

NAME : DR. N. MALATHI
POSITION : ASSISTANT PROFESSOR
FACULTY OF : ZOOLOGY
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EMAIL ID : malvish@rediffmail.com
DATE OF BIRTH : 09.06.1975

LANGUAGES PROFICIENCY

READ : ENGLISH, TAMIL, HINDI, SANSKRIT, FRENCH & GERMAN
WRITE : ENGLISH, TAMIL, HINDI, SANSKRIT, FRENCH & GERMAN
SPEAK : ENGLISH, TAMIL & HINDI

1. QUALIFICATION

S. No.	DEGREE / DIPLOMA / CERTIFICATE	SUBJECT	NAME OF THE INSTITUTION	YEAR OF PASSING
1.	U.G.	ZOOLOGY	FATIMA COLLGE	1995
2.	P.G.	BIOLOGY	MADURAI KAMARAJ UNIVERSITY	1997
3.	PH.D.	PLANT MOLECULAR BIOLOGY	MADURAI KAMARAJ UNIVERSITY	2004
4.	DIPLOMA	ADVANCED DIPLOMA IN BUSINESS APPLICATION	DATAPRO , MADURAI	1998
		DIPLOMA IN VISUAL PROGRAMMING	ULTRA COMPUTER ACADEMY	1998
5.	CERTIFICATE	10 MONTHS COURSE IN GERMAN LANGUAGE	MADURAI KAMARAJ UNIVERSITY	2001

2. TEACHING EXPERIENCE

S. No.	INSTITUTION	FROM – TO
1.	DEPARTMENT OF BIOTECHNOLOGY, SATYABAMA DEEMED UNIVERSITY, CHENNAI	JAN. 2004 - JUNE 2006
2.	DEPARTMENT OF ZOOLOGY , FATIMA COLLGE	JUNE 2006 - TILL DATE

3. POSITION HELD IN FATIMA

S. No.	NAME OF THE POSITION	DURATION
1.	ECONTENT CO-ORDINATOR	2007 - 2011
2.	PLACEMENT CO-ORDINATOR	2011
3.	RESEACRH CELL ADVISOR	2006 - TILL DATE
4.	QUALITY CIRCLE FACILITATOR	2008 - TILL DATE
5.	STUDENT COUNSELLOR (DEPARTMENT IN-CHARGE)	2009 - TILL DATE
6.	IQAC WORKSHOP –MODEL TEACHER	2009
7.	IQAC EXTENSION MEMBER FOR RESEARCH CELL	2010 - TILL DATE
8.	EXTENSION ACTIVITY DEPARTMENT ADVISOR	2007 - 2009

4. POSITION HELD OUTSIDE

S. No.	NAME OF THE INSTITUTION	NAME OF THE POSITION	DURATION
1.	MADURAI KAMARAJ UNIVERSITY	AQUA TERR COORDINATOR	2001 - 2002
2.	PROF. DHANAPALAN COLLEGE FOR WOMEN, CHENNAI	GUEST LECTURER	2003 - 2004
3.	DEPARTMENT OF BIOTECHNOLOGY, SATHYABAMA UNIVERSITY, CHENNAI	COURSE CO-ORDINATOR	2004 - 2005

5. AREAS OF SPECIALIZATION:

- ECOPHYSIOLOGY
- ISOZYME TECHNIQUES
- ENZYME KINETICS
- PROTEIN SEQUENCING,
- RFLP AND PCR BASED RAPD AND AFLP TECHNIQUES (DNA FINGERPRINTING)
- ELECTROPHORESIS AND BLOTTING TECHNIQUES

6. ORIENTATION/REFRESHER/TRAINING PROGRAMMES ATTENDED

S. No.	PROGRAMMES	THEME	ORGANIZED BY	YEAR
1.	ORIENTATION	-	ASC - MADURAI KAMARAJ UNIVERSITY	FEB. 2010
2.	"E-CONTENT DEVELOPMENT FOR COLLEGE TEACHERS"	ECONTENT TRAINING PROGRAMME	CENTER FOR EDUCATIONAL RESEARCH" (CER) , MADURAI KAMARAJ UNIVERSITY	27 TH & 28 TH SEP. 2010
3.	4 DAY INTERNATIONAL BASE CAMP ON QUALITY ASSURANCE OF MULTIMEDIA LEARNING MATERIALS	ECONTENT TRAINING PROGRAMME	COMMON WEALTH EDUCATIONAL MEDIA CENTRE FOR ASIA (CEMCA) AND SUPPORTED BY MINISTRY OF HUMAN RESOURCE DEVELOPMENT GOVERNMENT OF INDIA AND MINISTRY OF HIGHER EDUCATION, MALAYSIA AND MKU	01.02.2010 - 04.02.2010
4.	FDP PROGRAM "ADVANCE TEACHING METHODOLOGIES"	ECONTENT TRAINING PROGRAMME	ORGANIZED BY KGSIL, INSTITUTE OF INFORMATION MANAGEMENT, COIMBATORE ,	JANUARY 6TH, 2008
5.	"MULTIMEDIA AND E-CONTENT DEVELOPMENT"	ECONTENT TRAINING PROGRAMME	ORGANIZED BY UGC-CEC AND LADY DOAK COLLEGE, MADURAI	JUNE 18 - 21, 2007
6.	DNA BASED MARKER TECHNOLOGIES FOR MOLECULAR TAXONOMY STUDIES	DNA FINGERPRINTING TECHNIQUES	ORGANIZED BY TATA ENERGY RESEARCH INSTITUTE, SPONSORED BY DEPARTMENT OF BIOTECHNOLOGY	FEB. 2000

7. TRAINING PROGRAMMES ORGANIZED

S. No.	PROGRAMMES	THEME	ORGANIZED BY	YEAR
1.	ONE DAY SEMINAR CUM WORKSHOP	TRAINING THE STAFF MEMBERS IN THEIR E-MATERIAL PREPARATION , RULES AND GUIDELINES GOVERNING THE DEVELOPMENT OF AN E-CONTENT	-	DEC 24 TH , 2008
2.	HANDS ON TRAINING ON PHOTOSHOP, FLASH AND DREAMWEAVER	TRAINING ALL THE STAFF MEMBERS WHO ARE INVOLVED IN ECONTENT DEVELOPMENT	ORGANIZED BY ECONTENT DEVELOPMENT CELL , FATIMA COLLEGE	02.04.2009 - 17.04.2009
3.	WORKSHOP ON VIDEO PRODUCTION	TRAINING TO ALL THE STAFF MEMBERS WHO ARE INVOLVED IN ECONTENT DEVELOPMENT	ORGANIZED BY ECONTENT DEVELOPMENT CELL WITH IQAC , FATIMA COLLEGE	28.03.2010 - 30.03.2010

4.	3 DAY ONLINE TRAINING FOR ALL THE STAFF MEMBERS	ON THE USAGE OF 1. YOUTUBE DOWNLOADER, 2. DELNET, 3. AIRC (AMERICAN INFORMATION RESOURCE CENTRE)	ORGANIZED BY ECONTENT DEVELOPMENT CELL, FATIMA COLLEGE	24 TH , 25 TH & 26 TH SEP. 2009
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8. NATIONAL/INTERNATIONAL SEMINAR, WORKSHOP & CONFERENCE

S. No.	PROGRAMMES	THEME	SPONSORED BY	ORGANIZED BY	YEAR	ATTENDED/ PRESENTED
1.	BEST BEST PRACTICES FOR IMPLEMENTING ECONTENT: AN INTEGRATED APPROACH	"SUSTAINING AND ENHANCING QUALITY IN HIGHER EDUCATION: INTERVENTION STRATEGIES	UGC	ORGANIZED BY IQAC FATIMA COLLEGE MADURAI	FEB. 27 TH , 2009	PRESENTED A PAPER
2.	INTERNATIONAL CONFERENCE ENTITLED "ADOPTED TOOLS AND GUIDELINES FOR CREATION, MANAGEMENT AND IMPLEMENTATION OF ECONTENT FOR HIGHER EDUCATION"	DIGITALIZING ADMINISTRATION, ISSUES AND CHALLENGES IN EGOVERNANCE	UGC	PRESIDENCY COLLEGE, CHENNAI	17 TH & 18 TH , MARCH 2008	PRESENTED A PAPER
3.	INTERNAL QUALITY ASSURANCE SYSTEM INNOVATIVES AND INITIATIVES	INNOVATIVE PRACTICES	IQAC	FATIMA COLLEGE	19 TH & 20 TH FEB. 2008	PARTICIPATED
4.	EFFECT OF AL. TOXICITY ON ACACIA NILOTICA- A FAST GROWING LEGUME TREE	NATIONAL SCIENCE DAY	UGC, DST	MADURAI KAMARAJ UNIVERSITY	1997	POSTER PRESENTATION
5.	A SHORT TERM ALUMINIUM TOXICITY STUDIES ON PHYSIOLOGICAL AND MORPHOLOGICAL PATTERN OF A. NILOTICA	NATIONAL SYMPOSIUM ON RELEVANCE OF PLANT BIOCHEMISTRY AND BIOTECHNOLOGY- MODERN TRENDS	UGC	SOCIETY FOR PLANT BIOCHEMISTRY & BIOTECHNOLOGY, IARI, NEW DELHI	2001	POSTER PRESENTATION
6.	GENETIC DIVERSITY OF CASUARINA EQUSETIFOLIA POPULATIONS REVEALED THROUGH MARKER STUDIES: ISOZYME, PROTEIN PROFILE AND PEPTIDE SEQUENCING	BIOTECHNOLOGY AT THE TURN OF MILLENNIUM	UGC & SYSTRONICS	ANNA UNIVERSITY, CHENNAI	2002	POSTER PRESENTATION
7.	NATIONAL FUNCTIONAL GENOMICS	FUNCTIONAL GENOMICS	UGC	MADURAI KAMARAJ UNIVERSITY	FEB. 14 - 17, 2002	PARTICIPATED
8.	PROTEIN AS A MARKER TOOL TO REVEAL POLYMORPHISM IN CASUARINA EQUSETIFOLIA CLONES	NATIONAL SEMINAR ON "RECENT ADVANCES IN PLANT SCIENCE AND THEIR RELEVANCE TO AGRICULTURE AND INDUSTRY	UGC	ANNAMALAI UNIVERSITY, CHIDAMBARAM	2002	ORAL PRESENTATION

9. JOURNAL/ARTICLES PUBLISHED

S. No.	JOURNAL/ ARTICLE NAME	YEAR	VOL. NO.	ISSUE NO.	PUBLISHER	PLACE
1.	JOURNAL OF PLANT BIOLOGY	2001	VOL. 28	NO. 1, PP. 105-109	SOCIETY FOR PLANT PHYSIOLOGY	NEW DELHI
2.	JOURNAL OF PLANT BIOLOGY	2002	VOL. 29(1)	-	SOCIETY FOR PLANT PHYSIOLOGY	-

3.	PROCEEDING IN THE NATIONAL SEMINAR ENTITLED "SUSTAINING AND ENHANCING QUALITY IN HIGHER EDUCATION: INTERVENTION STRATEGIES"	2009	Pg. 32- 39	-	FATIMA COLLEGE	MADURAI
4.	PROCEEDINGS IN THE INTERNATIONAL CONFERENCE ENTITLED "ADOPTED TOOLS AND GUIDELINES FOR CREATION, MANAGEMENT AND IMPLEMENTATION OF ECONTENT FOR HIGHER EDUCATION"	2008	Pg 72	-	PRESIDENCY COLLEGE	CHENNAI
5.	PROCEEDINGS IN THE NATIONAL SEMINAR ON BIORESOURCE MANANAGEMENT AN INTEGRATED APPROACH	2009	Pg. 56	-	FATIMA COLLEGE	MADURAI

10. MAJOR ASSIGNMENTS

S. No.	MAJOR ASSIGNMENTS	INSTITUTION	THEME/TITLE	PLACE	DATE & YEAR
1.	RESOURCE PERSON	IQAC- FATIMA COLLEGE	INNOVATIVE TEACHING METHODOLOGIES THROUGH E-CONTENT DEVELOPMENT".	MADURAI	AUGUST 21, 2007

11. PROJECT UNDERTAKEN

S. No.	TITLE OF PROJECT	PRINCIPAL INVESTIGATOR	SPONSORED BY	YEAR	SANCTIONED AMOUNT
1.	DEVELOPMENT OF A MULTIFUNCTIONAL MICROBIAL STRAIN FOR CONTROL OF WATER-BORNE MOSQUITO LARVAE AND REMOVAL OF HEAVY METALS FROM WASTE WATER.	DR. N. MALATHI	UGC - MINOR PROJECT	2010 - 2012	₹ 1, 20, 000

12. MEMBER OF THE BOARD OF STUDIES: MADURAI KAMARAJ UNIVERSITY AND VARIOUS AUTONOMOUS COLLEGES

13. MEMBERSHIP IN PROFESSIONAL BODIES: BIOINFORAMTICS, INDIA.

14. CONSULTANCY & RADIO TALK/TV SHOWS: DONE ACADEMICALLY TO OTHER COLLEGE STUDENTS, BIOGENO LABORATORY AND SUGGESTED PROJECT TITLES TO SCHOOL TEACHERS

15. FELLOWSHIP RECEIVED: GATE '97, PERCENTILE SCORE (84.12)

CSIR-SRF WHILE DOING PH.D

16. RESEARCH EXPERIENCE: APRIL '97 - APRIL 2003 (6 YEARS)