

NAME : DR. M. GNANADEEBAM (RETIRED)
POSITION : ASSOCIATE PROFESSOR & HEAD
FACULTY OF : CHEMISTRY
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DATE OF BIRTH : 25.04.1955



LANGUAGES PROFICIENCY

READ : TAMIL & ENGLISH

WRITE : TAMIL & ENGLISH

SPEAK : TAMIL & ENGLISH

1. QUALIFICATION

| S. No. | DEGREE / DIPLOMA / CERTIFICATE | DISCIPLINE | NAME OF THE INSTITUTION | YEAR OF PASSING |
|--------|--------------------------------|-----------------------------|---|-----------------|
| 1. | U.G. | CHEMISTRY | GOVT. ARTS COLLEGE FOR WOMEN, THANJAVUR | 1975 |
| 2. | P.G. | CHEMISTRY | ANNAMALAI UNIVERSITY | 1977 |
| 3. | M. PHIL. | CHEMISTRY | MADURAI KAMARAJ UNIVERSITY | 1982 |
| 4. | PH.D. | SYNTHETIC ORGANIC CHEMISTRY | MADURAI KAMARAJ UNIVERSITY | 2000 |

2. TEACHING EXPERIENCE

| S. No. | INSTITUTION | FROM - TO |
|--------|--------------------------------------|-------------------------|
| 1. | FATIMA COLLEGE (AUTONOMOUS), MADURAI | 12.07.1977 - 30.04.2013 |

3. POSITION HELD IN FATIMA

| S. No. | NAME OF THE POSITION | DURATION |
|--------|---|-------------|
| 1. | HEAD, DEPARTMENT OF CHEMISTRY | 1999 - 2013 |
| 2. | VICE PRINCIPAL | 2004 - 2006 |
| 3. | MEMBER, IQAC | 2005 - 2009 |
| 4. | COORDINATOR - CERTIFICATE/DIPLOMA COURSES | 2005 - 2006 |
| 5. | PART IV CO - ORDINATOR | 2004 - 2006 |
| 6. | DEAN - CIA | 1995 - 1997 |

4. AREAS OF SPECIALIZATION

➤ ORGANIC CHEMISTRY

5. ORIENTATION/REFRESHER/TRAINING PROGRAMMES/FDP ATTENDED

| S. No. | PROGRAMMES | THEME | ORGANIZED BY | YEAR |
|--------|------------|---|------------------------------------|------|
| 1. | REFRESHER | APPLIED RESEARCH IN SOCIAL AND APPLIED SCIENCES | GANGHIGRAM RURAL DEEMED UNIVERSITY | 1999 |
| 2 | REFRESHER | RECENT DEVELOPMENTS IN CHEMISTRY | MADURAI KAMARAJ UNIVERSITY | 2000 |

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

| S. No. | PROGRAMMES | ORGANIZED BY | DATE | PARTICIPATED / PRESENTED | TITLE OF THE PAPER |
|--------|---|------------------------------------|-------------------------|--------------------------|--|
| 1. | UGC SPONSORED NATIONAL SEMINAR ON "RECENT ADVANCES IN APPLICATIONS OF SPECTROSCOPY" | DEPT. OF CHEMISTRY, FATIMA COLLEGE | 2011 | PARTICIPATED | - |
| 2. | NATIONAL SEMINAR ON "GREEN CHEMISTRY" | FATIMA COLLEGE | 2011 | PRESENTED | 1. ELECTROCHEMICAL OXIDATION OF MALACHITE GREEN DYE 2. IMPACTS OF AIR POLLUTION ON SOME PLANT SPECIES |
| 3. | INTERNATIONAL CONFERENCE ON "FRONTIER IN CHEMICAL SCIENCES" | MADRAS CHRISTIAN COLLEGE | OCTOBER 2 - 4, 2008 | PRESENTED | A DIASETEROSELECTIVE SYNTHESIS OF MULTIFUNCTIONAL THIANES |
| 4. | NATIONAL CONFERENCE ON "EMERGING TRENDS IN CHEMISTRY" | C.P.A. COLLEGE, BODI | JULY 24 & 25, 2008 | PRESENTED | SYNTHESIS AND STEREOCHEMISTRY OF 2,6-DIAROYL-3,5-DIARYL-4-CYANO-4-ETHOXYCARBONYL THIANE |
| 5. | NATIONAL WORKSHOP ON "BUILDING RESEARCH CAPABILITIES" | CHRIST COLLEGE-BANGALORE | 2007 | PARTICIPATED | - |
| 6. | INTERNATIONAL CONFERENCE ON "NANOTECHNOLOGY-MATERIALS AND METHODS" | CIT-COIMBATORE | 2006 | PARTICIPATED | - |
| 7. | NATIONAL CONFERENCE ON "RECENT TRENDS IN CHEMISTRY" | J.A.P COLLEGE, PERIA KULAM | SEPTEMBER 27 & 28, 2006 | PRESENTED | 1. MICROWAVE ASSISTED SOLVENT-FREE SYNTHESIS OF 1-ARYL-2-[(2,3,5-TRIARYL-3H-PYRROL-3-YL)SULFANYL]-1-ETHANONES 2. SYNTHESIS AND STEREOCHEMISTRY OF 2,6-DIAROYL-3,5-DIARYL-4-CYANO-4-ETHOXYCARBONYL THIANE |
| 8. | NATIONAL SYMPOSIUM ON "MODERN TRENDS IN CHEMISTRY" | VIVEKANANDA COLLEGE, MADURAI | MARCH 17 & 18, 2006 | PRESENTED | 3. MICROWAVE ASSISTED SOLVENT FREE SYNTHESIS OF 2,2'-THIOBIS(1,3-DIARYLPROP-2EN-1-ONE) 4. AN UNUSUAL CLEAVAGE OF OF α , β -UNSATURATED OLEFINIC FUNCTIONALITY IN 2,2'-SULFANYLBIS (1,3-DIARYLPROP-2- |

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|-----|---|---|-------------------------|--------------|---|
| | | | | | EN-1-ONES) BY ANILINE UNDER MICROWAVE CONDITION 5. SOLVENT FREE SYNTHESIS OF SOME 2,6-DIAROYL-3,5-DIARYLTETRAHYDRO-1,4-THIAZINES |
| 9. | NATIONAL SEMINAR ON "NEW PERSPECTIVES ON ECO-FRIENDLY CHEMICAL TECHNOLOGY" | V.V.V. COLLEGE, VIRUDHUNAGAR | SEPTEMBER 13 – 15, 2005 | PRESENTED | 1. MICROWAVE ASSISTED SOLVENT FREE SYNTHESIS OF SOME 2,6-DIAROYL-3,5-DIARYL-4,4-DIETHOXYCARBONYLTHIANE-1,1-DIOXIDES |
| 10 | NATIONAL SYMPOSIUM ON "RECENT TRENDS IN HETEROCYCLIC CHEMISTRY" | JAMAL MOHAMED COLLEGE, TRICHY | SEPTEMBER 24 & 25, 2004 | PRESENTED | 1. A SOLVENT FREE MICROWAVE ASSISTED SYNTHESIS OF 2,6-DIAROYL-3,5-DIARYL-4,4-DIACETYL THIANE-1,1-DIOXIDES 2. SYNTHESIS AND STEREOCHEMISTRY OF E,Z- 2,2'-THIOBIS(1,3-DIARYLPROP-2-EN-1-ONES) |
| 11. | NATIONAL SEMINAR ON "RECENT TRENDS IN ORGANIC SYNTHESIS" | DEPT. OF ORGANIC CHEM., UNIVERSITY OF MADRAS | FEBRUARY 23 – 25, 2000 | PRESENTED | 2,6-DIAROYL-3,5-DIARYL-4-ETHYLTETRAHYDRO-1,4-THIAZINE-1,1-DIOXIDES-A SYNTHETIC AND STEREOCHEMICAL STUDY |
| 12. | NATIONAL SYMPOSIUM ON "NEWER VISTAS IN BIO-ACTIVE AGENTS" | DEPT OF CHEM., GANDHIGRAM RURAL INSTITUTE, GANDHIGRAM | 1999 | PARTICIPATED | - |
| 13. | UGC SPONSORED NATIONAL WORKSHOP ON "QUESTION BANK- PHASE-II" | ST. JOSEPH'S COLLEGE, TRICHY | 1999 | PARTICIPATED | - |
| 14. | NATIONAL SYMPOSIUM ON "NEWER VISTAS IN SYNTHETIC PROTOCOLS AND STRUCTURAL ELUCIDATION IN CHEMISTRY" | SCHOOL OF CHEMISTRY, M .K. UNIVERSITY | APRIL 22 – 24, 1998 | PRESENTED | 1. SYNTHESIS OF OXIRANES OF 2,2'-THIOBIS(1,3-DIARYLPROP-2-EN-1-ONES) 2. AN UNUSAL CLEAVAGE OF α,β - UNSATURATED OLEFINIC FUNCTIONALITY IN 2,2'-THIOBIS(1,3-DIARYLPROP-2-EN-1-ONES) BY 2,4-DINITROPHENYLHYDRAZINE 3. SYNTHESIS OF 4-METHYL-2,6-DIAROYL-3,5-DIARYLTETRAHYDRO-1,4-THIAZINE-1,1-DIOXIDES 4. SYNTHESIS AND STEREOCHEMISTRY OF 2,6-DIAROYL-3,5-DIARYL-4,4-DIACETYLTHIANE-1,1-DIOXIDES |

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. | PHOSPHOROUS, SULFUR AND SILICON | DIASTEREOSELECTIVE SYNTHESIS OF 2,2'-THIOBIS AND 2,2'-SULFONYLBIS-(1,3-DIARYL-PROP-2-EN-1-ONES)-AN OXIDATIVE CONFIGURATIONAL SWITCH | 2004 | 179 | 203-214 | 1042-6057 | TAYLOR AND FRANCIS, USA |

| | | | | | | | |
|-----|----------------------------------|--|------|---------|------|---------------------------|-------------------------|
| 3. | TETRAHEDRON | NOVEL TANDEM REACTIONS OF 2,2'-SULFONYLBIS-(1,3-DIARYL-PROP-2-EN-1-ONES) WITH HYDRAZINE: UNEXPECTED FORMATION OF 3,6-DIARYLPYRIDAZINES AND 3,5-DIARYLPYRAZOLES | 2002 | 58 | 2227 | 0040-4020 | ELSEVIER, USA |
| 4. | SULFUR LETT | SYNTHESIS AND CHARACTERIZATION OF Cu(II) BIS CHEALTES OF BIS(BENZOYL METHYL)SULFIDE, PHENYLTHIOACETOPHENONE AND A FEW MIXED LIGAND COMPLEXES | 2002 | 25 | 95 | 0278-6117 | TAYLOR AND FRANCIS, USA |
| 5. | PHOSPHOROUS, SULFUR AND SILICON | A SYNTHETIC AND STEREOCHEMICAL STUDY OF 2,6-DIAROYL-3,5-DIARYL-4-ETHYLTETRAHYDRO-1,4-THIAZINE-1,1-DIOXIDES | 2002 | 177 | 431 | 1042-6507 | TAYLOR AND FRANCIS, USA |
| 6. | JOURNAL OF CHEM. CRYSTALLOGRAPHY | CRYSTAL AND MOLECULAR STRUCTURE OF THREE 2,2'-THIO AND 2,2'-SULFONYLBIS(1,3-DIARYL PROP-2-EN-1-ONES) | 2001 | 31 | 87 | 1572-8854 | SPRINGER, USA |
| 7. | MAGNETIC RESONANCE | DIASTERESELECTIVE SYNTHESIS AND ¹ H AND ¹³ C NMR STUDY OF 4-ACETYL-2,6-DIAROYL-3,5-DIARYL-4-ETHOXYCARBONYLTHIANE-1,1-DIOXIDES | 2001 | 39 | 651 | 978-0199260614 | WILEY, USA |
| 8. | INDIAN JOURNAL OF CHEMISTRY | THROUGH SPACE INTERACTIONS OF SULPHUR IN LANTHANIDE (III) COMPLEXES OF PHENYL ACETIC ACID | 2001 | 40A | 754 | 0975-0983 | NISCAIR, INDIA |
| 9. | INDIAN JOURNAL OF CHEMISTRY | SYNTHESIS AND STEREO CHEMICAL STUDIES OF SOME 2,6-DIAROYL-3,5-DIARYL-4-DITHOXYCARBONYLTHIANE-1,1-DIOXIDES | 1999 | 38B | 376 | 0975-0983 | NISCAIR, INDIA |
| 10. | PHOSPHOROUS, SULFUR AND SILICON | 2,6-DIAROYL-3,5-DIARYL-4-METHYLTETRAHYDRO-1,4-THIAZINE-1,1-DIOXIDES - A SYNTHETIC AND STEREOCHEMICAL STUDY | 1999 | 155 | 167 | 1042-6507 | TAYLOR AND FRANCIS, USA |
| 11. | INDIAN JOURNAL OF CHEMISTRY | A SYNTHETIC AND STEREOCHEMICAL STUDY OF 2,6-DIAROYL-3,5-DIARYLTETRAHYDRO-1,4-THIAZINE-1,1-DIOXIDES | 1999 | 38B | 962 | 0975-0983 | NISCAIR, INDIA |
| 12. | PHOSPHOROUS, SULFUR AND SILICON | SYNTHESIS AND NMR SPECTRAL STUDIES OF 2E,6E-DIAROYL-3E,5E-DIARYL-1,4-DITHIANE-1,1-DIOXIDES | 1998 | 134/135 | 171 | 1042-6507 | TAYLOR & FRANCIS, USA |

8. MAJOR ASSIGNMENTS

| S. No. | MAJOR ASSIGNMENTS | INSTITUTION | THEME/TITLE | PLACE | DATE & YEAR |
|--------|-------------------|----------------|---|---------------|-------------|
| 1. | RESOURCE PERSON | V.V.V. COLLEGE | INTRODUCTION TO ORGANIC SYNTHESIS | VIRUDHU NAGAR | 2003 |
| 2. | RESOURCE PERSON | J.A.P. COLLEGE | APPLICATIONS OF SPECTROSCOPY FOR STRUCTURAL ELUCIDATION | PERIAKULAM | 2005 |

9. PROJECT UNDERTAKEN

| S. No. | TITLE OF PROJECT | POSITION | SPONSORED BY | DATE & YEAR | SANCTIONED AMOUNT (₹) |
|--------|---|------------------------|--------------|-------------|-----------------------|
| 1. | MINOR PROJECT SYNTHESIS OF FURANO BICYCLIC HETEROCYCLES EMPLOYING CYCLOADDITION PROTOCOL | PRINCIPAL INVESTIGATOR | UGC | 2001 - 2003 | 15,000 |
| 2. | MAJOR PROJECT: ENVIRONMENT - FRIENDLY APPROACH FOR THE SYNTHESIS OF NOVEL AND BIOLOGICALLY IMPORTANT HETEROCYCLES | CO-INVESTIGATOR | UGC | 2006 - 2009 | 6,01600 |

10. MEMBER OF THE BOARD OF STUDIES

| S. No. | NAME OF THE INSTITUTION | NAME OF THE POSITION | DURATION |
|--------|------------------------------|---|-------------|
| 1. | BOARD OF STUDIES MKU NOMINEE | MEENAKSHI COLLEGE, MADURAI | 2002 - 2004 |
| 2. | BOARD OF STUDIES MKU NOMINEE | JAYARAJ ANNAPACKIAM COLLEGE, PERIAKULAM | 2007 - 2009 |
| 3. | BOARD OF STUDIES MEMBER | MKU U.G. BOARD | 2004 - 2006 |
| 4. | BOARD OF STUDIES MEMBER | MKU P.G. BOARD | 2009 - 2013 |