

MES ASMABI COLLEGE, P.VEMBALLUR

MONTHLY REPORT

Department: Botany Month: March Year: 2024

1. **Hours of teaching** by the Faculty members:

Sl. No	Name	No. of Hours Allotted including practical	No. of Hours Engaged including practical
1	Smt. Shaheedha TM	57	42
2	Dr. Girija T.P	58	58
3	Dr. Amitha Bachan KH	58	54
4	Dr. Jisha KC	58	55
5	Smt. Shemi C.B	58	55
6	Smt. Nazeema M.K	53	50

2. Details of **Portions** completed:

Sl. No	Name of the Teacher	Portions covered this month Indicate course and module as per action plan	Percentage of work pending for this semester
1	Smt. Shaheedha TM	<p>BSc IV Sem-</p> <p>Biostatistics- Correlation and regression</p> <p>Test of hypothesis-Null hypothesis and chi-square test</p> <p>Alotted portions completed</p> <p>BSc VI Sem-</p> <p>Bioinformatics- Allotted portions completed</p> <p>Plant Breeding- Allotted portions completed</p> <p>Practicals- completed</p> <p>MSc II Sem:</p> <p>Biostatistics- Introduction</p> <p>Plant Breeding- Biometrical techniques in plant breeding</p> <p>Intellectual Property Rights</p> <p>Evolution-Reproductive isolation and origin of species</p> <p>Practicals- Hybridization completed</p>	<p>35%</p> <p>0%</p> <p>0%</p> <p>0%</p> <p>60%</p>

		MSc IV sem: Ecology- introduction Project work ongoing	60%
2	Dr. Girija T.P	IV Sem B.Sc - Biophysics - Allotted portions completed Biostatistics - Allotted portions completed Practicals - pH completed VI Sem B.Sc - Allotted portions completed Students seminar completed Practicals completed IV Sem MSc - Pathology introduction completed Students seminar remaining Practicals completed Project work ongoing II Sem MSc -- Genetics - Allotted portions completed Students seminar remaining Cytogenetics - Introduction completed	0% 0% 50% 0% 0% 0% 40 0% 0% 20% 90%

		Practicals - Cytogenetics problem completed	0%
		Genetics problem completed	0%
3	Dr. Amitha Bachan KH	<p>VI Sem BSc</p> <p><i>Environmental Science</i></p> <p>All modules complete except, Seminars completed</p> <p>Practical Model and University Examination over</p> <p><i>Physiology</i></p> <p>All modules completed including seminars</p> <p>Practical Model and University Examination over</p> <p>II Msc Botany</p> <p><i>Ecology and Forest Botany</i></p> <p>All modules except seminars and one module in Forest Botany Remaining</p> <p>IV Msc Botany</p> <p>All Modules completed</p>	<p>100%</p> <p>100%</p> <p>80%</p> <p>100%</p>

4	Dr. Jisha KC	<p>BSc VI th Sem- Elective- Genetics & Crop improvement Allotted portions completed</p> <p>BSc Second Sem -Introduction, fungal general characters completed</p> <p>MSc Second Sem -Cell Biology- Cell division, chromosome banding completed</p> <p>MSc fourth Sem: Elective- Introduction completed. Students are doing project works</p>	<p>0%</p> <p>80%</p> <p>40%</p> <p>30%</p>
5	Shemi C B	<p>BSc Second Sem- Microbiology -Bacteria- Features and types completed</p> <p>BSc VIth Sem- Molecular biology and Biotechnology-Allotted portions completed.</p> <p>II Sem MSc- Molecular Biology- Replication in prokaryotes completed.</p>	<p>90%</p> <p>0%</p> <p>75%</p> <p>0%</p>

		IV Sem MSc - Allotted portions completed.Students are doing project works	
6	Nazeema M.K	<p>IV Sem B.Sc - Microtechnique, Sources of references Allotted portions completed</p> <p>VI Sem B.Sc Botany - Completed the allotted portions Metabolism - oxidative phosphorylation and beta oxidation completed.</p> <p>II Sem M Sc- Environmental pollution - Land, Water and Air Pollution</p> <p>IV Sem M Sc- Students are on project work</p>	<p>0%</p> <p>0%</p> <p>60%</p> <p>90%</p>

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3. **Extra** classes & **Tutorial** hours engaged:

Sl. No	Dates	Name of the Teacher	Subjects	No. of students present
1	07.03.2024	Dr. Girija TP	Tutorial	15
2	16.03.2024 & 22.03.2024	Dr. Girija TP	Genetics	10
3	23.03.2024	Dr. Jisha KC	Tutorial	20
4	04.03.2024	Nazeema M K	Tutorial	34
5	25/03/2024	Shemi C B	Tutorial	19
6.	14/03/2024	Dr. Amitha BAchan KH	Revision and Exam Preparation / Environmental Science and Physiology	32
6	20-3-2024	Shaheedha T.M	Tutorial	20

4. **Remedial classes** arranged/engaged by the Department/teachers. (Indicate the duration if it is a bridge course)

Sl. No	Dates	Name of the Teacher	Subjects	No. of students present
1				
2.				
3.				

5. **Class P.T.A** Conducted:

6. **Academic Mentoring** given to slow and advanced learners

Programme UG/PG	Slow learners (Names)	Advanced learners (Names)	Faculty member with date
IV Sem M Sc Botany	Hima EP Akshaya KK	Aswini S. Guptha	Dr. Girija TP 13.03.2024
II Sem B Sc Botany	Adith EU	Fathima Afrin	Jisha K.C. 12.03. 2024
VI Sem Botany	Neha P S	Sulthana P N	Nazeema M K 05.03.2024

7. Use of **ICT/E-learning** technology.

Sl. No	Name of the Teacher	ICT Resources Use
1	Smt. Shaheedha TM	Google classroom, MOODLE, PPT, PDF, MP4 video, Doc, video link
2	Dr. Girija T.P	PPT, Google classroom, MOODLE, PDF, Video link,
3	Dr. Amitha Bachan KH	PPT, You tube, Video tutorial, Moodle, Interactive web live, Participatory learning and Discussion.
4	Dr. Jisha KC	PPT, PDF, Doc., MOODLE, Youtube Videos
5	Smt. Shemi CB	PPT, Animations, Audio, Doc, MOODLE, Google Classroom
6	Smt. Nazeema M.K	PPT, PDF, Online tools, Google Doc, Video Link, Web Link, Google Classroom, LMS

8. Details of **Examination duties** taken

Sl. No	Dates	Name of the Teacher	Name of the Examination (Internal/University)	Invigilation duty	Valuation duty	Practical Exam duty

1	06/03/2024	Dr. Girija TP	University	Invigilation duty (I Sem UG)		
2	07/03/2024	Dr. Girija TP	University	Invigilation duty (I Sem UG)		
3	11/03/2024	Dr. Girija TP	University	Invigilation duty (I Sem UG)		
4	13/03/2024 & 15/03/2024	Dr. Girija TP	Internal			VI Sem UG Model Practical exam at MES Asmabi College, P. Vemballiur
5	18/03/2024	Dr. Girija TP	University		I Sem PG CV camp at Mercy College, Palakkad	VI Sem UG Practical examination at Little Flower College, Guruvayur
	19/03/2024, 20/03/2024 & 21/03/2024	Dr. Girija TP	University			

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3	05.03.2024	Nazeema M K	University	I Sem UG Invigilation Duty		
	13.03.2024	Nazeema M K	Internal	VI Sem UG Practical Model Examination - Paper II		
	18.03.2024	Nazeema M K	University			VI Sem UG Practical - Paper III examination at KKTM College, Guruvayur
	20.03.2024	Nazeema M K	University			VI Sem UG Practical - Project evaluation at Little Flower

1	05/03/2024	Dr. Jisha KC	University	Invigilation duty (I Sem UG)	
2	07/03/2024	Dr. Jisha KC	University	Invigilation duty (I Sem UG)	
3	13/03/2024 & 15/03/2024	Dr. Jisha KC	Internal		VI Sem UG Model Practical exam at MES Asmabi College, P. Vemballiur
4	20/03/2024	Dr. Jisha KC	University		VI Sem UG Practical examination at KKTm College, Pullut
5	21/03/2024	Dr. Jisha KC	University		VI Sem UG Practical examination at Little Flower College, Guruvayur
6	22/03/2024	Dr. Jisha KC	University		II Sem PG Practical examination at Carmel College, Mala

4	06/03/2024	Shemi C B	University	Invigilation duty (I Sem UG)		
	14/03/2024	Shemi C B	University	Invigilation duty		VI Sem UG Practical examination at Carmel College, Mala
	12/03/2024	Shemi C B	University			
	15/03/2024	Shemi C B	Internal			VI Sem UG Model Practical examination at MES Asmabi College, P.Vemballur
	18/03/2024	Shemi C B	University			
	19/03/2024 & 22/03/2024	Shemi C B	University			VI Sem UG Practical examination at S N College, Nattika
						I Sem PG CV camp at Mercy College, Palakkad

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9. **Involvement** of department teachers in the Post accreditation work, IQAC, AQAR, Criteria monitoring & documentation. (NIRF, AISHE, ISO etc. can also be included)

Sl. No	Name of the Teacher	Contribution to Quality Sustenance
1	Dr. Jisha KC	SSR Preparation work
2	Dr. Girija TP	Criteria 2 -Monitoring and documentation work
3	Dr. Amitha Bachan KH	NAAC Coordinator- SSR Writing - its monitoring - Review and Support. SSRup loading Fourth Cycle, Special, Website, College planning, preparation of college ERP-- Team coordinator, Eco restoration extension and research program. Special Auditing for NAAC, New Reserach Project from KSBB

4	Smt. Shemi CB	Criteria - documentation work
5	Smt. Nazeema M.K	Criteria 5 - documentation work Scholarship Liaison Officer Certificate Course on Mushroom Cultivation- Convener

10. Details of **publication** and/or **presentation** by faculty members:

Sl. No	Name of the Teacher	Title of the paper published/presented	Conference organizer/Journal & publisher	ISSN/Care list index number/IF	Month date if any
1.	Dr. Amitha Bachan KH	Environmental Conservation and Forest Right ACT	Conference by District Saksharatha Mission - LSGD Government of Kerala	no	26th March 2024

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11. Refresher course/ Workshops/ FDP/ STC / Seminars etc. **participated** by the teachers.
(Title of seminar, Agency, Place and dates (duration) conducted may be indicated) :

Sl.No.	Name of Faculty	Title of seminar	Agency	Place and date
1	Dr. Girija TP	National Science Day Celebrations - Nuclear Radiation in Perspective		MES Asmabi College, P. Vemballur - 04/03/2024
2	Dr. Jisha KC	National Science Day Celebrations - Nuclear Radiation in Perspective		MES Asmabi College, P. Vemballur - 04/03/2024
3	Shemi CB	National Science Day Celebrations - Nuclear Radiation in Perspective		MES Asmabi College, P. Vemballur - 04/03/2024

12. Details of Seminars/conferences, Webinars, Workshops, FDP, Training Programmes, Skill enrichment programmes, Fests, invited talks, Association activities **organized** by the dept.
(with date & Invited Guest's name, indicate whether it was intra-college or inter-college, state, national or international and indicate the participation details.):

Sl. No.	Title of the event	state/national / international	Date	Invited guest's name	intra-college/ inter-college	participation details
1	National Science Day	Local	4-3-2024	Dr. Gopalakrishnan RK, BARC	Intra-college	Participated students of Physics and Botany

13. Cultural fests/Sports conducted, number of students **participated & achievement** of the Department (from College level onwards):

14. Additional Information if any:

NATIONAL SCIENCE DAY CELEBRATION 2024

National Science Day is celebrated across India on February 28th every year to commemorate the discovery of the Raman Effect by Sir C.V. Raman in 1928. This day serves as a reminder of the importance of science in our lives and provides a platform for discussions and seminars on various scientific topics. Department of botany in association with science forum and Department of Physics, MES Asmabi College celebrated this event by organizing a talk on 'Nuclear Radiation in Perspectives'. The talk was delivered by Dr. R.K. Gopalakrishnan, Head (Rtd), Radiation Hazards Control Section, BARC, Mumbai on 4th March 2024. The resource person detailed the importance of nuclear radiation and its applications and hazards. Students interacted with the resource person and he also shared his experience in BARC. Resource person also elaborated the research and job opportunities in BARC.

Brochure and photographs are attached.

MES ASMABI COLLEGE,
P. VEMBALLUR, KODUNGALLUR

National Science Day Celebration 2024

PG Department of Physics
& Research Department of Botany
Presents

Talk on 'Nuclear Radiation
in perspective'

4th March 2024
10 am
Seminar Hall

RESOURCE PERSON:

Dr. RK Gopalakrishnan
Head (Rtd),
Radiation Hazards Control Section
BARC, Mumbai



In Association with
Science Forum
Bhoomitrasena club

Technical support:



Co-ordinators:
Dr. Ebitha Eqbal
Dr. Jisha KC

Dr. Sheena PA,
HOD Physics

Dr. Girija TP,
HOD Botany

Principal
Prof (Dr.) A Biju

Focal Theme 2024
'Indigenous Technologies For Viksit Bharat'





Date

Countersigned by Principal

Signature of the HOD

Head of Department
Research & PG Dept. of Botany
MES Arniath College
P. Vambalur, Thrissur Dt.
Kerala - 680 671

MES ASMABI COLLEGE, P. VEMBALLUR
MONTHLY REPORT

Department: Fish Processing Technology

Month: February Year: 2024

1. Hours of teaching by the Faculty members:

Sl. No	Name	No. of Hours Allotted including practical	No. of Hours Engaged including practical
1.	Dr. Sayana K. A.	26	26
2.	Ujjwala Navas	25	25
3.	Sugaina Sulaiman M. S	32	29
4.	Vaishna P. U.	29	27

2. Details of Portions completed:

Sl. No	Name of the Teacher	Portions covered this month Indicate course and module as per action plan	Percentage of work pending for this semester
1.	Dr. Sayana K. A.	Sem IV – Intellectual Property Rights	50
		Sem IV – Biostatistics and Computer Application	50
2.	Ujjwala Navas	Sem IV – Cured and Dried Fishery Products	50
		Sem II – Post Harvest Handling of Fishery Products	50
3.	Sugaina Sulaiman M. S.	Sem IV – Natural Resource Management	50
4.	Vaishna P. U.	Sem IV – Thermal processing of Fishery Products	50

3. Extra classes & Tutorial hours engaged:

Sl. No	Dates	Name of the Teacher	Subjects	No. of students present
NIL				

4. **Remedial classes** arranged/engaged by the Department/teachers. (Indicate the duration if it is a bridge course)

Sl. No	Dates	Name of the Teacher	Subjects	No. of students present
NIL				

5. **Class P.T.A** Conducted

Sl. No	Programme, batch, date	Agenda	No. of parents present
1			

6. **Academic Mentoring** given to slow and advanced learners

Programme BA/BSc/BCom	Slow learners (Names)	Advanced learners (Names)	Faculty member with date
NIL			

7. Use of **ICT/E-learning** technology.

Sl. No	Name of the Teacher	ICT Resources Used
1.	Dr. Sayana K. A.	PPT, PDF, Youtube videos
2.	Ujjwala Navas	PPT, PDF, Youtube videos
3.	Sugaina Sulaiman M. S.	PPT, PDF, Youtube videos
4.	Vaishna P. U.	PPT, PDF, Youtube videos

8. Details of **Examination duties** taken

Sl. No	Dates	Name of the Teacher	Name of the Examination (Internal/University)	Invigilation duty	Valuation duty (CV, CMV)	Practical Exam duty
1	31-01-2024	Dr. Sayana K. A.	University			
2	30-01-2024	Vaishna P. U.	University			
3	29-01-2024	Ujjwala Navas	University			
4	23-01-2024	Ujjwala Navas	University			
5	17-01-2024	Vaishna P. U.	University			
6	17-01-2024	Ujjwala Navas	University			
7	12-01-	Dr. Sayana K.	University			

	2024	A.				
8	09-01-2024	Vaishna P. U.	University			
9	08-01-2024	Ujjwala Navas	University			
10	05-01-2024	Dr. Sayana K. A.	University			

9. **Involvement** of department teachers in the Post accreditation work, IQAC, AQAR, Criteria monitoring & documentation. (NIRF, AISHE, ISO etc. can also be included)

Sl. No	Name of the Teacher	Contribution to Quality Sustenance
1.	Dr. Sayana K. A.	Handling the matrix 1.3 under criteria 1
2.	Ujjwala Navas	Assisting Criteria 3 Head in collecting and entering the data reg. 3.3.7
3.	Sugaina Sulaiman M. S.	Assisting for data collection on Library Services under Criteria 3
4.	Vaishna P. U.	Assisting Criteria 7 Head in collecting and entering the data

10. Details of **publication** and/or **presentation** by faculty members:

Sl. No	Name of the Teacher	Title of the paper published/presented	Conference organizer/Journal & publisher	ISSN/Care list index number/IF	Month date if any
NIL					

11. Refresher course/ Workshops/ FDP/ STC / Seminars etc. **participated** by the teachers. (Title of seminar, Agency, Place and dates (duration) conducted may be indicated)

Name of the Teacher: Dr. Sayana K. A.			
Sl.No.	Program	Date	Organized by

Name of the Teacher: Ujjwala Navas			
Sl.No.	Program	Date	Organized by

Name of the Teacher: Sugaina Sulaiman. M. S.			
Sl.No.	Program	Date	Organized by

Name of the Teacher: Vaishna P. U.			
Sl.No.	Program	Date	Organized by


12. Details of Seminars/conferences, Webinars, Workshops, FDP, Training Programmes, Skill enrichment programmes, Fests, invited talks, Association activities **organised** by the dept. (with date & Invited Guest's name, indicate whether it was intra-college or inter-college, state, national or international and indicate the participation details.)

13. Cultural fests/Sports conducted, number of students **participated & achievement** of the Department (from College level onwards)


14. Additional Information if any:

Date 20/03/2024

Countersigned by Principal


Signature of the HOD




PRINCIPAL
M.S. ADARSH COLLEGE,
P.O. P. VENKALLUR,
KOTTURAMBALLUR 680 671