. of Home Science.









1. Feedback of the programme:

The overall responses of the students for this proposal presentation suggests that the proposal presentation was very informative. They got different ideas for their reaserach topic. One of the suggestions they put forward was that they need more help from teachers for finding out the topics for research.

Faculty in charge (Criteria VII) Dr. NV Fatimathu Zuhara Assistant Professor DQAC Convenor Dr. NV Fatimathu Zuhara Assistant Professor

Head of the Dept Mrs. AS Anitha Begum Associate Professor

Title of the Practice-Motivation for Higher Education in Reputed Universities and Institutes

Objectives of the Practice

To motivate students to enrich their subject knowledge

To promote self-learning

To guide students for admission in reputed Universities and Institutes

The Context

For students in the higher education sector, the institution they study in is as important as the course they study. If a student gets admission in a good institution, she will excel herself in her studies and career. With this vision, the department organized motivational visits to National Institute of Technology Calicut, Kerala School of Mathematics and Cochin University of Science and Technology in the past years. In 2021-22 HEI's did not allow outside students to visit the campus due to Covid 19 protocol. In this context, the department organized a series of online lectures called MATHEAC for students enrolled in premier institutes of Kerala. In 2022-23, the department organized institutional visits to Jamia Millia Central University, University of Calicut, ISRO, Mar Ivanious College and Viswesarayya Industrial and technology museum.

The Practice

In 2018-19, the Department organized a trip to NIT Kozhikode, Kerala School of Mathematics, Kozhikode. Students interacted with faculty members and researchers from NIT and KSOM. A visit to Cochin University of Science and Technology was organized in 2019-20. Interactive sessions were held with faculty members and research scholars from the Department of Mathematics, Department of Statistics and Department of Computer Applications.

Due to Covid 19 protocol, in 2021-22, Department conducted a series of online sessions entitled *MATHEAC- Career Path for Mathematics majors*. Seven experience sharing sessions were conducted by making the students who got admission in higher institutions and universities as resource persons as listed below.

Sl No	Date	Guest	Institution of	Course	No of
			Affiliation	Introduced	Students
					attended
1	19/02/2022	Ms. Nanda R	Kerala School of	Integrated	40
			Mathematics, Calicut	MSc+PhD	
2	05/03/2022	Mr. Nikhil Sajan	IIITM, Trivandrum	MSc Computer	39
				Science	
3	08/03/2022	Ms. Zainab	NIT Calicut	MSc Mathematics	41
		Kammappa			
4	10/03/2022	Mr. Mohammed	IIT Palakkad	MSc Mathematics	40
		Shameem			
5	12/03/2022	Ms. Shahla	CUSAT, Cochin	MSc Mathematics	40
		Abdulla P			
6	14/03/2022	Mr. Joel Sleeba	IISER Trivandrum	MSc Mathematics	40
7	09/04/2022	MS.	Central University of	MSc Mathematics	41
		Sreelakshmi	Kerala, KAsaragod		
		Chandran			

In 2022-23, department organised a visit to ISRO space launching station, Veli, on 16th November 2022, as a part of Experiential learning. The demonstration of space launching was helpful to understand the real-life applications of conic sections, parametric

equations, polar coordinates. 30 students from 3rd semester BSc Mathematics participated in the programme.



Department organised a visit to Mar Ivanios college, Thiruvananthapuram, one of the first autonomous college in the state, for student Exchange programme on 16th November 2022. A session on Approximations Used in Satellite Launching was presented by Dr.Jill, Assistant professor, Department of Mathematics, Mar Ivanios college. 30 Students from 3rd semester BSc Mathematics participated in the programme. Students and accompanying teachers interacted with teachers and students of the college and discussions based on the syllabus and content delivery were made.



Department organised motivational visit to Jamia Millia Central University on 17th January 2023, with our 6th semester BSC mathematics students. The students interacted with the students of department of mathematics and research scholars and visited the university library.



MENTAL HEALTH COUNSELING SERVICES KAHM Unity Women's College, Manjeri Best practice of the department 2022-23 Programme Report

1.Name of the programme	Ventilate your Emotions
2.Aim, Objectives, and Scope of the programme	To encourage student's academic, social, emotional, & personal development and to understand student's mental health
3.Name of the coordinator/organizing secretary	Fidha rahman
4.Date of programme	June 2022- march 2023
5.Mode of the programme(offline/online)	Offline
6.Total number of attendees/participants	13
7.Organizing body	Dept. of psychology

8.Organizing committee members	 Fidha rahman fathima shirin K A Shifana P
9.Students' involvement in organizing the programme	To make awareness of mental health among college students and introducing the counselling services offered by department.
10.Detailed report of the programme	Under the department of psychology, counselling services provided for need based students. Students can share their emotions, academic problems, personal problems confidentially to the counsellor at any time. Under this service, 13 students took appointments from various departments. And the counsellor ventilates their emotions and guides them properly. Follow up sessions also done by the counsellor.
11.Feedback of the programme	The counselling services provided very useful to students to share their problems and get solutions properly
12.Outcome, Evaluation, and results of the programme	Through the counselling session students can enhance their self-esteem, self- acceptance and also the level of mental health .the students can improve their academic & interpersonal skills through the session.
14.Signature of the organizing secretary	



AUDIO BOOKS FOR THE VISUALLY IMPAIRED





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3	1374	BIBI SHAHMA PP	O+ve	II yr, BSc. Botany 22-23
4	1377	ESATH JANNA SHERIN	O+ve	II yr. BSc. Botany 22-23
5	1380	FATHIMA FIDHA C K	Otve	II yr. BSc. Botany 22-23
6	1382	FATHIMA NIDHA	O+ve	II yr. BSc. Botany 22-23
7	1386	HUSNA MARJAN O V	Otve	11 yr. BSc. Botany 22-23
8	1390	NAVAZISH K	Otve	II yr. 88c. Botany 22-23
9	1394	SHABINSHA SHERIN TH	Otve	II yr. BSc. Botany 22-23
10	1395	SHAMEEMA A K	Otve	II yr. BSc. Botany 22-23
11	1402	MEGHA M RAJEEV	O+ve	II yr. BSc. Botany 22-23 II yr. BSc. Botany 22-23
12	1456	SUHAILA K	Otve	
13	1408	ANASWARA A	Otve	II yr. BSc. Botany 22-23
4	1416	SHAHARBAN C	Otve	II yr. BSc. Botany 22-23
5	1419	SNEHA A P	O+ve	II yr. BSc. Botany 22-23
6	1420	NAYANA MADHUP	O+ve	II yr. BSc. Botany 22-23
7	1432	ASNA V	Otve	II ут. BSc FCS 22-23
8	1434	FATHIMA MURSHIDHA	Ofve	II yr. BSc. FCS 22-23
19	1437	FATHIMA SHERIN A	Otve	11 yr, BSc, FCS 22-23
20	1438	FATHIMA SHERIN P	O+ve	11 yr. BSc. FCS 22-23
21	1444	NAJBA U K	O+ve	11 yr. BSc. FCS 22-23
22	1456	AATHILA JASMIN P.P.	O+ve	Ц уг. BSc, FCS 22-23
23	1458	FATHIMA DILRAZ K C	Otte	II yr. BSc. FCS 22-23
24	1463	RISHANA P.P.	Otve	II yr. BSc. FCS 22-23
25	1464	SHAIBA T	O+ve	II yr. BSc. FCS 22-23
26	1468	RASMIYATH C P	O+ve	II yr. BSc. FES 22-23
27	1469	RIFATK	Otve	II yr. BSc. FCS 22-23
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1	1436	FATHIMA SHAMEEMA T P	0-ve	Il yr BSc. FCS 22-23
2	1441	MUHSINA	O-ve	II yr. BSc. FC5 22-23
3	1446	NIBA FATHIMA V	O-ve	II yr. BSc. FCS 22-23
4	1451	RUTHBA SULTHANA KM	O-ve	II yr. BSc. FCS 22-23
4	1459	FATHIMA FARSANA C	O-ye	II yr. BSc. FCS 22-23

Department of Zoology- Blood Group Directory New entries in 2022-23

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Prof. (Dr). Muhammed Basheer Ummathur Principal Korambayil Ahamed Haji Memorial Unity Women's College, Manieri Narukara (PO), Malappuram (DT), Kerala PEN: 469626

D,

Dr. SHAHINA MOL. A. K. IQAC Co-ordinator KAHM Unity Women's College, Manjeri, Malappuram, Kerala.