

NAME : DR. B. VINOSHA
POSITION : ASSISTANT PROFESSOR
FACULTY OF : CHEMISTRY
EMAIL ID : b.vinosa@gmail.com



LANGUAGES PROFICIENCY

READ : TAMIL & ENGLISH
WRITE : TAMIL & ENGLISH
SPEAK : TAMIL, ENGLISH & JAPANESE

1. QUALIFICATION

S. No.	DEGREE / DIPLOMA / CERTIFICATE	DISCIPLINE	NAME OF THE INSTITUTION	YEAR OF PASSING
1.	UG	CHEMISTRY	FATIMA COLLEGE, MADURAI	2004
2.	PG	CHEMISTRY	THIAGARAJAR COLLEGE, MADURAI	2006
3.	M.PHIL.	CHEMISTRY	MADURAI KAMARAJ UNIVERSITY	2007
4.	PH.D.	SYNTHETIC ORGANIC CHEMISTRY	MADURAI KAMARAJ UNIVERSITY	2011
5.	SET	CHEMISTRY	-	2016

2. TEACHING/RESEARCH EXPERIENCE

S. No.	INSTITUTION	FROM – TO
1.	ASSISTANT PROFESSOR, FATIMA COLLEGE (AUTONOMOUS), MADURAI	JAN. 2012 - TILL DATE
2.	PROJECT FELLOW IN THE UGC SPONSORED MAJOR RESEARCH PROJECT ON “ENVIRONMENT FRIENDLY SYNTHESIS OF NOVEL HETEROCYCLES”, FATIMA COLLEGE (AUTONOMOUS), MADURAI	2006 - 2009

3. AREAS OF SPECIALIZATION

➤ **SYNTHETIC ORGANIC CHEMISTRY**

4. POSITION HELD IN FATIMA

S. No.	NAME OF THE POSITION	DURATION
1.	NSS PROGRAMME OFFICER	2013 - 2017
2.	RRC INCHARGE OFFICER	2013 - 2014
3.	CERTIFICATE COURSE INCHARGE	2012 - 2013 & 2016 - 2017
4.	EXTENSION SERVICE INCHARGE	2012 - 2015
5.	MASSIVE ONLINE INCHARGE	2016 - 2017
6.	NSS COORDINATOR	2017 - 2018

7.	MEMBER, ROSA (REACH OUT TO SOCIETY THROUGH ACTION)	2018 - TILL DATE
8.	MEMBER, ALUMNAE ASSOCIATION	2019 - TILL DATE

5. ORIENTATION/REFRESHER/TRAINING PROGRAMMES/FDP ATTENDED

S. No.	PROGRAMME	THEME	ORGANIZED BY	DATE
1.	FACULTY INDUCTION PROGRAMME	CAPACITY BUILDING	FATIMA RESOURCE CENTRE, FATIMA COLLEGE, MADURAI	Nov. 04 - 11, 2016
2.	FACULTY ORIENTATION PROGRAMME	TEACHING & LEARNING	HUMAN RESOURCE DEVELOPMENT, MADUARI KAMARAJ UNIVERSITY, MADURAI	AUG. 30 - SEP. 28, 2017
3.	REFRESHER COURSE	TEACHING & LEARNING	HUMAN RESOURCE DEVELOPMENT, MADUARI KAMARAJ UNIVERSITY, MADURAI	Nov. 16 - DEC. 06, 2018

6. NATIONAL/INTERNATIONAL SEMINAR, WORKSHOP, CONFERENCE & SYMPOSIUM

S. No.	PROGRAMMES	SPONSORED BY	ORGANIZED BY	DATE	PARTICIPATED/ PRESENTED	TITLE OF THE PAPER
1.	NATIONAL CONFERENCE ON "RECENT TRENDS IN CHEMISTRY"	-	DEPT. OF CHEMISTRY, J.A.P COLLEGE, PERIA KULAM	SEP. 26 & 27, 2006	PRESENTED	MICROWAVE ASSISTED SOLVENT FREE SYNTHESIS OF 1-ARYL-2-[2,3,5-TRIARYL3H-PYRROL-3-YL]-1-ETHANONE
2	NATIONAL SEMINAR ON "ONE AND TWO DIMENSIONAL NMR SPECTROSCOPY - THEORY AND APPLICATIONS"	UGC	MADURAI KAMARAJ UNIVERSITY	FEB. 2007	PARTICIPATED	-----
3.	NATIONAL CONFERENCE ON "EMERGING TRENDS IN CHEMISTRY"	-	DEPT. OF CHEMISTRY, C.P.A. COLLEGE, BODI	JULY 24 & 25, 2008	PRESENTED	SYNTHESIS AND STEREOCHEMISTRY OF 2,6-DIAROYL-3,5-DIARYL-4-CYANO-4-ETHOXYCARBONYLTHIANES
4.	INTERNATIONAL CONFERENCE ON "FRONTIER IN CHEMICAL SCIENCES"	-	DEPT. OF CHEMISTRY, MADRAS CHRISTIAN COLLEGE	OCT. 02 - 04, 2008	PRESENTED	A DIASTEREOSELECTIVE SYNTHESIS OF MULTISUBSTITUTED THIANES
5.	4 TH J-NOST CONFERENCE FOR RESEARCH SCHOLARS	CSIR	SCHOOL OF CHEMISTRY, M.K.UINIVERSITY	DEC. 2009	PARTICIPATED	-----
6.	WORKSHOP ON "PATENT AWARENESS PROGRAM"	TNSCST	SCHOOL OF CHEMISTRY, M.K.UINIVERSITY	2009	PARTICIPATED	-----
7.	NATIONAL SEMINAR ON "RECENT ADVANCES IN APPLICATIONS OF SPECTROSCOPY"	UGC	DEPT. OF CHEMISTRY, FATIMA COLLEGE	AUG. 25 & 26, 2011	PRESENTED	MICROWAVE MEDIATED STEREOSELECTIVITY ENHANCEMENT IN THE SYNTHESIS OF NOVEL MULTISUBSTITUTED THAIANES

8.	INTERNATIONAL CONFERENCE ON "EMERGING FRONTIERS AND CHALLENGES IN CHEMISTRY"	DST, KERALA STATE COUNCIL FOR SCIENCE	DEPT OF CHEMISTRY, ALL SAINTS COLLEGE, KERALA	FEB. 17 & 18 2014	PRESENTED	FACILE STEREOSELECTIVE ASSEMBLY OF HIGHLY FUNCTIONALIZED BIS-(TRANS-2,3-DYDROFURANYL) SULFIDES
9.	INTERNATIONAL CONFERENCE ON "SOLUTIONS TO ECOLOGICAL CHALLENGES"	UGC	FATIMA COLLEGE, MADURAI	DEC. 11 – 13, 2014	PARTICIPATED	-----
10.	INTERNATIONAL SEMINAR ON "CHEM BIO-NUTRACEUTICALS"	-	DEPT. OF CHEMISTRY, ZOOLOGY AND HOME SCIENCE, FATIMA COLLEGE	DEC. 04, 2015	PARTICIPATED	-----
11.	NATIONAL CONFERENCE ON "ADVANCED MATERIALS"	UGC	PERIYAR UNIVERSITY, SALEM	FEB. 25 & 26 2016	PRESENTED	SYNTHESIS NAD CHARACTERIZATION OF DHB/CSA APPLICATION TO BIOLOGICAL SENSOR
12.	NATIONAL CONFERENCE ON "RECENT ADVANCES IN CHEMISTRY RESEARCH AND ITS APPLICATIONS"	-	ST. JOSEPH'S COLLEGE, TRICHY	JAN. 19, 2017	PRESENTED	EXPEDIENT METHOD FOR FABRICATION OF DYE SENSITIZED SOLAR CELLS (DSSC's) WITH METAL SULPHIDE COUNTER ELECTRODES
13.	WORKSHOP ON "INTELLECTUAL PROPERTY RIGHTS"	-	FATIMA COLLEGE, MADURAI	DEC. 10, 2016	PARTICIPATED	-----
14.	INTERNATIONAL CONFERENCE ON "ADVANCEMENTS AND CHALLENGES IN CHEMICAL SCIENCES"	UGC, TNSCST, FAST TRACK	PACHAIYAPPA'S COLLEGE, CHENNAI	FEB 2&3, 2018	PRESENTED	AN EXPEDIENT ONE POT CATALYST FREE SYNTHESIS OF 2-AMINO-6-MORPHILINO-4-TOLYLQUINOLINE-3-CARBONITRILE
15.						A FACILE PSEUDEO FOR COMPONET SYNTHESI OF NOVEL MULTIFUNCTIONAL THIANES
16.	NATIONAL SEMINAR ON "NURTURING ACADEMIC INTEGRITY: CONSISTENCY AND TRANSPARENCY IN ACADEMIA"	UGC	FATIMA COLLEGE, MADURAI	SEP. 17, 2018	PARTICIPATED	-----
17.	INTERNATIONAL CONFERENCE ON "FRONTIER AREAS IN CHEMISTRY"	-	THE AMERICAN COLLEGE, MADURAI	JULY 05, 2019	PARTICIPATED	-----

7. ARTICLES PUBLISHED IN JOURNALS/BOOKS

S. No.	JOURNAL/BOOK NAME	TITLE OF THE ARTICLE	MONTH/ YEAR	VOL. No.	PAGE No.	ISBN	PUBLISHER
1.	TETRAHEDRON	A NOVEL FOUR COMPONENT TANDEM PROTOCOL FOR THE SYNTHESIS OF HIGHLY FUNCTIONALISED THIAZOLES	2007	63	10054-10058	0040-4020	ELSEVIER, USA

2.	PHOSPHORUS, SULFUR AND SILICON	A DIASTERESELECTIVE SYNTHESIS OF NOVEL MULTIFUNCTIONAL THIANES	2009	184	2980-2988	1042-6507	TAYLOR & FRANCIS, USA
3.	SYNTH. COMMUN.	NOVEL DOMINO REACTIONS OF 2,2'-THIOBIS-(1,3-DIARYL-PROP-2-EN-1-ONES) WITH ACETYL ACETONE AND ETHYL ACETOACETATE: STEREOSELECTIVE SYNTHESIS OF HIGHLY FUNCTIONALISED DIHYDROFURANS	2009	39	2766-2788	0039-7911	TAYLOR & FRANCIS, USA
4.	TETRAHEDRON LETTERS	A FACILE DOMINO PROTOCOL FOR THE STEREOSELECTIVE SYNTHESIS OF TRANS-2,3-DIHYDROBENZOFURANS AND CIS-5,6-DIHYDROFURO[2,3-D]PYRIMIDINES	2012	53	8	0040-4039	ELSEVIER, USA
5.	TETRAHEDRON LETTERS	FACILE DOMINO REACTIONS FOR THE STEREOSELECTIVE ASSEMBLY OF HIGHLY FUNCTIONALIZED BIS-(TRANS-2,3-DIHYDROFURANYL) SULFIDES	2013	54	2837 - 2840	0040-4039	ELSEVIER, USA
6.	SYNTHETIC COMMUNICATIONS	STEREOSELECTIVE SYNTHESIS OF POLYFUNCTIONALIZED NITROTHIANES: ENHANCEMENT OF STEREOSELECTIVITY BY MICRO WAVES	APR. 2013	43	1964 - 1973	0039-7911	TAYLOR & FRANCIS, USA
7.	INDIAN JOURNAL OF APPLIED RESEARCH	STUDIES ON ANTIAMINO PYRINE SUBSTITUTED MOIETY WITH NOTABLE NLO PROPERTY	OCT. 2015	10	-	2249-555X	IJAR, INDIA
8.	THE INTERNATIONAL JOURNAL OF ANALYTICAL AND EXPERIMENTAL MODAL ANALYSIS	STUDY ON ANTIBACTERIAL INACTIVATION OF Ag-ZnO/PVA NANOCOMPOSITES BY SOLGEL METHOD	2019	11	499 - 507	0886-9367	SPRINGER INTERNATIONAL PUBLISHING
9.	THE INTERNATIONAL JOURNAL OF ANALYTICAL AND EXPERIMENTAL MODAL ANALYSIS	AN EXPEDIENT ONE-POT, CATALYST FREE SYNTHESIS OF SUBSTITUTED 2-AMINO-6-MORPHOLINO-4-ARYLQUINOLINE-3-CARBONITRILE	2019	11	492 - 498		THE INTERNATIONAL JOURNAL OF ANALYTICAL AND EXPERIMENTAL MODAL ANALYSIS
10.	INFOKARA RESEARCH	TOXICITY OF TiO ₂ /PVA NANOPARTICLES TOWARDS GRAM-POSITIVE BACTERIA	2019	8 (8)	177 - 184	1021-9056	CENTRE DE DOCUMENTATION DU FONDS WILMERS

8. FELLOWSHIPS RECEIVED:

- AWARDED A **SENIOR RESEARCH FELLOWSHIP (SRF)** BY COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH (CSIR), GOVERNMENT OF INDIA (FROM MAY 2009 TO MARCH 2011).

9. ACHIEVEMENTS

S. No.	NAME OF THE AWARD	AWARD RECEIVED FOR	SPONSORS / SOURCE	DATE
1.	BEST SOCIAL WORKER	SOCIAL WORK - NSS	HUMANITY PROTECTION ORGANISATION	JAN. 21, 2017

10. PROJECT UNDERTAKEN

S. No.	TITLE OF PROJECT	POSITION	SPONSORED BY	DATE & YEAR	SANCTIONED AMOUNT
1.	DESIGN AND SYNTHESIS OF FUSED ARYLHYBRIDS VIA GREENER ROUTES	PRINCIPAL INVESTIGATOR	UGC	OCTOBER 2016	Rs.2,20,000

11. GUEST LECTURE DELIVERED

S. No.	INSTITUTION	THEME/TITLE	DATE
1.	AGRICULTURAL UNIVERSITY, MADURAI	FRAGRANCE AND FLAVOUR COMPOUNDS AND BIOCHEMICAL PATHWAYS FOR THE PRODUCTION OF VOLATILE COMPOUNDS	25.01.2019
2.		CHEMICAL STRUCTURE AND DISTRIBUTION OF FLAVOUR COMPOUNDS	