



BIO DATA OF FACULTIES



NAME : RESNA N K

DESIGNATION : HEAD OF THE DEPARTMENT AND ASSISTANT PROFESSOR

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QUALIFICATION:

EDUCATIONAL QUALIFICATIONS:

	COURSE	INSTITUTION/ UNIVERSITY	YEAR OF PASSING
UG	B Sc MICROBIOLOGY	KANNUR UNIVERSITY	2011
PG	M Sc MICROBIOLOGY	UNIVERSITY OF CALICUT	2013
OTHERS	M Phil	MAHATHMA GANDHI UNIVERSITY	2015
	NET	ICAR	2018

TOTAL WORK EXPERIENCE : 7 YEARS AND 6 MONTHS

ACADEMIC EXPERIENCE : 6 YEARS AND 6 MONTHS

INDUSTRY EXPERIENCE : 1 YEAR (Project Assistant Grade III at CSIR NIIST)

RESEARCH PROFILE

GUIDANCE EXPERIENCE : NIL

AREA OF INTEREST : **AGRICULTURAL MICROBIOLOGY, MOLECULAR BIOLOGY**

PUBLICATION LIST : **Paper Publication** - *Isolation and Characterization of Cellulase Producing Bacteria from the Gut of Termites (Odontotermes and Heterotermes Species) C. P. Sreena¹, N. K. Resna¹ and Denoj Sebastian^{1*} Department of Life Sciences, University of Calicut, Malappuram, Kerala, India.)*

Poster presented and abstract published - *Challenges in pretreatment for efficient biomass hydrolysis: Understanding lignocellulose saccharification in the context of structural modifications on pretreatment*
Meena S, Resna NK, Pandey A, Sukumaran RK *
Centre for Biofuels, Biotechnology Division
CSIR-National Institute for Interdisciplinary Science and Technology,
Industrial Estate P.O., Trivandrum 695019, India

Poster Presented - *Thinking beyond Trichoderma reesei: Development of biomass hydrolyzing enzyme cocktail based on Penicillium janthinellum.*
Meena S, Resna NK, Pandey A, Sukumaran RK *
¹Centre for Biofuels, Biotechnology Division
CSIR-National Institute for Interdisciplinary Science and Technology,
Industrial Estate P.O., Trivandrum 695019, India

²Center for innovative and Applied Bioprocessing (CIAB), Mohali, Punjab, India

WORKSHOPS ATTENDED:

1. **Two days' workshop on Bioinformatics conducted by EMEA College of arts and science, Kondotty**
2. **Workshop on Microsoft excel and mendeley Conducted By Symport Biosciences, Calicut)**
3. **DST- SERB funded workshop entitled "Non-coding RNAs: An emerging frontier in the modulation of plant biological process"**
4. **MICROSCOPE CARE AND MAINTENANCE WORKSHOP**

TRAININGS ATTENDED / FDP'S / REFRESHER PROGRAM:

1. FDP-ACADEMIC EXCELLENCE SYMPOSIUM: NURTURING MINDS, EMPOWERING FUTURES.
2. FDP-TEACHING EXCELLENCE: MEETING CHALLENGES, EMBRACING INNOVATIONS.
3. FDP-INSPIRE, ENGAGE, THRIVE: STRATEGIES FOR POST-PANDEMIC EDUCATION.
4. FDP-DOCUMENTATION TO INNOVATION: RETHINKING EDUCATION.
5. FDP - CHANGING ROLE OF TEACHERS AMIDST PANDEMIC.
6. FIVE DAYS FDP EDU-TECH.
7. FDP: BRIDGING THE DIGITAL DIVIDE.
8. FACULTY TRAINING PROGRAMME AT AMPLICON, CALICUT.
9. TRAINING ON INTERACTIVE PANEL.
10. INTERNATIONAL CONFERENCE – NEW HORIZONS IN BIOTECHNOLOGY)
11. FDP ON LMS SYSTEM BY KSHEC
12. ONE WEEK NATIONAL LEVEL ONLINE FACULTY DEVELOPMENT PROGRAM ON OUTCOME BASED EDUCATION AND APPLICATION OF GENERATIVE AI IN TEACHING AND RESEARCH, ORGANISED BY IQAC OF GAUHATI UNIVERSITY, ASSAM
13. CERTIFICATE TRAINING ON PHYLOGENOMICS AND NETWORK BIOLOGY IN THE ERA OF MACHINE LEARNING CONDUCTED BY MAJLIS ARTS AND SCIENCE COLLEGE

AWARDS AND ACHIEVEMENTS: Presented a seminar (Topic – application of spectroscopy in biology at Majlis college)

