



MES AMANI COLLEGE
OF VANDALUR

NCIATRI²³ ABSTRACTS²⁰

Editors

**Ansar E. B., Dhanya P. R., Jisha K. C., Kesavan K.
Lathif Penath, Mohammed Areej E. M. & Sheena P. A.**



NCIATRI2023 **ABSTRACTS**

Editors:

**Ansar E. B., Dhanya P. R.,
Jisha K. C., Kesavan K., Lathif Penath,
Mohammed Areej E. M. & Sheena P. A.**



MES ASMABI COLLEGE
P. Vemballur, Kodungallur, Kerala, India - 680 671.

Editors:

Dr. Ansar E. B.

Dr. Dhanya P. R.

Dr. Jisha K. C.

Dr. Kesavan K.

Mr. Lathif Penath

Mr. Mohammed Areej E. M.

Dr. Sheena P. A.

© Jisha K. C.

First Edition: May 2023

ISBN: 978-93-5813-509-1

All rights reserved. No part of this publication may be reproduced, stored in or introduced into retrieval system or transmitted, in any form, or by any means, electronic, mechanical, photocopying, recording or otherwise without the prior written permission of the publisher. Authors are solely responsible for the contents of the chapters in this volume. The editor has the best effort in the preparation of this book. Errors, if any, are purely unintentional and readers are requested to intimate the errors to the editor to avoid discrepancies in the future.

Published by:

MES Asmabi College, P. Vembalūr, Kodungalūr, Kerala, India.

PIN: 680671

Price: ₹300/-

Date of publication: 25 May 2023

Design & layout: Anesh C. S., Maker Design Studio, Mathilakam, Kerala, India.

NCIATRI ABSTRACTS 2023

Editors: Ansar E. B., Dhanya P. R., Jisha K. C.,
Kesavan K., Lathif Penath,
Mohammed Areej E. M.,
Sheena P. A.



Published by:
MES Asmabi College

Govt. Aided, Affiliated to University of Calicut, Recognized by UGC,
Minority Institution Certified by National Minority Education Commission,
Re-accredited by NAAC with B++ grade
P. Vemballur P.O., Kodungallur, Thrissur Dist., Kerala, Pin - 680 671,
Ph : 0480-2850396
e-mail: principal.mesasmabi@gmail.com
website: www.mesasmabiccollege.edu.in



MRP : ₹300/-
ISBN: 978-93-5813-509-1

Contents

Sl. No.	Title & Authors	Page No.
1	Prospects of Crustacean Culture and Its Economic Value in Ornamental Aquaculture <i>Aditya Iswaran, Selvaraju Raja & Rajeswari S.</i>	1
2	Price Spread of Fishes in Thrissur District <i>Alisha Ashik*, Shijin C. V., Adhilshan, Fathimath suhara P. A., Hyfa P. & Dhanya Pulikkottil Rajan</i>	2
3	Post Monsoon Induced breeding of Ikan koi Kabuto slayer carp, <i>Cyprinus carpio</i> (Cyprinidae) using WOVA FH <i>Allister C. S.*, Ahammed Rashid C. R., Riswana V. N., Hafidha, Muhammed Adhil C. S., Vinitha Vijayan & Kesavan K.</i>	3
4	Prevalence of Antibiotic Resistance Among Environmental Bacterial Isolates from Central Coast of Kerala, South India <i>Aneesa K. R.*, Mujeeb Rahiman K. M., Habeeb rehman H., Fidha Najam, Najma Yousafali & Zubair A. A.</i>	4
5	Comparative Study on Biofloc & Cage Culture System in the Production of Tilapia <i>Anjaly Ratheesh*, Aishwarya K. V., Thanka th T.S., Devapranav, Dilsemariyam & Shibu A. Nair</i>	5
6	Impact of Malathion on the Biochemical Composition of the Freshwater Fish, <i>Oreochromis Mossambicus</i> <i>Chitra K. C. & Sunniya Abdu</i>	6
7	Quantification and Characterization of Microplastics pollution in the Fishing Zone of Singanallur Lake at Coimbatore, Tamil Nadu, India <i>Ephsy K. Davis & Selvaraju Raja</i>	7
8	Isolation and Identification of <i>Vibrio</i> Species from Selected Harbours of Calicut District <i>Fathima Nesrin P.</i>	8
9	Promotion of Aquaculture in Edavilangu Grama Panchayat, Thrissur District, Kerala <i>Fida Rasheed*, Shahul Hameed P. H., Anjana Vinod, Laya T. P., Njana lakshmi P. S. & Shibu A. Nair</i>	9
10	Biogenic Synthesis of Copper Nanoparticles Using Bacterial Strains Isolated from Soil and Yeast: Characterisation and Potential Application as Antimicrobial Agent <i>Hunais Babu E.* & Shamlia A. K.</i>	10
11	Comparative Analysis of the Common Marine Fish Species in Tanzania and India <i>Joyce M. R.*, Hassan K. S., Akmalia S., Iffath A., Musbiha K. F. & Shibu A. Nair</i>	11

Comparative Study on Biofloc & Cage Culture System in the Production of Tilapia

Anjaly Ratheesh*, Aishwarya K. V., Thanhath T. S., Devapranav, Dilsemaniyam & Shibu A. Nair

Dept. of Aquaculture, MES Asmabi College, P. Vemballur, Kodungallur, Kerala.

*Corresponding author: anjalyratheeshanju@gmail.com

Tilapia culture presents high potential for income generation and hunger alleviation in developing countries. Suitable culture technology can help to achieve such goals sustainably. This work aimed to comparatively evaluate the influence of cage culture and Biofloc. The result indicated that output can be improved with production system. From the comparative reports cage culture is the most profitable, environment friendly and less man power culture system.

KEYWORDS: Biofloc, Production System, Profitable, Income Generation.