



SHAHEEDHA T.M

CURRENT POST

**Assistant Professor, Research & PG Department of Botany,
MES Asmabi College, P.Vemballur- 680 671, Thrissur Dt.**

SUBJECTS TAUGHT

UG Level: Phycology, Biostatistics, General Informatics, Bioinformatics, Plant Breeding, Horticulture

PG Level: Phycology, Embryology, Palynology, Plant breeding, Biostatistics, Bioinformatics, Ecology and Environmental Biology

RESEARCH EXPERIENCE

- CSIR- JRF at School of Marine Sciences, CUSAT, Kochi, 2010
- Pursuing PhD on ' Systematic study of endophytic and periphytic cyanobacteria of Thrissur district and bioactive compound assay of selected members' under the guidance of Dr. K. M Mohamed Nasser and Co-guidance of Dr.Tessy Paul P. at Research Centre in Botany, MES Asmabi College, P.Vemballur.

ACADEMIC RECORD

2010	UGC NET- CSIR-JRF		
2007	MSC BOTANY	81%	MG UNIVERSITY
2005	BSC BOTANY	88%	UNIVERSITY OF CALICUT
2002	PLUS TWO	70%	BOARD OF PUBLIC EXAMS, KERALA
2000	S.S.L.C	89%	BOARD OF PUBLIC EXAMS, KERALA

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Mulamparambil house
Puthiyakavu, P.O Mathilakam
Thrissur Dt.- 680 671

EDUCATION

**Bachelor of Science- Botany
University of Calicut**
2003-2005

**Master of Science - Botany
Mahatma Gandhi University**
2005-2007

AWARDS

CSIR- Junior Research
Fellowship, 2010

EXPERIENCE

August 2010 – till date:
Assistant Professor in Botany,
MES Asmabi College,
P.Vemballur, Thrissur Dt – 680
671

Seminars attended 32

Papers 4

Proceedings 4
presentations 8

Invited talks 2

SEMINARS/ WORKSHOPS ATTENDED

SL.NO	TITLE	ORGANIZED BY	SPONSORED BY	STATE/ NATIONAL/ INTERNATIONAL	DATE
1.	Training programme on General Informatics	MES Asmabi College	KSHEC	State	22-24 th November 2010
2.	Orientation programme for young college teachers	PSMO College, Tirurangadi	UGC	State	12&13, February 2011
3.	Biosecurity in aquaculture	MES Asmabi College	UGC	National	28-2-2011 & 1-3-2011
4.	Biodiversity & conservation of nature	St.Joseph's College, Irinjalakkuda	UGC	National	23 & 24 th August 2011
5.	Workshop on value @Amrita	Amrita vishwavidyapeedam, Edappalli	Amritha University	National	24 th September 2011
6.	Impact of transgenics on biodiversity	SN Govt. Sanskrit College, Pattambi	UGC	National	27 th & 28 th October 2011
7.	Workshop on SC/ST students empowerment	University of Calicut	SC/ST cell	University level	27 th &28 th September 2012
8.	Innovative approaches & modern technologies for crop productivity, food safety & environmental sustainability	Society for applied biotechnology	Society for applied biotechnology	National	19 th & 20 th November 2012
9.	Innovative teaching methodology for college teachers	MES Asmabi College	KSHEC	State	9 th January 2014
10.	Techniques in biosciences	KKTM govt. College, Pullut	UGC	National	18 th & 19 th February 2014
11.	Role of ICT in institutional quality enhancement: analyzing current status and exploring new frontiers	MES Asmabi College	NAAC	National	17 th & 18 th June 2014
12.	Techniques in phytochemistry	KKTM govt. College, Pullut	UGC	National	25,26 & 27 th November 2014

13.	Emerging trends in herbal technology	St.Thomas College, Thrissur	KSCSTE, KSHEC, NSERB	National	7-9, October 2015
14.	Nature education camp	Parambikkulam tiger reserve	Govt. of Kerala, forest dept.	Regional	4 th & 5 th May 2016
15.	Promoting Science education workshop on Recombinant DNA techniques	KKTM govt. College, Pullut	KSCSTE	National	1 st , 2 nd & 3 rd March 2017
16.	Basics in Angiosperm Taxonomy	MES Asmabi College, P.Vemballur	KSCSTE	National	22 nd & 23 rd November 2017
17.	Workshop on Research Methodology & Scientific writing	Mercy College, Palakkad	KSCSTE	National	29 th & 30 th January 2018
18.	National Seminar on IPR: Needs & Opportunities in Academic scenario	IQAC- MES Asmabi College, P.Vemballur	MES Asmabi College, P.Vemballur	National	12 th July 2018
19.	National Conference on Vistas in Biodiversity, Biology, Biotechnology and Nanotechnology of Algae- VBBNA 2018	Madras Christian College (Autonomous), Chennai	DBT-SERB, DST-FIST, SRUA, Krishnamurthy Institute of Algology	National	20 th – 22 nd September 2018
20.	Two day National workshop on Prospects and Challenges in Algal studies	Catholicate College, Pathanamthitta	KSCSTE	National	5 th & 6 th October 2018
21.	National workshop for research scholars & students	Dept.of Botany, MES Asmabi College, P.Vemballur	MES Asmabi College, P.Vemballur WGHF, Kerala GIS community	National	23 rd to 25 th October 2019
22.	FDP on theatric skills for effective teaching	IQAC- MES Asmabi College, P.Vemballur	KSHEC	College level	2 nd November 2019
23.	Two day National Seminar on Thallophyta-diversity, conservation and natural products	KKTM Govt. College, Pullut	DCE	National	12 th & 13 th November 2019

24.	Short term training programme on Algal culturing techniques and Biotechnology	BS Abdurahiman Crescent Institute of Science and Technology, Chennai	Crescent Institute of Science and Technology, Chennai	National	17 th to 20 th December 2019
25.	International symposium on Biology, Biodiversity & Biotechnology of Algae	University of Madras, Chennai	SERB, DST, UGC, DBT	International	8 th -10 th January 2020
26.	Two week MOOC Course on 'Online learning and content development'	New Initiatives in Higher Education, DCE- FLAIR	DCE	State	18 th April- 2 nd May 2020
27.	International e-Conference on Cyanobacterial and Algal Biotechnology	NRMC-F, Dept. of Microbiology, Bharatidasan University, Trichi	DBT	International	18 th - 20 th December 2020
28.	One week faculty development program - Teaching and Learning in Post COVID Era	St.Joseph's College (Autonomous), Irinjalakkuda	Guru Angad Dev TLC under PMMMNMTT	National	15 th – 21 st January 2021
29.	One week faculty development program - Multimedia tools for teaching & learning	SN College, Nattika	Ramanujan College, Delhi - TLC under PMMMNMTT	National	22 nd – 28 th July 2021
30.	Refresher course in Media Studies	UGC-HRDC, University of Calicut	HRDC	National	4 th - 17 th November 2022
31.	International e-seminar on Modern perspectives in Biological Sciences	Govt.Victoria College, Palakkad	IQAC, GVC	International	28 Feb - 6 March 2023
32.	Annual research conclave and international conference on advancement in research	MES Asmabi College, P.Vemballur	KSHEC	International	29 th -30 th March 2023

PAPER PUBLICATIONS

SL.NO.	TITLE	JOURNAL
1.	Comparative study of growth and yield performance of milky mushrooms on different substrates	Meridian, June 2012, ISSN 2278-750 X
2.	Plant community structure and composition of a freshwater wetland- Thazhanchira	Meridian, January 2014 ISSN 2278-750 X
3.	Bioinformatics- creating new vistas for biological studies	Meridian Special issue, June 2014 ISSN 2278-750 X
4.	Plant community structure and composition of a freshwater wetland- Thazhanchira	Conference proceedings of National seminar on Innovative approaches & modern technologies for crop productivity, food safety & environmental sustainability by Society for applied biotechnology, 2012
5.	Phytochemical Screening and Antioxidant Activity Analysis of Leaf Extracts of <i>Macaranga Peltata</i> (Roxb.) Muell. Arg.	Conference proceedings of National seminar on Innovative approaches in plant sciences, 2014
6.	A Comparative Study of Phytochemistry and Uv-Vis Absorption Spectrum of two species of the Genus, <i>Vitex</i>	Conference proceedings of National Seminar cum Workshop on plant systematics and herbarium techniques, KKTU Govt. College, Pullut, 2014
7.	An investigation into the Phytochemical Screening and Antioxidant Activity Analysis of Leaf Extracts of <i>Macaranga Peltata</i> (Roxb.) Muell. Arg.	Conference proceedings of National Seminar cum Workshop on plant systematics and herbarium techniques, KKTU Govt. College, Pullut, 2014
8.	Application of phycoremediation technology in the treatment of ETP water - An assessment with <i>Spirulina platensis</i> (Nordst.) Gomont	Indian Hydrobiology, 22(1): 145–152, 2023

PAPER PRESENTATIONS

SL.NO	TITLE	VENUE	SPONSORED BY	STATE/ NATIONAL/ INTERNATIONAL	DATE
1.	Plant community structure and composition of a freshwater wetland- Thazhanchira	Society for applied biotechnology, at Thrissur	Society for applied biotechnology	National	19 th & 20 th November 2012
2.	Bioinformatics- creating new vistas for biological studies	National Seminar on Role of ICT in institutional quality enhancement: analyzing current status and exploring	NAAC	National	17 th & 18 th June 2014

		new frontiers, IQAC, MES Asmabi College, P.Vemballur			
3.	Phytochemical Screening and Antioxidant Activity Analysis of Leaf Extracts of <i>Macaranga Peltata</i> (Roxb.) Muell. Arg.	National seminar on Innovative approaches in plant sciences, PG & Research Department of Botany, MES Asmabi College, P.Vemballur	KSCSTE	National	13 th & 14 th September 2014
4.	A Comparative Study of Phytochemistry and Uv-Vis Absorption Spectrum of two species of the Genus, <i>Vitex</i>	National Seminar cum Workshop on plant systematics and herbarium techniques, KKTM Govt. College, Pullut	UGC	National	24 th & 25 th September 2014
5.	Effect of pH, Temperature and Biocide on the growth of <i>Arthrospira platensis</i> (Nordst.) Gomont.	National Conference on Vistas in Biodiversity, Biology, Biotechnology and Nanotechnology of Algae-VBBNA 2018 Madras Christian College (Autonomous), Chennai	DBT-SERB, DST-FIST, SRUA, Krishnamurthy Institute of Algology	National	20 th – 22 nd September 2018
6.	Microalgal diversity of Moorkanad Kol wetland, Thrissur, Kerala	Two day National Seminar on Thallophyta-diversity, conservation and natural products at KKTM Govt. College, Pullut	DCE	National	12 th & 13 th November 2019
7.	Cyanobacteria of P.Vemballur, Kerala, India	International symposium on Biology, Biodiversity & Biotechnology of Algae, University of Madras, Chennai	SERB, DST, UGC, DBT	International	8 th -10 th January 2020
8.	Utilization of ETP water as a culture medium for <i>Spirulina platensis</i> (Nordst.) Gomont	Annual research conclave and international conference on advancement in research	MES Asmabi College, P.Vemballur	International	29 th -30 th March 2023

INVITED TALKS

Sl. No	Title of topic	Details of Programme	Date	Organised by
1.	Techniques of Microalgal culture	2-day National Workshop on Algal	15-2-2020	Christ College (Autonomous), Irinjalakkuda, Kerala

		Diversity, Taxonomy and Applications		
2.	Mushroom cultivation-techniques & trends	Webinar on Mushroom cultivation	4-12-2020	Dept. of Botany, Carmel College, Mala, Kerala

PERSONAL PROFILE

Name of Husband : Mr. M.A Shahir
Date of Birth : 28-05-1985
Languages known : English, Malayalam, Hindi
Other Interests : Reading, Gardening, Cooking

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