

ANDIVELU ILANGOVAN

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Education

Ph.D.	Chemistry	Organic Chemistry, Indian Institute of Chemical Technology (IICT) - 1995-2000	Osmania University, Hyderabad, India
M.Sc.	Chemistry	PSG college of Arts and Science, Bharathiyar 1986-1988	University, Coimbatore - 641 046. India.
B.Sc.	Chemistry,	Vivekananda College, Tiruvedagam West - 625234, Madurai Kamaraj 1982-1985	University, Madurai - 625021, India.

Employment

Senior Professor	School of Chemistry, Bharathidasan University, Tiruchirappalli-620024, INDIA	2021 - Till date	03 years
Professor	School of Chemistry, Bharathidasan University, Tiruchirappalli-620024, INDIA	2011 - Till date	10 years
Associate Professor	School of Chemistry, Bharathidasan University, Tiruchirappalli-620024, INDIA	2008 - 2011	03 years
Reader	School of Chemistry, Bharathidasan University, Tiruchirappalli-620024, INDIA	2005 - 2008	03 years
Technical Officer	Central Electro Chemical Research Institute-CSIR, Karaikudi-630003 5 years 6 months, INDIA and Indian Institute of Chemical Technology-CSIR, Hyderabad-500607, INDIA.	1989 - 2005	16 years 4 months
			~ 35 years

Academic / Administrative Positions

Chair, School of Chemistry, Bharathidasan University, Feb 2016 Aug 2018 and June 2024 - present.

Former Dean, Faculty of Science, Engineering and Technology, Bharathidasan Univ, 2021- 2023

Former Director i/c, Center for Distance Education, Bharathidasan University – 2018 – 2021.

Former Head, Department of Chemistry, Bharathidasan University, 2017 and 2018.

Teaching > 22 years (PG and PhD Chemistry); Research Experience > 35 years

- ✚ **Teaching:** Organic Chemistry - Reaction mechanism, Spectroscopy, Asymmetric synthesis, Rearrangements, Name reaction and Reagents in organic synthesis, Synthetic methodology.
- ✚ **Research Interest: Synthetic Organic Chemistry** - Total synthesis, bioactive natural products, NCEs, Medicinal Chemistry, Synthesis of quinone derivatives, Organic materials, Organo catalysis, Asymmetric synthesis, Development of efficient green synthetic methods - C-H activation approaches, green Lewis acids, transition metal catalysts, protecting groups, solid phase organic synthesis, electro-organic methods.

Publications - Manuscripts / Patents / Books and others

- ✚ **Manuscripts Published** : 81 (International) Annexure 1
- ✚ **Patents** : International - 1, National – 4 – (Annexure 2)
- ✚ **Books** (Annexure 3) : **Book Written** - 2, **Edited** -1, **Chapter** -03
- ✚ **i10-index** : 51, **h-index** : 25, **Citations** : 2111 (Google Scholar - date 11.08.2024)
- ✚ **Research Guidance** : (Annexure 4a-g)

Programme	Post doc	Ph.D	M.Phil	M.Sc	M. Tech, UG & others
Completed	2	12	09	71	5
Ongoing	1	7	-	6	-
- ✚ **Commercial Processes Developed** : 5 drugs and several fine chemicals (Annexure 5)
- ✚ **Sponsored Projects Handled** : 04 (Annexure 6)
- ✚ **Editorial Board Member for journals** : 1. General Chemistry, 2. Chemical Science and Engineering Research.
- ✚ **Reviewer for International Journals** ~15 different international journals (Annexure 7)
- ✚ **Seminars / Conferences Organized** : 09 - Refresher course – 02, National Seminar – 04, International seminar - 02, Workshop – 01. (Annexure 8)
- ✚ **Invited Lectures / Poster presentation** : More than 100 (International–12, National–88) (Annexure 9)
- ✚ **Seminars / Workshops Attended** : International-10 + National > 100 (Annexure 10)
- ✚ **Doctoral Committee Member** : >52 (Annexure 19)
- ✚ **Ph. D / M. Phil viva voce conducted** : 32 (Annexure 20)
- ✚ **Ph. D / M. Phil Chem thesis evaluated** : 133 / 20 (Annexure 21)
- ✚ **Question paper setter / Practical** : Ph. D – 6 / M. Phil -5 / M. Sc -82 (Annexure 22)
- ✚ **Personal** : Male, Indian, born on 25th June

Fellowships, Awards and Honors

- ❖ **Indian National Science Academy – German Research Foundation (INSA-DFG) bilateral exchange fellowship**, Ludwig Maxmilian University, Munich, **Germany**. Sep 2015 to Nov 2015 - 3 months.
- ❖ **Japan Society for the Promotion of Science (JSPS) Postdoctoral fellowship**, Graduate School of Pharmaceutical Sciences, Tohoku University, Sendai, **Japan**. Nov 2001 to Oct 2003.
- ❖ **Governing Council Member**, Society for Advancement of Electrochemical Science and Technology (SAEST), Central Electro Chemical Research Institute, Karaikudi. 2019-2021
- ❖ **Vice Chairman**-Electro Organic and Inorganic Group of Society for Advancement of Electrochemical Science and technology (SAEST), Karaikudi- CECRI, Karaikudi. 2007-2009.
- ❖ **Zonal Secretary**, Indian Association of Chemists and Biologists (IICB), Lucknow **South Zone**. Year 2017.
- ❖ **President, Institution Innovation Council**, Bharathidasan University, India. Since Nov-2018
- ❖ **Coordinator**, committee for “The Times Higher Education World Ranking” of Bharathidasan University, Tiruchirappalli. Since 2017
- ❖ **Chairman**, Institutional Academic Integrity Panel, Bharathidasan University, during 2023.
- ❖ **Foreign Countries visited** for academic purpose: Germany-2018, 2015, France-2015, Russia-2013, Japan - 2003-2001 (Annexure 11).
- ❖ **Got certificate of appreciation** for outstanding contribution, from Vice-Chancellor, Bharathidasan University, Tiruchirappalli, Jan 2019.
- ❖ Contributed significantly to Teaching, Academic Environment, Corporate life, Administrative and Institutional Responsibilities. (Annexure 23).

Member of Important Committees

1. **Expert member** in committee for evaluation projects submitted to UGC, New Delhi. 2014
 2. **University Representative to Governing Body / College Committees / Advisory Committee** - (Annexure 12)
- ❖ **Member Academic Council / Academic Affairs. for several colleges** (Annexure 13).
 - ❖ **Member Board of Studies in Chemistry** for twenty colleges (Annexure 14).
 - ❖ **Convener /Chairperson** - Committee for granting affiliation to colleges (Annexure 15)
 - ❖ **Expert member and University representative** - committee for extension of Autonomous status to College. (Annexure 16)

- ❖ **Member High power committee / Inspection commission** to affiliated colleges of Bharathidasan University to verify fees collection and other administrative matters. (Annexure 17)
- ❖ **Member committees for** selection of Principal / Faculty members / Research Fellows (Annexure 18)
- ❖ **Member of Research Committee**, Bharathidasan University, Tiruchirappalli-620024 – during 2021-23.
- ❖ **Expert member** in Chemistry, World Class Curriculum Development Cell, Physical Sciences, Bharathidasan University, Trichy, during the year 2015.
- ❖ **Member - TANSCHÉ** Project Monitoring Committee (2019 – 2020). Ref. No. RGP/2019-20/BDU/HECP-0046, Dated 27 Apr 2021.
- ❖ **Chairman**, seating arrangement committee for Bharathidasan University Convocation - 2018.

Professional Affiliations / Membership

1. Life member, Society for the Advancement of Electro Chemical Science and Technology (SAEST), Karaikudi since 17.4.2001.
2. Life Member, Catalysis Society of India, IIT, Madras, since Aug – 2013.
3. Life Member, Chemical Research Society of India, Bangalore, since 2.11.2011.
4. Life member, Indian Society of Chemists and Biologists, Lucknow, since 11.11.2011.
5. Life member, Forum for Advancement of Science of Human Development (FASHOD), Karaikudi, India.
6. Member American Chemical Society, United States, since Sep–2015 to August 2016.

Annexure 1a - Manuscripts Published in International Journals

81. Minor limonoid constituents from *Swietenia macrophylla* by Simultaneous isolation using supercritical fluid chromatography and their biological activities. Kathiravan Asokan, A. Zahir Hussain, Rajesh Kumar Gattu, Andivelu Ilangovan* *RSC Adv.*, *Accepted for publication*. **2024**, Manuscript ID: RA-ART-05-2024-003663.R2, **Royal Society of Chemistry**.
80. “Microwave-assisted one-pot synthesis of carbon dots from biomass: Fe (III) ion sensing and in-situ methylene blue reduction catalytic activity”, Hema Sindhuja George, Hosimin Selvaraj, Andivelu Ilangovan, Bader O Almutairi, Mohamed Kasim Sheit, Kuppusamy Sathishkumar, *Desalination and Water Treatment*, 320, **2024**, 100624. <https://doi.org/10.1016/j.dwt.2024.100624>, Impact factor: 2.6 Citations: --. Springer Link.

79. "Synthesis of Carbon Dots via Microwave-Assisted Process: Specific Sensing of Fe (III) and Antibacterial Activity" Hosimin Selvaraj, Ganapathy Bruntha, Andivelu Ilangovan, *Journal of Fluorescence*, 2024, 1-11, <https://doi.org/10.1007/s10895-024-03845-z> Impact factor: 2.6 (2023), Citations: --. **Springer Link**,
78. "Eco-friendly and sustainable process for recovery of sulphate from paper mill mixed salt: Recycling of sulphate for dye fixation process", Hosimin Selvaraj, Hema Sindhuja George, Priyadharshini Aravind, Karthikeyan Chandrasekaran, Andivelu Ilangovan, Maruthamuthu Sundaram, *Journal of Environmental Management*, **2024**, 353, 120201, <https://doi.org/10.1016/j.jenvman.2024.120201>, Impact factor: 8.0, Citations:--. **Academic Press/ Elsevier, Science direct**.
77. "Efficient amidation of weak amines: synthesis, chiral separation by SFC, and antimicrobial activity of N-(9,10-dioxo-9,10-dihydroanthracen-1-yl) carboxamide", Kathiravan Asokan, A. Zahir Hussain and Andivelu Ilangovan*, *Org. Biomol. Chem.*, 2024, 22, 309, Received 29th October 2023, Accepted 15th November 2023, DOI: 10.1039/d3ob01774e, <https://doi.org/10.1039/D3OB01774E> , Impact Factor: 3.2 (2022), Citations:--. **Royal Society of Chemistry**.
76. "Green synthesis of biomass derived carbon dots via microwave-assisted method for selective detection of Fe³⁺ ions in an aqueous medium" Hema Sindhuja George, Hosimin Selvaraj, Andivelu Ilangovan, Karthikeyan Chandrasekaran, Velu Rajesh Kannan, Punniyakotti Parthipan, Bader O. Almutairi, Ranjith Balu, *Inorganic Chemistry Communications*, **2023**, 157, 111348, <https://doi.org/10.1016/j.inoche.2023.111348> , Impact Factor: 3.8 (2023), Citations: 4. **Elsevier/science direct**.
75. "Promoting Catalytic C-Selective Sulfonylation of Cyclopropanols against Conventional O-Sulfonylation Using Readily Available Sulfonyl Chlorides", Thangeswaran Ramar, Andivelu Ilangovan, and Murugaiah A. M. Subbaiah*, *The Journal of Organic Chemistry* **2023**, 88 (19), 13553-13567, <https://doi.org/10.1021/acs.joc.3c01230> , Impact Factor: 3.8 (2022), Citations: 3. **American Chemical Society**.
74. "Examining the Scope of Deriving β -Aryl Enones from Enol Silanes as Ketone Equivalents via Pd(II)- Mediated Sequential Dehydrosilylation and Arylation", Subba Rao Polimera, Andivelu Ilangovan,* Murugaiah A M Subbaiah*, *J. Org. Chem.* **2023**, 87, 21, 14778–14792, <https://doi.org/10.1021/acs.joc.3c00502> , Impact Factor: 3.8 (2022), Citations: --, **American Chemical Society**.
73. "Developing a Transition Metal-Free Green Protocol for the Electrophilic Hydrazination of Silyl Enol Ethers using Diazo Electrophiles with EtOH-H₂O as a Safe Solvent", Subba Rao Polimera, Andivelu Ilangovan,* Murugaiah A M Subbaiah*, *Green Chem.*, **2023**, 25, 2368-2377, <https://doi.org/10.1039/D2GC04607E> , Impact factor: 11.034 (2021), Citations: 6. **Royal Society of Chemistry**.

72. “Effective removal of 2, 4-dichlorophenoxyacetic acid from aqueous solutions using polyaniline recovered from non-recyclable pigment effluent via electro polymerization”, Hema Sindhuja George, Priyadharshini Aravind, Hosimin Selvaraj, Andivelu Ilangovan, Maruthamuthu Sundaram, Subramanyan Vasudevan, *Journal of Water Process Engineering*, **2023**, 51, 103407, <https://doi.org/10.1016/j.jwpe.2022.103407>, Impact factor: 7 (**2023**), Citations: 8 . **Elsevier**.
71. “Synthetic Access to α -Oxoketene Aminals by the Nucleophilic Addition of Enol Silane-Derived Palladium(II) Enolates to Carbodiimides”, Subba Rao Polimera, Andivelu Ilangovan, Nicholas A. Meanwell, and Murugaiah A M Subbaiah, *J. Org. Chem.* **2022**, 87, 21, 14778–14792, Publication Date: October 26, 2022, <https://doi.org/10.1021/acs.joc.2c02107> , Impact Factor: 3.8 (2022), Citations: 2. **American Chemical Society**.
70. “Electrophilic Hydrazination of Cyclopropanols Using Azodicarboxylates via Copper (II) Catalysis: An Umpolung Strategy to Access β -Hydrazino Ketone Motifs”, Thangeswaran Ramar, Andivelu Ilangovan, Nicholas A. Meanwell, and Murugaiah A M Subbaiah, *J. Org. Chem.* **2022**, 87, 21, 14596–14608, <https://doi.org/10.1021/acs.joc.2c01980>, Publication Date: October 3, 2022, Impact Factor: 3.8 (2022), Citations: 2. **American Chemical Society**.
69. “Orchestrating a β -Hydride Elimination Pathway in Palladium(II)-Catalyzed Arylation/Alkenylation of Cyclopropanols using Organoboron Reagents to Derive β -Substituted Enones and Dienones”, Thangeswaran Ramar, Murugaiah A. M. Subbaiah,* Andivelu Ilangovan*, *J. Org. Chem.* **2022**, 87, 7, 4508–4523. Publication Date: March 15, 2022, <https://doi.org/10.1021/acs.joc.1c02735>, Impact Factor: 3.8 (2022), Citations: 8. **American Chemical Society**.
68. “Intramolecular resonance assisted N–H \cdots O=C hydrogen bond and weak noncovalent interactions in two asymmetrically substituted geminal amido-esters: Crystal structures and quantum chemical exploration”, Perumal Venkatesan, Subbiah Thamocharan*, M. Judith Percino, Andivelu Ilangovan*, *Journal of Molecular Structure* **2021**, 1246, 131210, Publication date: 15, December 2021, <https://doi.org/10.1016/j.molstruc.2021.131210>, Impact factor: 3.8 (2023), Citations: 7. **Elsevier**.
67. “The Ligand Free Palladium(II)-Catalyzed Regioselective 1,2-Addition of Enol Silanes to Quinones to Access 4-Hydroxy-4-(2-oxo-2-arylethyl)cyclohexadien-1-ones and Synthetic Applications”, Subba Rao Polimera, Murugaiah A. M. Subbaiah,* Andivelu Ilangovan* *J. Org. Chem.* 2021, 86, 21, 14356–14370 Publication Date: September 23, 2021, <https://doi.org/10.1021/acs.joc.1c00857> , Impact Factor- 3.6 (2022), Citations: 4. **American Chemical Society**.
66. “Photocatalyzed Chemo-Selective Alkylation of Quinones and Phenothiazinones with Alkyl Amides: Photophysical and Cytotoxic Activity Studies”, Pandaram Sakthivel, T. P. Adarsh Krishna, and Andivelu Ilangovan*, *ChemistrySelect* **2021**, 6, 2094 –2100.

<https://doi.org/10.1002/slct.202100054>, Impact factor: 2.307 (2021), Citations: 4. **European chemical societies publishing.**

65. “Crystal Packing Modulates the Strength of Resonance-Assisted Hydrogen Bond and the Role of Resonance-Assisted Pseudo Rings Stacking in Geminal Amido-Esters: A Study Based on Crystallography and Theoretical Calculation”, Perumal, Venkatesan; Thamotharan, Subbiah; Percino, M. Judith; Ilangovan, Andivelu; *Crystal Growth & Design*, Manuscript ID: cg-2020-01010m, Submitted on 21 July 2020. <https://doi.org/10.1021/acs.cgd.0c01010> . Impact factor: 3.8 (2022), Citations: 6. **American Chemical Society.**
64. “BF₃.OEt₂-TFAA Mediated Tetra-Functionalization of Amino Acids - Synthesis of Di- and Tri-Substituted 2-Trifluoromethyl Oxazoles in One Pot”, Velusamy Karuppusamy and **Andivelu Ilangovan**, (Organic Letters) *Org. Lett.* 2020, 22, 18, 7147–7151, <https://doi.org/10.1021/acs.orglett.0c02484> , Impact Factor- 5.2 (2022), Citations: 14. **American Chemical Society.**
63. “Utility of Organoboron Reagents in Arylation of Cyclopropanols via Chelated Pd (II) Catalysis-Chemoselective Access to β-Arylketones”, Thangeswaran Ramar, Murugaiah A. M. Subbaiah*, and **Ilangovan Andivelu***, *J. Org. Chem.* 2020, 85, 12, 7711–7727, Publication Date: June 10, 2020, <https://doi.org/10.1021/acs.joc.0c00160> , Impact Factor- 3.6 (2022), Citations: 25. **American Chemical Society.**
62. “The Silver Catalyzed Direct C-H Functionalization of Quinones with Dialkyl amides”, Sakthivel Pandaram, Adarsh Krishna T. P and **Andivelu Ilangovan**, *Org. Biomol. Chem.*, 2020, 18, 3027-3031, <https://doi.org/10.1039/D0OB00323A> , Impact factor: 3.2 (2022), Citations: 9. **Royal Society of Chemistry.**
61. “Oxidative Radical Coupling of Hydroquinones and Thiols Using Chromic Acid: One Pot Synthesis of Quinonyl Alkyl/Aryl Thioethers”, Adarsh Krishna T.P, Sakthivel Pandaram, Suresh Chinnasamy and **Andivelu Ilangovan**, *RSC Adv.*, 2020, 10, 19454-19462, <https://doi.org/10.1039/D0RA01519A> , Impact factor 3.9 (2022), Citations: 13. **Royal Society of Chemistry.**
60. “Reducing-agent-free facile preparation of Rh-nanoparticles uniformly anchored on onion-like fullerene for catalytic applications”, Mayakrishnan Gopiraman, Somasundaram Saravanamurthy, Ullah Sana, Ilangovan, Andivelu, Ick Soo Kim, Ill Min Chung, *RSC Adv.*, 2020, 10, 2545-2559, <https://doi.org/10.1039/C9RA09244G> , Impact factor: 3.9 (2022), Citations: 30. **Royal Society of Chemistry.**
59. “Facile Green Preparation of Rhodium Nanoclusters Supported Nano-Scaled Graphene Plates for Sonogashira Coupling Reaction and Reduction of p-Nitrophenol”, Gopiraman Mayakrishnan, Saravanamoorthy Somasundaram, Ullah Sana, Ilangovan Andivelu, Kim Ick

- Soo, Chung Ill Min, *Catalysts*, **2019**, 9(11):908, <https://doi.org/10.3390/catal9110908> , Impact factor: 3.9 (2022), Citations: 7.
58. “Green synthesis of Ag@Au bimetallic regenerated cellulose nanofibers for catalytic applications”, Mayakrishnan Gopiraman, Somasundaram Saravanamoorthy, Ramaganthan Baskar, **Andivelu Ilangovan**, Ill-Min Chung, *New J. Chem.*, **2019**, **43**, 17090-17103 Accepted Manuscript, <https://doi.org/10.1039/C9NJ04428K> , Impact factor: 3.591 (2020), Citations: 32, **Online only 2020**: ISSN 1369-9261. **Royal Society of Chemistry**.
57. “Catalytic Reduction of p-Nitrophenol and Carbonyl Compounds by NiO-Nanoparticles Fastened Graphene Oxide”, Somasundaram Saravanamoorthy, Elayappan Vijayakumar, Savariraj Jemimah and **Andivelu Ilangovan**, *Chem. Sci. Engg. Res.*, **2019**, 1(1), 1-7. Impact factor – 4.2 (2022), Citations: 6, **ISSN**: 2582-3353 (Online). **MDPI**.
56. “Iron-mediated site-selective oxidative C–H/C–H cross-coupling of aryl radicals with quinones: synthesis of β -secretase-1 inhibitor B and related arylated quinones”, Adarsh Krishna T.P, Sakthivel Pandaram and **Andivelu Ilangovan**, *Org. Chem. Front.*, **2019**, **6**, 3244-3251, <https://doi.org/10.1039/C9QO00623K> , Impact factor: 5.63 (2022), Citations: 11. **Online only 2020**: ISSN 2052-4129. **Royal Society of Chemistry**.
55. “Facile Mechanochemical Synthesis of Nickel/Graphene Oxide Nanocomposites with Unique and Tunable Morphology: Applications in Heterogeneous Catalysis and Supercapacitors”, Mayakrishnan Gopiraman, Somasundaram Saravanamoorthy, Andivelu Ilangovan, Ill Min Chung, *Catalysts*, **2019**, 9, 486; <https://doi.org/10.3390/catal9050486> , Impact factor: 3.9 (2022), Citations: 23. **ISSN** 2073-4344. **MDPI**.
54. “Copper Catalyzed Oxidative Amination of Methanol to Access Quinazolines”, A. Ilangovan, G. Satish, A. Polu and L. Kota, *Org. Biomol. Chem.*, **2019**, **17**, 4774-4782. <https://doi.org/10.1039/C9OB00392D> , Impact factor: 3.2 (2022), Citations: 23, **Online only 2020**: **ISSN** 1477-0539. **Royal Society of Chemistry**.
53. “Metal-free C-H thiomethylation of quinones using iodine and DMSO and study of antibacterial activity”, Sakthidevi Rajasekar, Adarsh Krishna T.P, Nagendran Tharmalingam, Ilangovan Andivelu,* and Eleftherios Mylonakis* *ChemistrySelect* **2019**, **4**, 2281-2287. <https://doi.org/10.1002/slct.201803816> , Impact Factor: 2.307 (2021), Citations: 17. **European chemical societies publishing**.
52. “Nickel-Catalyzed Annulation of 2'-Aminochalcones: A Simplistic Access to 4-Styryl and 2,4-Distyrylquinolines”, Gandhesiri Satish, Polu Ashok, Laxman Kota, **Andivelu Ilangovan** *ChemistrySelect* **2019**, **4**, 1346 –1349, <https://doi.org/10.1002/slct.201803199>, Impact Factor: 2.307 (2021), Citations: 7. **ISSN**: 2365-6549 (online). . **European chemical societies publishing**.
51. “Evaluation of pheromone-based kit: A non-invasive approach of estrus detection in buffalo” Subramanian Muthukumar, Samuthirapandi Muniasamy, Mahalingam Srinivasan, Andivelu Ilangovan, Soundarapandian Satheshkumar, Thangavel Rajagopal, Velusamy Ramesh, Saravana

Kumar, Karuppusamy Sivakumar, Govindaraju Archunan, *Reprod Dom Anim.* **2018**; 53:1466–1472. Blackwell Verlag GmbH, <https://doi.org/10.1111/rda.13281> , Impact factor: 1.7 (2022), Citation: 6, Online ISSN:1439-0531. **Wiley online library.**

50. “Transition metal mediated selective arylation of 2-aminonaphthoquinone and its application toward the synthesis of benzocarbozolidine”, P. Ashok, **A. Ilangovan**, *Tetrahedron Letters*, **2018**, 59, 438-441. <https://doi.org/10.1016/j.tetlet.2017.10.075>, Impact factor: 1.8 (2022), Citations: 16. **Pergamon.**
49. “Synthesis of anti-leptospirosis active 2,3-dihydropyran fused derivatives”, Andivelu Ilangovan, Palaniappan Sakthivel, and Nataraja Srinivasan, *European Journal of Medicinal Chemistry*, **2017**, 125, 29-40. Impact factor: 6.7 (2023)
48. “Relating the Structure of Geminal Amido Esters to their Molecular, hyperpolarizability”, Jacqueline M. Cole, Tze-Chia Lin, Christopher M. Ashcroft, Javier Perez-Moreno, Yizhou Tan, Perumal Venkatesan, Andrew P. Higginbotham, Philip Pattison, Alison J. Edwards, Ross O. Piltz, Koen Clays, and Andivelu Ilangovan. *J. Phys. Chem. C*, **2016**, 120, 29439–29448, <https://doi.org/10.1021/acs.jpcc.6b10724>, Impact factor: 3.7 (2022), Citations: 6. **American chemical society.**
47. “Metal free one pot decarboxylative conversion of benzoic acids to anilines using tosyl azide” **Andivelu Ilangovan**, Palaniappan Sakthivel, *Org. Chem. Front.*, **2016**, 3, 1680 –1685, <https://doi.org/10.1039/C6QO00343E> . Impact factor: 5.63 (2022), Citations: 19. **Royal Society of Chemistry.**
46. “Structural investigation of (2E)-2-(ethoxycarbonyl)-3-[(4-methoxyphenyl)amino]prop-2-enoic acid: X-ray crystal structure, spectroscopy and DFT”, Perumal Venkatesan, Venkatachalam Rajakannan, Natarajan S Venkataramanan, Andivelu Ilangovan, Tom Sundius, Subbiah Thamotharan, *Journal of Molecular Structure*, **2016**, 1119, 259-268, <https://doi.org/10.1016/j.molstruc.2016.04.090> , Impact factor: 3.8 (2023), Citations: 22. **Elsevier.**
45. “Natural Product-Inspired Rational Design, Synthesis and Biological Evaluation of 2,3-Dihydropyrano[2,3-f]chromen-4(8H)-one Based Hybrids as Potential Mitochondrial Apoptosis Inducers”, Palaniappan Sakthivel, **Andivelu Ilangovan**,* and Mahabir Prasad Kaushik. *European Journal of Medicinal Chemistry* **2016**, 122, 302-318, <https://doi.org/10.1016/j.ejmech.2016.06.044> , Impact factor: 6.7 (2023), Citations: 15. **Elsevier.**
44. “An Unusual Sequential Deacylative C-C/C-O Bond Cleavage of 5-Carbonyl-2,3-Dihydro-4H-Pyran-4-one Derivatives”, **A. Ilangovan**, P. Sakthivel and H. Zipse, *Chemistry Select* **2016**, 5, 1109– 1116, <https://doi.org/10.1002/slct.201600131> . Impact factor: 2.307 (2021), Citations: 5.
43. “Crystal structure, Hirshfeld surfaces and DFT computation of NLO active (2E)-2-(ethoxycarbonyl)-3-[(1-methoxy-1-oxo-3-phenylpropan-2-yl)amino]prop-2-enoic acid”, Perumal Venkatesan, Subbiah Thamotharan, Andivelu Ilangovan, Hongze Liang, and Tom Sundius, *Spectrochimica*

- Acta A*, **2016**, *153*, 625-636, <https://doi.org/10.1016/j.saa.2015.09.002> , Impact factor: 3.086 (2019), Citations: 251. **Elsevier**.
42. “Two new isatin derivatives: 1-(2-Bromoethyl)indoline-2,3-dione & 1-Methyl-1*H*indole-2,3-dione”, N. Sharmila, T.V. Sundar, G. Satish, A. Ilangovan and P. Venkatesan, *Acta Cryst.* **2015**, C71, 975–978, <https://doi.org/10.1107/S2053229615018422> . Impact factor: 2.266 (2022), Citations: 4.
41. “K₂S₂O₈-mediated metal-free arylation of quinones Using Arylboronic Acids”, **A. Ilangovan**, P. Ashok, G. Satish, *Org. Chem. Front.*, **2015**, *2*, 1616–1620. <https://doi.org/10.1039/C5QO00246J> , Impact factor: 5.63 (2022), Citations: 64, **Royal Society of Chemistry**.
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39. “I₂/Cu-mediated Self-sorting Domino Reaction of Aryl β-Ketoesters to Symmetrical 2-Carboalkoxy-1,4-Enediones: Application to Synthesis of Pyrazine, β-Carboline and Quinoxalines”, G. Satish, **A. Ilangovan**, *RSC Advances*, **2015**, *5*, 46163–46172. Impact factor: 3.9 (2022), Citation: 07. <https://doi.org/10.1039/C5RA08030D>, **Royal Society of Chemistry**.
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05. “Alternative Lewis acids for Claisen rearrangement of allyl aryl ethers” G. V. M. Sharma, **A. Ilangovan**, P. Srinivas, A. K. Mahalingam, *Synlett*.**2000**, 615-618. DOI: 10.1055/s-2000-6611, Impact factor: 2.0 (2022) Citation: 38, **Georg Thieme Verlag.**
04. “Synthesis of 5-Fluorosalicylic acid” G. V. M. Sharma, **A. Ilangovan**, B. Lavanya, *Synth. Commun.***2000**, *30*, 397- 405. <https://doi.org/10.1080/00397910008087335>, Impact factor: 2.1 (2022), Citation:10. **Taylor & Francis Group.**
03. “Ytterbium triflate mediated selective deprotection of acetates” G. V. M. Sharma, **A. Ilangovan**, *Synlett*.**1999**, 1963-1965. DOI: 10.1055/s-1999-2975 , Impact factor: 2.0 (2022) Citation: 18. **Georg Thieme Verlag.**
02. “Facile acetylation of alcohols, ethers and ketals with catalytic FeCl₃ in AcOH” G. V. M. Sharma, A. K. Mahalingam, M. Nagarajan, **A. Ilangovan**, P. Radhakrishna, *Synlett*.**1999**, 1200-1202. DOI: 10.1055/s-1999-2806, Impact factor: 2.0 (2022), Citation: 30. **Georg Thieme Verla.**
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Annexure 1b - Manuscripts communicated in Journals

83. *In silico* screening and *invitro* identification of 2-(4-methoxyphenyl)-3-(5 oxopyrrolidin-2yl) naphthalene-1, 4-dione (AIGM -2024-5) as a potent small molecule modulator and their biophysical interactions studies against Human Y-Box Binding Protein- 1, Maharaja Sopmasundaram, Ganeshan Mathan, Andivelu Ilangovan, Manuscript under preparation for submission to *Journal of Medicinal Chemistry*.
82. “Novel 2-trifluoromethyl oxazole as a potent antibiotic against pathogenic strains of spirochetes *Leptospira interrogans*”, Ilangovan, Andivelu; karuppusamy, velusamy; Sakthivel, Pandaram; Sivasankari, Karikalacholan; Akino Mercy, Charles; Sumaiya, Krishnamoorthi; Natarajaseenivasan, Kalimuthusamy, *Journal of Medicinal Chemistry*, Manuscript ID: jm-2023-000652, Under review, to be resubmitted after revision

Classification of manuscripts published

Publications in American Chemical Society Journals

Publications in Royal Society of Chemistry Journals

Publications in Wiley Journals

Publications in Elsevier Journals

Publications in Thieme Journals

Publications in Springer Journals

Publications with more than 3.5 Impact factor

Publications with Highest Impact factor

Publications in Other Journals

Annexure 2a - International Patent

1. A process for the preparation of novel dipyrano-quinoline class of compounds useful as anti-HIV agents, Gurjar Mukund Keshao; Sharma Gangavaram Vasantha Madva; **Ilangovan Andivelu**; Narayanan Venkatachala Lakshmi;
Assignee: Council of Science & Industrial Research, New Delhi.
Priority number: IN1998DE0001441, Issue Date 29.5.1998, International Patent Classification: C07D2150000,
Indian Patent Number: IN190036, Issue Date: 31.5.2003

Annexure 2b - Indian Patents

1. An improved process for the preparation of 2,2-dimethyl-5-[2,5-dimethylphenoxy]- pentanoic acid, known as gemfibrozil, Alla Venkata Rama Rao; Madhusudan Nagorao Deshmukh; **Andivelu Ilangovan**
Assignee: Council of Science & Industrial Research, New Delhi.
Application No.: 1269/DEL/90 File Date: 18.12.1990.
Indian Patent Number: IN175368, Issue Date: 06.10.1995,
2. Dipyrano-quinolinones useful as anti-viral agents and a process for preparing the same, Gurjar; Mukund Keshao; Sharma; Gangavaram Vasantha Madhava; **Ilangovan; Andivelu**; Narayanan; Ven
Assignee: Council of Science & Industrial Research, New Delhi.
Application no. 321851, Filing date: 28.5.1999, International Patent Classification: C07D 491/12; A61K 031/436, Accepted on 20.2.2001 US Patent Number- 6,191,279
3. A process for recovery of sulphate and caustic from paper mill ESP ash, Hosimin Selvaraj, (Address of Applicant: School of chemistry Bharathidasan University Trichy- 620024 Tiruchirappalli,) Karthikeyan Chandrasekaran, Hema Sindhuja George, Ilangovan Andivelu, Priyadharshini Aravind, Maruthamuthu Sundaram, Patent Application number 202341007270 A, Journal number 08/2023, Journal Date 24.02.2023, Date of filing of Application :05/02/2023, Publication Date: 24/02/2023 Indian Patent office.

Annexure - 3a Book Written

1. "Green Chemistry and Nano Science", A. Ilangovan, Centre For Distance Education, Published by Bharathidasan University, Tiruchirappalli-620024, INDIA, Year of publication: February, 2017.

Annexure 3b - Book Edited

1. “Advances in Biotechnology and Patenting”, Editors S. Sivaramakrishnan, A. Ilangovan, B. Karthik Raja, Published by Elsevier Publications a division of Reed Elsevier India Private Limited, ISBN: 9789351073079, Year of publication, **2014**.

Annexure 3c - Book Chapter written

1. “Synthesis and Antimicrobial Activity of 2,2-Bis(ethoxycarbonyl)vinyl-amine Derived Bioactive Compounds”, Andivelu Ilangovan, Rajendran Ganesh Kumar, Radhakrishnana Rajesh Kumar, page no.317-331, in the book Advances in Biotechnology and Patenting, Editors S. Sivaramakrishnan, A. Ilangovan, B. Karthik Raja, Published by Elsevier Publications a division of Reed Elsevier India Private Limited, ISBN: 9789351073079, Year of publication, **2014**.
2. “C-H activation strategies for heterofunctionalization and heterocyclization on quinones - Application in synthesis of bioactive compounds, Andivelu Ilangovan” Adarsh Krishna T.P in the book "Organic Synthesis", ISBN 978-1-78985-944-7, INTECHOPEN LIMITED, Registered in England and Wales No. 11086078 www.intechopen.com. May **2020**, DOI:[10.5772/intechopen.83193](https://doi.org/10.5772/intechopen.83193). Publisher: IntechOpen Limited 7th floor 10 Lower Thames Street London, EC3R 6AF, UK. ISBN: 978-1-78985-944-7, Print ISBN: 978-1-78985-943-0, eBook (PDF) ISBN: 978-1-83880-626-2.
3. “N,N-Dialkyl Amides as Versatile Synthons for Synthesis of Heterocycles and Acyclic Systems” Andivelu Ilangovan,* Sakthivel Pandaram, Lavanaya Muniyandi, and Tamilselvan Duraisamy in the book "Organic Synthesis", ISBN 978-1-78985-944-7, INTECHOPEN LIMITED, Registered in England and Wales No. 11086078 www.intechopen.com. May **2020**, DOI:[10.5772/intechopen.83193](https://doi.org/10.5772/intechopen.83193). Publisher: IntechOpen Limited 7th floor 10 Lower Thames Street London, EC3R 6AF, UK. ISBN: 978-1-78985-944-7, Print ISBN: 978-1-78985-943-0, eBook (PDF) ISBN: 978-1-83880-626-2.
4. Functional nanocomposites for groundwater treatment, Somasundaram Saravanamoorthy Sekar Vikneshvaran, Mayakrishnan Gopiraman, Vadivel Porchezhiyan, Andivelu Ilangovan and Gopal Balamurugan* Functional Hybrid Nanomaterials for Environmental Remediation, Edited by Ahmad Fauzi Ismail; Pei Sean Goh, DOI: <https://doi.org/10.1039/9781839165283>, Hardback ISBN: 978-1-83916-221-3, PDF ISBN: 978-1-83916-528-3, EPUB ISBN: 978-1-83916-529-0 Special Collection: 2021 ebook collection, ECCO Environmental eBooks 1968-2022, Series: Chemistry in the Environment, No. of Pages: 308, Publication date: 24 Sep **2021**, Published by Royal Society of Chemistry.
5. “Metal nanostructures and their derived composites for catalytic conversion of organic contaminants in wastewater”, Somasundaram Saravanamoorthy, Muniyandi Muneeswaran,

Vanaraj Ramkumar, Andivelu Ilangovan, and Mayakrishnan Gopiraman* Pages: 187-213.
Name of the book: Inorganic Materials for Energy, Medicine and Environmental Remediation,
Published by Springer Link, ISBN: 978-3-030-79899-4, Year of publication, 2022.

Annexure 4a - Post Docotoral Fellows Mentored

1. **Dr. Saravanamoorthy**, UGC- Dr. D. S. Kothari Post Doctoral fellow, Application ID CH/18-19/0071), for three years from Feb-2019, email dated 7.2.2019 received from dskpdfcell@unipune.ac.in.
2. **Dr. R. Sakthidevi** – DST Women Scientist, from September 2019. D. S. Kothari Post Doctoral fellow.
3. **Dr. S. Hosimin** - UGC- Dr. D. S. Kothari Post Doctoral fellow, (Ref. No.F.4-2/2006(BSR)/CH/19-20/0220, dated 14.09.2021), for three years from Sep-2021.

Annexure 4b - Ph.D Thesis Guided

1. “Investigation of Reactivity of 2,2-Bis (Ethoxy Carbonyl) Vinyl (BECV) Amine Applications in the Synthesis of Bioactive Molecules” – **R. Ganesh Kumar, Submitted on September 2011**. Ph.D registration Ref. No. 3276/Ph.D-1/Chemistry/F.T/April 2006, Dated: 18.04.2006.
2. “Total Synthesis of (+)-9'-*O*-(*E*) - Feruloyl-5,5'-dimethoxylariciresinol, Podophyllotoxin analogue and Development of Green Synthetic Methodologies” **S. Malayappasamy– Submitted on April 2013**- Ph.D registration Ref. No.:13462/Ph.D1/Chemistry/Fulltime/July 2008 Date: 16-06-2008.
3. “Total Synthesis of Quinodihydrochalcones and Putrescine bisamides and Application of Phosphorous (V) Reagents in Important Organic Transformations” – **S. Saravanakumar, Submitted on November 2013**. Ph.D registration Ref. No. 015846/Ph.D.1/Chem/PT./October2007 dated 9.10.2007.
4. “Synthesis, Crystal Structure, Second Harmonic Generation and Antimicrobial Activity of 2-((Arylamino)methylene)malonate Derivatives, Chiral Ibuprofen Amides and 4-(Amino)-1-alkylpyridin-1-ium Bromide Salts”, **P. Venkatesan**, Ph.D registration, Ref. No.16406/Ph.D-1/Chem/PT/Jan 2007/date 23-02-2007.
5. “Synthetic Studies and Biological Evaluation of Compounds Containing 2,3-Dihydro-4*H*-pyran-4-one, Dihydronaphthopyran-4-one and Pyranochromanone Ring Systems’ - **P. Sakthivel**, Submitted on December 2015, Reference no. (i) 44544/Ph.D1/Chemistry/Full Time/ Jan.2010/Date: 09.02.2010.
6. “C-H Activation of *ortho*-Functionalized Anilines and Aryl β -Ketoesters: Synthesis of Isatins, Benzothiadiazine-1,1-dioxides, Styrylquinazolines, 1,4-Enediones and Related Natural Products” – **G. Satish**, Submitted on February 2016, Ref. No. 5212-B/ Ph.D1/ Chemistry/ Full Time/ Apr. 2011/ Date: 30.03.2011.
7. Development of copper / manganese /iron mediated organic transformation for efficient C-C and C-N bond forming reactions, synthesis of bioactive compounds and natural products.

Ashok Polu – (Ph.D registration Ref. No. 32899/Ph.D.1/Chemistry/Full-Time./October 2011/Date: 11.10.2011).

8. Study of Synthetic Utility of 2,3-Dihydropyranones and Employing Intra Molecular Acylative Aromatization Approach for the Synthesis of Polycyclic Molecule. **P. Sakthivel** – Ref No : 7366/Ph.D. K2/Chemistry/FullTime/April-2016/Date:14.03.2016
9. Novel C-H activation approaches for the synthesis of quinone derivatives and novel heterocycles. **T. P. Adarsh Krishna**- Ref No:7365/Ph.D.K2/Chemistry/Full time/April-2016/Date:14/03/2016.
10. Palladium (II) catalysed conversion of silylenol ethers in to useful organic compounds, synthesis of bioactive compounds and natural products. **R. Thangeswaran** – Ph.D registration Ref. No. 18249/Ph.D.K2/Chemistry/Part-Time./July 2013/Date: 23.07.2013.
11. “Palladium (II) catalysed conversion of silylenol ethers in to useful organic compounds, synthesis of bioactive compounds and natural products. **P. Subba Rao**, Ph.D registration Ref. No. 34391/Ph.D.K2/Chemistry/Part-Time/October 2013/Date: 04.10.2013.

Annexure 4c - Ph.D Students Currently Working

1. **Karuppusamy V.** – Synthesis of fluorinated aromatics as potential bioactive compounds. (Ph.D registration Ref. No. 17379/Ph.D.K2/Chem/P.T./July 2014/Date: 19.06.2014)
2. **Laxman Kota**, Design, synthesis and pharmacological evaluation of heat shock protein 90 (Hsp 90) inhibitors as anticancer agents. Ref No: 43831/Ph.D.K2/Chemistry/Full – time/January-2017/Date: 10.01.2017.
3. **Kalainilavan K.**, Photoredox-catalysed functionalization of quinones via C-H activation: Studies towards synthesis of redox active and potential biologically active heterocycles. Reg no: BDU211019277885-full time/February-2021/ Date:16.02.2021.
4. **Bruntha G.** - Synthesis of potent anti-cancer quinone fused heterocycles. Reg no: BDU2310192780210-full time/ Ref: PhD/K2/DR02/230118114247/dated: 18.01.2023.
5. **Shajahan** - Novel Mixed Logand Copper(II) Diimine Complexes Of Certain Drug Molecules: A Study of their Catalytic Activity Inorganic Synthesis, Nuclease Activity and Cytotoxicity . Reg. No. BDU2310192780385-full time Ref: Ph. D/K2/DR02/230719100712 date 19.07.2023
6. **Sneka Sri K.**- Green Synthesis of Functionalised Quinone Appended Heterocycles- Reg. No- BDU2410192780680 Full time, Ref. No- PhD/K2/DR02/240425101240 Date: 26.04.2024

Annexure 4d - Ph.D Thesis Co-Guided

1. Co-Guide to **K. Anandhan**, “Total Synthesis of Gramniphinol A, B and their analogues and Domino Synthesis, Photophysical and Biological activity of Novel Xanthene, Acridone and Quinoline derivatives” **Submitted on 13.07.2015.** (Ref. No.: (i) 39438/Ph.D1/Chemistry/Full Time/July 2009 /confirmation dt.03.02.2012, (ii) 39438/Ph.D1/Chemistry/Full Time/Re-registration-July 2014/dt. 10.07.14)

2. Co-Guide to **A. Kathiravan**, “Phyto Chemistry” Ref. No: 01642/Ph.D.K2/Chemistry/Part-time/January-2018, dated 30/12/2017.
3. Co-Guide to **G. Prabhu**, “Intriguing Optoelectronic and Biological Properties of New class of Imidazole and Acrylonitrile Based Donor-Acceptor Materials” **Submitted on 30.12.2013**. Ref.No.45619/Ph.D.K2/Chemistry/Full time/January-2014/Re-Regn/Jan 2018, dated 23.11.2022.
4. Co-Guide to **T. Ajaykamal**, “Cu(II) and Ni(II) as biomimetic and functional models for metalloenzymes” Ref. No.16684/Ph.D.K2/Chemistry/F.T./October 2017, dated 24.03.2023.

Annexure 4e - M. Phil Thesis Guided

1. A simple and selective deprotection method for 2,2-bis(ethoxycarbonyl)vinyl amine derivatives – R. Ganesh Kumar, April 2007-05CD-19075, Bharathidasan University.
2. Study on the use of eco-friendly Lewis acids for Knoevenagel reaction – M. Dhanabalan, Feb 2008-06CD-29406, Bharathidasan University.
3. Aromatic Acylation by Electro Catalytic Method – G. Karthick, April 2008-06CD-27700, Bharathidasan University.
4. Copper-catalyzed Synthesis of Functionalized Styrylquinolines by Friedlander Reaction – G. Madasamy, Reg No. 2012-MPFT04, School of Chemistry, Bharathidasan University.
5. One-pot Synthesis of 6-Benzyl-5-carboalkoxy-4-aryl-3,4-dihydropyrimidin-2(1H)-ones and Study of its conversion to 3,4-dihydrobenzo[g]quinazolin-2(1H)-one, K. Thalpathi, Reg. No: 2014-MPFT04, School of Chemistry, Bharathidasan University. Thesis submitted on December 2015.
6. Catalyst and Solvent Free TBHP mediated dual C-H Amination of Benzyl alcohols: Efficient Construction of 2-Phenyl-4-Methyl Quinazolines, PALANISAMY.S, Reg. No: 2016MPFT03 Thesis submitted on October 2017
7. Metal Free C(Sp³)-H Oxidative Amination of Aliphatic Alcohols Using TBHP: Simple Synthesis of Quinazolines from 2'-Aminobenzophenone, ARATHI RAJ, Reg. No: 2017MPFT01. Thesis submitted on August 2018
8. Organocatalyzed C–O Bond Formation Reaction via C–H Activation Cascade: Direct Synthesis of Quinonyl Ethers, C. SURESH, M.Sc. (Ref. No. 17CAF1032), Under the Guidance of Mr. V. RAJKUMAR, MSc, Ph.D., PG & Research Department of Chemistry, AVS College of Arts and Science, (Affiliated To Periyar University), Salem-636106-Tamilnadu. Thesis submitted on August – 2018.
9. Palladium catalyzed C-H and C-N bond activation approach for the synthesis of quinone-imidazole analogues, P. RAJIVGANDHI (Reg. No. 2018MPFT05/ M.Phil./Chemistry/Full Time). Thesis submitted on August - 2019.

Annexure 4f - M. Sc Thesis Guided

1. Electrochemical preparation of 2,2'-dimethoxy-1,1'-binaphthalene - **Sameena Begum**-2004, PSGR, Krishnammal College, Bharathiyar University, Coimbatore.
2. Synthesis and Characterisation of 1-Aminoanthraquinone Derivatives by Chemical and Electrochemical Methods - **A. Manivel** - March 2005, Vivekanada College, Thiruvudagam, Madurai Kamaraj University, Madurai.
3. Study on electrochemical behavior of rare earth metal derived complexes - Maduraiveeran - March 2005, Vivekanada College, Thiruvudagam, Madurai Kamaraj University, Madurai.
4. Novel approaches for the synthesis of 2-alkoxypropionic acids - **M. Santhoshkumar**-2005, Thiyagarajar College, Madurai Kamaraj University, Madurai.
5. A Simple and Efficient Approach for Phenyl Substituted α - Butyrolactones - **M. Pandiprabu** - Reg. No. 2005 MS 07, April, 2007, Bharathidasan University
6. A Simple And Selective Alkylation of Substituted Anilines Using A Novel Protective Group - **S. Sowmiah**, 2005 MS 14, April, 2007, Bharathidasan University
7. Selective Functionalisation of Aromatic Amine Using 2,2-Bis(Ethoxycarbonyl)Vinyl- Group - **B. Pirithivirajan**, Reg. No.2006MS10, May 2008, Bharathidasan University Trichy.
8. Lanthanide Triflate Catalysed Knoevenagel Type Reaction - **B. Sadishkumar**, Reg. No.2006Ms14, May – 2008, Bharathidasan University
9. Application Lanthanide Catalyst for Multicomponent reaction - **S. Ramesh**, Reg. No: 2006-MS13, Bharathidasan University
10. A novel organocatalyst for Aldol reaction - **M. P. Karthikayini**, Reg. No: 2007 MS 02, Bharathidasan University
11. Knoevenagel reactions of beta ketoesters - **A. L. Muthukumar**, May 2009, Reg. No: 2007MS05, Bharathidasan University
12. CaCl₂ Mediated Synthesis of Tricarbonyl Compound - **V. Karuppusamy**, May 2010. Reg. No: 2008 MS01
13. One Pot Synthesis of 9-Aryl-1, 8-Dioxooctahydroxanthene Derivatives Using Catalytic amount of HBr in Aqueous Media - **S. Karuppusamy**, Reg. No: 2009 Ms 02, May 2011.
14. Yb(OTf)₃ mediated acylation reaction - M. Deepa, Reg. No: 2010MS03, May 2012
15. A simple and efficient one pot synthesis of highly substituted 2,3-dihydro-4H-pyran-4-ones - **P. Prasath**, Reg. no: 2010MS09, May-2012.
16. A simple method for the synthesis of novel Pyrano-Isoxazolone derivatives - **N. Arjun**, Reg. no: 2011MS01, May-2013
17. Multicomponent reactions and synthesis of Acridine derivatives - **S. Abirami**, 2014 Reg. No. 2012MS01, May 2014.

18. Iodine-Mediated Domino Synthesis of Quinoxalines, a dissertation submitted to the St. Joseph's College (Autonomous), Tiruchirappalli - 620 002, **K. Bahadees Kumar**, Reg. No: 13PCH 101, Master of Science in Chemistry.
19. Direct C-H Functionalization of Quinone with Aryl Boronic Acids, a dissertation submitted to the Bharathidasan University, Tiruchirappalli-620 024, for the award of degree of Master of Science in Chemistry, by **K. Nivedha**, Reg.No: 2013MS06
20. Nickel-catalysed synthesis of functionalised styrylquinolines by friedlander reaction, a dissertation submitted to the Bharathidasan University, Tiruchirappalli-620 024, for the award of degree of Master of Science in Chemistry, by **J. Krishnan**, Reg. No: 2014MS03
21. Synthesis of Carbazole quinones as GSK β inhibitors, a dissertation submitted to the Bharathidasan University, Tiruchirappalli-620 024, for the award of degree of Master of Science in Chemistry, by **S. Shanthini** Reg. No: 2014MS
22. C-C Bond formation approaches to quinone moieties, a dissertation submitted to the Bharathidasan University, Tiruchirappalli-620 024, for the award of degree of Master of Science in Chemistry, by **G. Jalini** Reg. No: 2015MS11.
23. Iodine mediated metal free thiomethylation of quinones using DMSO, a dissertation submitted to the Bharathidasan University, Tiruchirappalli-620 024, for the award of degree of Master of Science in Chemistry, by **K. Karuppayee** Reg. No: 2015MS13
24. Development of new method for deprotection of 2,2-bis(ethoxy carbonyl)vinyl (BECV) group, a dissertation submitted to the Bharathidasan University, Tiruchirappalli-620 024, for the award of degree of Master of Science in Chemistry, by **P. Perumalsamy** Reg. No: 2015MS23
25. Synthesis of highly substituted pyrazole derivatives, a dissertation submitted to the Bharathidasan University, Tiruchirappalli-620 024, for the award of degree of Master of Science in Chemistry, by **S. Prabakaran** Reg. No: 2015MS25
26. Synthesis of benzocarbazolediones, a dissertation submitted to the Bharathidasan University, Tiruchirappalli-620 024, for the award of degree of Master of Science in Chemistry, by **G. Soundarya** Reg. No: 2015MS33
27. One-pot synthesis of quinonyl thioesters from Hydroquinone, a dissertation submitted to the Bharathidasan University, Tiruchirappalli-620 024, for the award of degree of Master of Science in Chemistry, by **C. Suresh** Reg. No: 2015MS35
28. Study on Direct C-H Arylation of Quinones - Synthesis of Potential β -Secretase Inhibitors, a dissertation submitted to the Bharathidasan University, Tiruchirappalli-620 024, for the award of degree of Master of Science in Chemistry, by **R. Manickam** Reg. No: 2016MS12.

29. Organocatalyzed Direct Azidation of Quinones, a dissertation submitted to the Bharathidasan University, Tiruchirappalli-620 024, for the award of degree of Master of Science in Chemistry, by **A. Muraliraj** Reg. No: 2016MS15.
30. One-Pot Tandem Synthesis of Quinazolines via Oxidative Cyclization, a dissertation submitted to the Bharathidasan University, Tiruchirappalli-620 024, for the award of degree of Master of Science in Chemistry, by **M. Raja** Reg. No: 2016MS19.
31. Efficient Synthesis of Tetra-Substituted Pyrroles using a novel Organocatalytic Sequential Baylis-Hillman, a dissertation submitted to the Bharathidasan University, Tiruchirappalli-620024, for the award of degree of Master of Science in Chemistry, by **S. Ramesh**, Reg. No: 2016MS20.
32. One-pot Synthesis of Benzocarbazolequinone from Unactivated Napthoquinone through C-H Activation, a dissertation submitted to the Bharathidasan University, Tiruchirappalli-620024, for the award of degree of Master of Science in Chemistry, by **N.Roshni**, Reg. No: 2016MS24.
33. C-H functionalization of Quinone's under metal free condition, a dissertation submitted to the Bharathidasan University, Tiruchirappalli-620024, for the award of degree of Master of Science in Chemistry, by **K. Sanjeev Kumar**, Reg. No: 2016MS26.
34. Study on Metal Catalyzed Direct Amination of Quinones, a dissertation submitted to the Bharathidasan University, Tiruchirappalli-620024, for the award of degree of Master of Science in Chemistry, by **G. Subashini**, Reg. No: 2016MS31.
35. Synthesis of 2-Arylquinazolines via oxidative C-H Amination from 2-Aminobenzophenones and Benzylamines, a dissertation submitted to the Bharathidasan university, Tiruchirappalli-620024, for the award of degree of Master of Science in Chemistry, by **S. Magesh** Reg. No: 2017MS17
36. PIDA Mediated Decarbonylative Amination of Quinones a dissertation submitted to the Bharathidasan university, Tiruchirappalli-620024, for the award of degree of Master of Science in Chemistry, by **G. N. Manju**. 2017MS20
37. Ag mediated C-H functionalization of quinones with alkyl amide a dissertation submitted to the Bharathidasan university, Tiruchirappalli-620024, for the award of degree of Master of Science in Chemistry, by **E. Mirudula** Reg. No: 2017MS22
38. Synthesis and Characterization of Novel Hetero Cycle Fused Quinazoline Scaffolds *via* Oxidative Cyclization in One-pot a dissertation submitted to the Bharathidasan university, Tiruchirappalli-620024, for the award of degree of Master of Science in Chemistry, by **SANGAVI. S** Reg. No: 2017MS29
39. I₂/TBHP-mediated intermolecular C-H/N-H cross coupling application to the synthesis of novel Benzocarbazole-diones a dissertation submitted to the Bharathidasan university, Tiruchirappalli-

620024, for the award of degree of Master of Science in Chemistry, by **SHINY G. M** Reg No: 2017MS32

40. Synthesis of novel phenothiazine-5-one scaffolds and their in-Silico pharmacokinetic studies, a dissertation submitted to the Bharathidasan University, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **VIGNESH. P** Reg No: 2017MS39
41. Functional group interconversion on Aryl Naphthoquinone ether derivatives through C-O bond cleavage, a dissertation submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **ALAGESWARAN J** Reg No: 2018MS01
42. Synthesis of Novel Pyrazinylquinazolines and studies of ADME Properties by SWISS CHEM, a dissertation submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **BALAJI A** Reg No: 2018MS04
43. Silver Catalysed C-H functionalization of Phenothiazine-5-one with dialkyl amides, a dissertation submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **LAVANYA. M** Reg No: 2018MS10
44. Quinone-Imidazole Hybrid molecule as a key intermediate for C-O bond formation, a dissertation submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **SRINIVASAN GR** Reg No: 2018MS31
44. Ni-O based carbon nanocomposite and its application in reduction reactions under mild conditions, a dissertation submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **MOHAMED AASIK J** Reg No: 2018MS14
45. Synthesis and Characterization of biologically significant (trifluoromethyl) phenyl quinazolines via metal free domino process, a dissertation submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **SUGANTHI. S. A** Reg No: 2018MS32
46. Eosin-Y catalysed green protocol for the synthesis of alkylated naphthoquinones, a dissertation submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **TAMILSELVAN.D** Reg No: 2018MS35
47. Iodine cation capture on aminonaphthoquinone C-Sp²-H Bond, a dissertation submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **SATHEESHKUMAR.M** Reg No: 2019MS30
48. Metal free direct C-H arylation on 2-aminonaphthoquinone with phenyl hydrazines a dissertation submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **SARAVANAN.S** Reg No: 2019MS28

49. Catalyst free direct criss dehydrogenative C-H/N-H coupling reaction for the novel synthesis of pyrazoloquinones a dissertation submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **VIJAYARAGHAVAN K** Reg No: 2019MS40
50. PIDA catalysed unprecedented one pot deprotective amination of quinones a dissertation submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **KRITHIKA.S** Reg No: 2019MS12
51. Base mediated direct synthesis of novel phenothiazinone derivated from amidoalkyated quinines via C-H amination and thiolation a dissertation submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **MOHANAPRIYA.M** Reg No: 2019MS36
52. Synthesis of Novel Quinone fused Pyrroles via C-H/C-N functionalization using a organocatalytic sequential bayils-hilman submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **DHANASHRI.M** Reg No: 2020MS06
53. Synthesis and characterization of bright luminescent carbon dots from pumpkin seeds by microwave assisted method submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **GANGA.K** Reg No: 2020MS08
54. Synthesis and characterization of ONO donor chiral Schiff base metal complex submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **HEMAMALINI. V** Reg No: 2020MS013
55. Synthesis and characterization of Biologically significant 9trifluoromethyl pyridyl quinazolines via metal free domino process submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **SHAHAHAN.A** Reg No: 2020MS34
56. A novel method for arylation of naphthoquinones under metal free condition submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **SHANTHI. M** Reg No: 2020MS35
57. Synthesis of amino arylated quinines via dual functionalization submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **SIVASHANKARI. M** Reg No: 2020MS37
58. Visible light-mediated oxidative coupling of hydroquinone with thiols for the synthesis of quinonyl alkyl thioethers submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **AMSAVENI M** Reg No: 2021MS01

59. Applications of carbon dots from – swietenia macrophylla: Metal detection and adsorption of organic pollutants submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **HARITHA M** Reg No: 2021MS09
60. Synthetic method for arylation of 1,4-Napthoquinones using different substituted phenols under metal-free condition submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **KAVYA C** Reg No: 2021MS13
61. Green synthesis and characterization of carbon dots from biomass – swietenia macrophylla submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **MEGALA. M** Reg No: 2021MS17
62. A novel method of para-site selective arylation of 1,2-napthoquinone with different phenols under metal-free condition submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **PRIYADARSHNI. T** Reg No: 2021MS23
63. One-pot cascade organo-catalytic synthesis of novel quinone fused heterocycle *via* C-H/C-N functionalization submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **RAAZIK FAYAS. R** Reg No: 2021MS25
64. Tandem photo-catalyzed amino halogenation of 1,4-napthoquinones under one pot synthesis submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **SEETHA LAKSHMI S** Reg No: 2021MS28
65. Blue light mediated direct cross-coupling reaction of quinone and aromatic thiols to synthesize bio-active thiolated quinones submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **ARAVINDH RAJ K** Reg No: 2022MS06
66. Green synthesis of radiant carbon dots from morinda tinctoria submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **ARJUN K** Reg No: 2022MS07
67. Visible-light promoted arylation of 1,4-Napthoquinone with phenol and anisole to synthesize biologically active arylated quinones submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **GEETHAVANI V** Reg No: 2022MS10
68. Visible light-mediated cross-coupling reaction of benzoquinone with thiols to the synthesis of bio-active thiolated benzoquinone submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **KISHOR KUMAR M** Reg No: 2022MS15
69. Application of biomass-derived carbon materials from *Morinda Tinctoria* (Nuna) for metal detection and adsorption studies submitted to the Bharathidasan university, Tiruchirappali-

620024, for the award of degree of Master of Science in Chemistry, by **MANOJ A** Reg No: 2022MS16

70. Green-LED mediated arylation of 1,2-naphthoquinone with phenol to synthesize potential bio-active arylated quinones submitted to the Bharathidasan university, Tiruchirappali-620024, for the award of degree of Master of Science in Chemistry, by **SRINITHI R** Reg No: 2022MS36.
71. “Catalyst for Asymmetric Biginelli Reaction”, **Shaikirubha Venkatachalapathy** (Reg. No. I220532), Integrated Master of Science in Chemistry, Department of Chemistry, School of Basic and Applied Sciences, Central University of Tamil Nadu, July-2024.

Annexure 4g - M.Tech / B. Sc Students Thesis Guided

Mr. Vinith

Ms. Kannagi

Mr. Beerappan

Mr. Revanth

Annexure 5 - Commercial Processes Developed for Indian Pharma Industries.

Five commercial processes were developed for the synthesis of drugs against projects sponsored by different Indian Pharmaceutical companies. Several fine chemicals were synthesized.

1. Gemfibrozil-Anticholesterimic- Sponsored by Cadila Ltd, Ahemadabad, India.
2. Norfloxacin-Antibacterial- Coromandal Pharma Ltd, Hyderabad, India.
3. Salbutamol- Antiasthmatic- Cipla Ltd, Bangalore, India.
4. Salmaterol-Antiasthmatic- Rallis India Ltd., Mumbai, India.
5. Acyclovir –Rallis India Ltd., Mumbai, India.

Annexure 6 - Sponsored Projects Handled

1. Principal Investigator for the project entitled “Multifunctional organic Molecules as Potential Corrosion Inhibitors for petroleum Pipeline”- Council for Scientific Industrial Research, New Delhi, India. 3 years, (2007-2010) - 14.60 Lakhs.
2. Principal Investigator for the project entitled “Synthesis of Novel Natural product Hybrid Molecules as Potential anti-HIV agents” - Defence Research Development Organisation, New Delhi. 3 years (Date here 2008 to 2012), - 49.90 Lakhs.

3. Co-investigator- “Assessment of Estrus-Specific Pheromones with reference to Kit development and enhancement of the reproductive efficiency in buffaloes” (Principal investigator for the project Dr. G. Archunan, Associate Professor, Department of Animal Science, Bharathidasan University-24), Department of Biotechnology, Government of India, New Delhi. 3 years (2007-2010), - 49.49 Lakhs.
4. Co-investigator for the project entitled “*Galidella Acerosa*- seaweed inhabiting gulf of Mannar Assessment of Possible dioxin mediated immune toxicity” (Principal investigator for the project Dr. K.Pandima Devi, Lecturer, Department of Biotechnology, Alagappa University, Karaikudi -630003.) Indian Council of Medical Research, Department of Biotechnology, Government of India, New Delhi, 3 years (2007-2010). - 5,25,820.
5. Co-investigator –TANSCHE Project Prof. Sivaramakrishnan

Editorial Board Member

1. Editorial Board Member of the Journal “General Chemistry” an online open access international electronic journal, <http://www.genchemistry.org/EN/column/column248.shtml>, <http://www.genchemistry.org/EN/column/column249.shtml>, Online ISSN: 2414-3421, Since July 2019.)
2. Editorial Board Member, Chemical Science and Engineering Research (CSER) internationally peer-reviewed open access Journals. CSER is a Triannual (3 issues per year) open access journal with no article publishing charges or subscription fees for authors. The Journals comes under Ariviyal Publishing. (<https://ariviyalpublishing.com/chemicalscience/aim-and-scope.php>)

Annexure – 7 Reviewer for International Journals

1. ACS applied materials and interfaces, 2. ACS Catalysis, 3. Arabian Journal of Chemistry, 4. European Journal of Medicinal Chemistry, 5. Journal of Chemical Science, 6. Journal of Heterocyclic Chemistry, 7. Journal of Nanostructure, 8. Journal of Organic Chemistry, 9. Journal of Molecular Structure, 10. Medicinal Chemistry Research, 11. Organic letters, 12. Organic Preparation Procedure International, 12. Spectrochimica Acta Part A, 13. Surface and Interface Analysis. 14. Synthetic Communications, 15. Tetrahedron Letters, 16. Synlett, 17. Textile Research Journal.

Annexure 8 - Seminars / Refresher Course / Workshop Organized

1. Co-convenor for International Conference on Climate Change and Bioresources, held for four days (9.2.2010 to 12.2.2010) at Bharathidasan University, Tiruchirappalli-24, INDIA. Organising Secretary, Prof. S. Sivaramakrishnan, Assistant Professor, Department of Biotechnology, Bharathidasan University, Tiruchirappalli-24.
2. Coordinator for refresher course in Chemistry for college teachers held at UGC Academic Staff College, Kajamalai campus, Tiruchirappalli-620024, for 21 days from 06.10.2010 to 26.10.2010.

3. Convener, International Year of Chemistry-Special Seminar held for two days (29.12.2011 and 30.12.2011) at School of Chemistry, Bharathidasan University, Tiruchirappalli-24, India.
4. Co-organizing Secretary, International Conference on Advances in Biotechnology and Patenting held at Bharathidasan University, Tiruchirappalli-620024, INDIA, for four days -18.02.2013 to 21.02.2013.
5. Acted as Organizing Secretary, National Workshop on Catalysis in Organic Transformations (NWCOT- 20 and 21, October, 2016) in association with Royal Society of Chemistry, South India Section, Chennai.
6. Coordinator for Science Academies' sponsored Lecture Workshop on "Emerging Trends in Chemical Synthesis" held during March 22 - 24, 2018.
7. As organizing Secretary a UGC sponsored Refresher course for college teachers on "Design, Synthesis and Application of Organic Compounds" held during Jan-31 to Feb-7 ????
8. Acted as Coordinator for UGC-Sponsored refresher course in material science (Interdisciplinary), Bharathidasan university held from 05.07.2022 to 18.07.2022.
9. Organizing Secretary IQAC sponsored one-week online Faculty Development Programme on "Teaching, learning and Research" Held from 28th April to 05th May, 2021.
10. UGC-Sponsored two-day workshop for academic administrators on "Institutional Assessment & accreditation" held during March 12 -13, 2018.
11. Attended "Recent Advances in Materials Chemistry" held at Department of Chemistry, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli on March 7 and 8 2014
12. "Challenges in Catalysis Science and Technology (CCST-2016)" held at CSIR-IICT, Hyderabad, India during 23-25 June 2016
13. Convener, National Year of Chemistry-Special Seminar ("Advanced Techniques in Green NanoTechnology") held for one day (18.09.2019) at Bharathiyar Arts and Science College for Women, Thalaivasal, Tamil Nadu
14. "Nanostructured catalysts for chemical processing and environmental protection" held during 14th-15th December 2011 at IIT- Madras-600036
15. Haselfree pact workshop on "Quality and Value Education" held during 23rd to 25th april 2012 at Bharathidasan university, Tiruchirapalli-24
16. Local convener, 71st annual meeting of Indian academy of sciences, held at School of Chemistry, Bharathidasan University, Trichy-24, during November 11-13th, 2005. Conveners Prof. M. Lakshmanan and Prof M. Palaniandavar, Bharathidasan University, Tiruchirappalli-24.

Annexure 9 - International Level
Invited Lectures / Poster Presentation in Conferences and Seminar

Invited Lectures

1. Delivered an invited lecture entitled “C-H Activation approaches in Green Chemistry” in the 2nd International Conference on Recent Trends in Applied Science and Technology (ICRTAST-2018), organized by Periyar University, Salem, Tamil Nadu, India in association with Indian Science and Technology Association [Elavenil] during August 23-25, 2018.
2. Delivered invited lecture entitled “C-H activation Approaches synthesis of Novel Heterocycles and quinine Derivatives” at 17th International Conference on “Chemical and Environmental Research (ICCER 2015) held at Jamal Mohamed College, Trichy-20, during 17th Dec 2015.
3. Delivered an invited lecture entitled “C-H Activation Approaches for the Synthesis of Some Novel Heterocycles and Quinone Derivatives” held at the Department of Chemistry, Ludwig-Maximilians-University, Butenandtstrasse 5-13, D-81377 Muenchen, Germany on 26.10.2015.
4. Delivered invited lecture entitled “C-H Activation Approaches for the Synthesis of Some Novel Heterocycles” at Department of Chemistry, Laboratoire de Chimie, Organométallique, ECPM, University of Strasbourg, 25 rue Becquerel, 67087 Strasbourg, FRANCE on 20.10.2015.
5. Delivered an invited lecture entitled “Unimolecular Domino Reactions via C-H Activation: Synthesis of Isatins and 1,4-Endiones” at International Conference Emerging Trends in Chemical Sciences (IETC), held Vellore Institute of Technology, Vellore, during 5-7.12.2013.
6. Delivered an invited lecture entitled “N-(1-Anthraquinone) prolin-2-carboxamide as an Efficient Organocatalyst for Asymmetric Organic Transformations” in the IV Russian-Indian Symposium “Catalysis and Environmental Engineering” held at St. Petersburg, Russia, on 19.9.2013.
7. Presented a poster entitled “Simple and Selective Deprotection Method for 2,2-Bis(ethoxycarbonyl)vinylamine Derivatives” Ilangoan A, Ganesh Kumar R. at Indo-US conference on New Bioactive Molecules in Pharmaceutical Research - Contribution of Natural Products” Indo-US CCNP-2006 held at Indian Institute of Chemical Technology, Hyderabad, during November 13-14 2006.
8. Presented a poster “Electrochemical Synthesis of Complex Polycyclic Ring Systems as Useful Intermediates in the Synthesis of Biologically Active Compounds” at Fifth AFMC International Medicinal Chemistry Symposium on October 14-17, 2003 held at Institute for Chemical research, Kyoto University, Uji, Kyoto 611-0011, Japan.
9. Application of Palladium Mediated Cycloalkenylation Reaction for the Construction of Novel Polycyclic Ring Systems” at 41st Annual Meeting of Tohoku Branch, The Pharmaceutical Society of Japan, Hirosaki, Japan on 13.10.2002.

Annexure 9 - National Level
Invited Lectures / Poster Presentation in Conferences and Seminars

1. Delivered an Invited lecture on “Drug Discovery from Test Tube to Market” held on 12.03.2024 in Department of Chemistry, A. Veeriyar Vandayar Memorial Sri Pushpam College, Thanjavur.
2. Chaired a session in National Conference “Transcending Frontiers in Chemical Sciences” held on 11-12 August 2023 in Department of Chemistry, NIT, Trichy 24.
3. Delivered an Invited lecture on the topic “Catalytic C-H activation approaches and its application in organic synthesis” organized by PG and Research Department of Chemistry, Jamal Mohamed College, under DBT Star College Scheme, on 4 March 2022
4. Delivered a seminar on “Advanced Techniques in Green and Nano Technology” held on 15.09.2019 in Department of Chemistry, Bharathiyar Arts and Science College for women, Thalaivasal, Salem.
5. Delivered an Invited lecture on the topic “Green Chemistry and Organic Synthesis” on national Seminar on Recent Trends in nano and Green Chemistry, RING-19 on 22.08.2019, at Shri Sakthikailash Women’s College, Ammapet, Salem-636 003.
6. Delivered an Invited lecture on “C-H Activation approaches for the Synthesis of Functionalized Quinones” on 12.07.2019, at Saranathan college of Engineering, Tiruchirappali-12.
7. Delivered the Sports and Annual Day Address and distribute the Prizes and medals to the winners held on 03.07.2019 at M.A.M College of Nursing, Tiruchirappali -621105.
8. Co-ordinated and delivered felicitation address in the Conference in the One-day International Conference on Global Challenges In Distance Education (GCDE,2019)” Organized by the Department of Education, CDE, Bharathidasan University, Tiruchirappalli-620 024 held on 12.04.2019.
9. Delivered the Graduation address and distribute the certificates held on 03.04.2019 at Imayam College of Education, Chennai-97.
10. Delivered the keynote address in the National Conference on “National Conference on Exploring in New Dimensions and Discoveries in the field of Chemistry” at Karpagam Academy of Higher Education, Coimbatore-641 021, held on 07th and 8th March, 2019, Karpagam University, Coimbatore.
11. Delivered the one-day Seminar on “Characterization of Organic Molecules using Mass Spectroscopy” held on 27.02.2019 at Srimad Andavan Arts and Science College, Tiruchirappalli-620005.
12. Delivered invited lecture on the topic “Electronic Spectroscopy of Organic Compounds” held on 28.09.2018 at the Department of chemistry, Avinashilingam Institute for Home Science & Higher Education for Women, Coimbatore-641043, Tamilnadu.

13. Delivered an invited lecture on the topic “Electronic Spectroscopy of Organic Molecules” on 27.09.2018, at, Meeting Hall-1, National College, Trichy-620001, on the occasion of Lecture Series Of Chemistry Association (Part of Centenary Year Celebration), organized by the Department of Chemistry (UAP), National College - Trichy-620001.
14. Delivered a valedictory address on 20.09.2018, on the occasion of Preparative Workshop in Chemistry (PWC-18) for the NET/GATE Aspirants-2018, organized by the Department of Chemistry, St. Joseph’s College (Autonomous), Tiruchirappalli-620002.
15. Participated in the Seminar Cum Workshop on “A Primer on Intellectual Property” held at IPR cell, Bharathidasan University on 30.07.2018.
16. Delivered an invited lecture on the topic “Introduction of Mass Spectroscopy and its application” on 27.07.2018, at National College, Trichy-620001, on the occasion of “One Day Workshop in Analytical Techniques” and Inauguration of “Post Graduate Diploma in Analytical Techniques (PGDAT)” organized by the Department of Chemistry, National College-Trichirapalli-620001.
17. Served as Resource Person for the UGC-Sponsored course “Summer School in Material Science” for University and College teachers on 15.03.2018 & 19.03.2018 at Bharathidasan University, Khajamalai Campus, Tiruchirappalli-620023 conducted by the UGC – Human Resource Development Centre, Bharathidasan University, Tiruchirappalli-620024.
18. Invited lecture on 26.02.2018, at One day symposium on the occasion of Superannuation of Dr. GVM Sharma, Chief Scientist, Head, OBC Division, organized by Indian Institute of Chemical Technology, Hyderabad.
19. Felicitated in diamond jubilee celebration in department of chemistry at Seethalakshmi Ramsawmi College (Autonomous), on 22. 12.2017, Tiruchirapalli-620002.
20. Delivered an Inaugural address on 07.12.2017, on the occasion of Preparative Workshop in Chemistry (PWC-18) for the NET/GATE Aspirants-2017, organized by the Department of Chemistry, St. Joseph’s College (Autonomous), Tiruchirappalli-620002.
21. Delivered a invited lecture on the topic “Introduction of Mass Spectroscopy and its application” on 18.08.2017, at National College, Trichy-620001, on the occasion of “One Day Workshop in Analytical Techniques” and Inauguration of “Post Graduate Diploma in Analytical Techniques (PGDAT) organized by the Department of Chemistry, National College-Trichirapalli-620001.
22. Invited lecture on 21.03.2017, at National level science symposium “Synergia-H-2017” to be held at the Conference Hall, Chendhuran College of Engineering and Technology, Lenavilakku, Pilivalam (Po), Pudukkottai–622050, Tamilnadu, India.
23. Delivered invited lecture on the topic “Drugs: From Test Tube to Market” on 28.02.2017, at, ECE-Seminar Hall, Saranathan College of Engineering, Trichy-620012, on the occasion of National Science Day celebration organized by the Department of Chemistry, Saranathan College of Engineering-Trichy.

24. Delivered an Inaugural address on 18.02.2017 at 12.30pm held at, A/C Auditorium, Bharathidasan University, Tiruchirappalli, on the occasion of "DST-SERB Workshop on Mentoring PhD Students and Young Faculty".
25. Delivered a lecture at the UGC-Sponsored course "Refresher Course in Material Sciences (ID)" for University and College teachers on 07.11.2016 at Bharathidasan University, Khajamalai Campus, Tiruchirappalli - 620023 conducted by the UGC – Human Resource Development Centre, Bharathidasan University, Tiruchirappalli-620024.
26. Delivered a invited lecture on the topic "Drug delivery and Hybrid Organic Molecule Approach" on 14.09.2016, at N.K.R. Government Arts College of Women, Namakkal on the occasion of "Chemistry Association Meeting" organized by the Department of Chemistry, N.K.R. Government Arts College of Women, Namakkal.
27. Served as a Resource Person and delivered the key note address in the National Conference on the topic "Chemistry of Hetrogeneous Emerging Materials" on 19.08.2016, organized by Royal Alfred Nobel Association, PG & Research Department of Chemistry, E.R.K Arts and Science College, Erumiyampatti.
28. Delivered a invited lecture on the topic "C-H Activation Approaches for the Synthesis of Valuable Organic Compounds and Protective Groups in Organic Synthesis" on 25.07.2016, on the occasion of "TEQIP II sponsored Multi-Disciplinary approaches on Chemical Sciences (MACS'2016)" organized by the Department of Chemistry, Bharathidasan Institute of Technology (BIT) Campus, Anna University, Tiruchirappalli-620024.
29. Delivered invited lecture on the topic "C-H activation approaches synthesis of novel heterocycles and quinine derivatives." in the one-day seminar on "Modern Synthetic Designs" held on 23th Feb 2016 at the PG & Research department of chemistry, Periyar E. V. R. College, Trichy-23, Tamilnadu.
30. Delivered invited lecture on the topic "C-H activation approaches synthesis of novel heterocycles and functionalised quinone derivatives" in the Department of Chemistry, Pondicherry University, Head of the Department of Chemistry Pondicherry University, Ir. No. PU/CHEM/AI/Invited/2015-16/419 dated 23.12.2015.
31. Delivered a invited lecture on the topic "C-H Activation Approaches for the Synthesis of Novel Heterocycles and Quinone Derivatives" on 17.12.2015, on the occasion of "International Conference on Chemical and Environmental Research (ICCER-2015)" organized by the PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli-620020.
32. Participated in the 10th mid-year chemical Research Society of India (CRSI) Symposium in Chemistry held at National Institute of Technology, Tiruchirappalli during 23rd -25th July 2015.
33. Delivered invited lecture entitled "C-H Activation Approaches for the Novel Organic Transformations" in one day seminar entitled "Modern Trends in Chemistry (MTC-21)" on 28.03.2015 at Vivekananda College, Madurai – 625234, Tamilnadu, India.

34. Delivered invited lecture entitled “C-H Activation Approaches for the Novel Organic Transformations” in national seminar entitled “New Aspects of Heterocyclic Chemistry in Medchem and Chemical Biology” on 20.02.2015 at Raja Bahadur Venkat Rama Reddy Women’s College, Hyderabad – 500027, Telangana, India.
35. Delivered invited lecture entitled “C-H Activation Strategies Using Cost Effective Metal Catalysts” in symposium entitled “Transcending Frontiers in Organic Chemistry (TFOC-2014)” during October 09-11, 2014 held at National Institute for Interdisciplinary Science and Technology (CSIR-NIIST) on 10.10.2014.
36. Got best poster award, Poster Entitled Synthesis and Crystal structure of biologically active 14-(3,4,5-trimethoxyphenyl)-14H-dibenzo[a,j]xanthenes, Anandhan K^a, Kaushik M. P and Ilangovan A. School of Chemistry, Bharathidasan University, Tiruchirappalli – 62002. Presentation by my student Mr. K. Anadhan at UGC sponsored National Seminar on “**Recent Trends in X-ray crystallography**” at PG & Research Department of Chemistry, Seethalakshmi Ramasamy College, Tiruchirappalli-620002, held during 8th and 9th October 2014.
37. Delivered invited lecture entitled “Catalytic Domino Reactions for the Synthesis of valuable Organic Molecules” on 26.09.2014 at CIPLA Manufacturing Division, MIDC, Patalaganaga-410220, Raigarddist, Maharashtra.
38. Delivered an invited Golden jubilee lecture entitled “Mass Spectrometry for Identification of Organic Compounds: Basic Concepts and Application”, on 9-11.07.2014, in three day workshop on Characterization Techniques in Chemical Sciences held at Department of Chemistry, National Institute of Technology, Trichy-620015.
39. Acted as Chief Guest and delivered invited lecture entitled “Science Behind Intricacies of Drug Discovery” on 26.02.2014, on the Occasion of Science day celebration of Humanities and Sciences Association of Shri Angalamman College of Engineering and Technology, Siruganoor, Tiruchirappalli-621105.
40. Delivered an invited lecture entitled “Domino Reactions Poor Man’s Apple in Organic Synthesis! - C-H Activation Strategies for the Synthesis of Isatins” in Refresher course for college teachers, co-ordinator S. Muthusamy, conducted by UGC Academic Staff College, Bharathidasan University, Tiruchirappalli-620021 on 11.02.2014.
41. Delivered an invited lecture entitled “Drugs—from test tube to market” at Jayaraj Annapackiam College for Women, Periyakulam, Tamilnadu, on 04.01.2014.
42. Delivered a invited lecture on the topic “Protective Groups in Organic Synthesis” on 21.03.2013, on the occasion of “International Workshop on Innovations in Curriculum Designing (IWICD-2013)” organized by the Department of Chemistry and the Curriculum Development Cell, Manonmaniam Sundaranar University, Tirunelveli-627012.
43. Delivered an invited lecture entitled “Electronic Spectroscopy of Organic Compounds” on special lecture programme at PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli-620020 on 16.02.2013. Organised by Chemistry Association.

44. Participated in poster presentation, on the occasion of “National Symposium on Catalysis for Sustainable Development” held on 11-13 February 2013 at Indian Institute of Chemical Technology, Hyderabad -500607.
45. Delivered an invited lecture entitled “Mass Spectroscopy for Identification of Organic Compounds” 4.12.12 in Refresher course for college teachers, co-ordinator P. Thomas Muthia, conducted by UGC Academic Staff College, Bharathidasan University, Tiruchirappalli - 620021.
46. Delivered an invited lecture entitled “Instrumentation Aspects of NMR Spectroscopy” on 26.11.12, in Refresher course for college teachers, co-ordinator P. Thomas Muthia, conducted by UGC Academic Staff College, Bharathidasan University, Tiruchirappalli – 620021.
47. Delivered invited lecture on the topic “Drugs–From test tube to market” at Postgraduate & Research Department of Chemistry, SPACE and SPUTNIK club, Seethalakshmi Ramasamy College, Tiruchirappalli-620002 on 12.07.2012.
48. Delivered an invited lecture entitled “Development of New Protecting Groups and Methods for Application in Organic synthesis” in National Symposium on Newer Horizons in Chemistry (NSNHC-2012) held at Department of Chemistry, Manonmaniam Sundaranar University on 09-03-2012.
49. Delivered an invited lecture entitled Green Lewis acids in organic synthesis, National Workshop on “Sustainability through Green Chemistry and Catalysis”, 2nd March 2012, organized by Post Graduate and Research Department of Chemistry, PSGR Krishnammal College for Women, Coimbatore, in association with The Royal Society of Chemistry – South India. Prof. P. Selvam, Hon. President & Hon. Treasurer, The Royal Society of Chemistry - South India.
50. Delivered a invited lecture entitled “Green Lewis acids in organic synthesis” in National Seminar on Recent Trends in polymer and Green Chemistry (NSPGC 2012)” on 03-02-2012 at Rajah Sarfoji Govt. College (Autonomous), Thanjavur-613 005, India. Acted as Chief guest for the valedictory function.
51. Participated in the National conference on Microbiological Research in 21st century held in Department of Microbiology, Bharathidasan university, Tiruchirappalli during 28th feb 2012
52. Chaired oral presentation session in National Conference on Emerging trends in Chemistry organized by PG and research Department of Chemistry, Bishop Heeber College, Tiruchirappalli-17 on 11.01.2012.
53. Delivered an invited lecture entitled “**Basic Concepts of Mass Spectroscopy**” on special lecture programme Organised by Chemistry Association, PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli - 620020 on 09.01.2012.
54. Delivered an invited lecture entitled “Synthesis of Hybrid Organic Molecules as Potential Drug Candidates” One day workshop on open-source Drug Discovery (OSDD) on 20.12.2011 at Central Electroc Chemical Research Institute, Karaikudi-63006. Organized by Dr. D. Velayutham, Scientist, CECRI, Karaikudi.

55. Delivered an invited lecture entitled "Synthesis of Hybrid Organic Molecules as Potential Drug Candidates" in refresher course in chemistry for college teachers, UGC- Academic Staff College, Bharathidasan University, Khajamalai, Tiruchirappalli-620023 on 3.12.2011. Course Coordinator Dr. R. Ramesh.
56. Delivered an invited lecture on "A Simple and Efficient one Pot Synthesis of Highly Substituted 2,3-Dihydro-4H-Pyran-4-ones" in the National seminar on "Recent Trends in Synthetic Methods and Chemistry of Natural Products" (SNMP-2011), held at Annamalai University, Annamalai Nagar-608 002, during 14-15 October 2011.
57. Acted as a panel member for group discussion on "Role of library information scientists in knowledge Sharing" – refresher course in library and information science for college and University teachers, held at UGC academic staff college, Bharathidasan University, Kajamalai campus, Trichy, on 26.09.2011. The refresher course was held during the period 06.09.2011 to 26.09.2011.
58. "Recent developments in chemistry" Held on 29th august 2011 at School of Chemistry, Bharathidasan university, Tiruchirappalli-620024.
59. Delivered invited lecture on the topic "Drug discovery–From test tube to Market" at Bishop Heeber College, Tiruchirapalli – 620 017, Department of Chemistry Association function- on 26.08.2011.
60. Delivered invited lecture on the topic "Drugs – From test tube to Market" on 17.08.2011 and inaugurated Aroma Chem Club, at Department of Chemistry, TheivanaiAmmal College for Women, Trichy Trunk Road, Villupuram – 605401.
61. Demonstrated Green Chemistry Experiments in DST Sponsored National Workshop on Green Chemistry (NWGC), held at Department of Chemistry, ManonmaniamSundaranar University, Tirunelveli-627012 during 17-22.8.2011.
62. Invited Lecture entitled "Unraveling the Novel Reactivity of 2,2-Bis(ethoxycarbonyl)vinyl (BECV)- A Versatile Amine Protecting Group" at Department of Organic Chemistry, University of Madras, Guindy Campus, Chennai-600025 on 10.2.2011.
63. Delivered an invited lecture on the topic "Electronic Excitation of Organic Molecules (UV-VIS Spectroscopy)" in the "Workshop on Spectroscopic and Electrochemical Methods in Chemistry (SEM-2010), on Feb 18. 2. 2010 at National College, Tiruchirappalli- 620021.
64. Presented a Poster at 12th CRSI, National Symposium in Chemistry & 4th CRSI-RSC Symposium in Chemistry, ICT, Hyderabad, "Synthesis of Putrescine Bisamides: Gigantamide A, Grandiamide D, Dasyclamide - A Common Synthetic Approach" S. Saravanakumar, Allangovan, during 4 - 7.02.2010.
65. Delivered invited lecture entitled "Drugs Discovery and its importance" at academies sponsored two-day lecture Workshop on Frontiers in Chemistry, March 27-28.3.2009 at Department of Chemistry, HKRH College, Uthamapalayam, -625533, Theni Dist.

66. Special lecture on “Electrode potentials, emf Series-Nernst equations for single electrode potential” at Agricultural Engineering College & Research Institute (TNAU), Kumulur-621712 on 24.08.07 to B.Tech (Ag. Engg) students.
67. Delivered invited endowment lecture entitled “Lanthanides Reagents in Organic Synthesis” on the occasion of Dr.V. Meenakshi and Dr. T.S. Jansi Bai Endowment Lectures at Department of Chemistry, Seethalakshmi Ramasamy College, Tiruchirappalli organized by SPACE AND SPUTNICK Club on **16.2.07**.
68. Presented a poster entitled” Effect of Micelle formation on Biocidal Action in Petroleum Product Pipelines” N. Muthukumar, A. Ilangovan, and N. Palanisamy at Twelfth National Covention of Electrochemists (NCE-12) held at Thiyagarajar College Engineering, Madurai on 19.02.2005, (SAEST meeting). Got best paper award-Third prize.
69. Delivered an invited lecture on the title “Novel Chemical and Electrochemical approaches for the synthesis of polycyclic carbon frameworks”- Intercollegiate Symposium on Modern Trends in Chemistry, MTC-5, 2004 Vivekananda College, Tiruvudagam West, Madurai-625217, on 29th and **30.9.2004**.
70. Delivered an invited talk on “Synthesis of Biologically Significant Organic Compounds” at CECRI, Karaikudi, at the local chapter meeting organized by Society for the Advancement of Electrochemical Science and Technology (SAEST), Karaikudi, Local chapter on **18.02.2004**.

Annexure 10a - Training Programmes Attended

1. Attended two-day Faculty induction programme for the newly recruited faculty members of Bharathidasan University, Department of Educational Technology, Bharathidasan University, Tiruchirappalli-620023, during 26.12.2005 and 27.12.2005.
2. Undergone training programme “Shimadzu HPLC LC-10 Avp Series operation, Maintenance and HPLC Fundamentals held at Central Electro Chemical Research Institute, Karaikudi-5, conducted from 27.11.2000 to 1.12.2000.
3. Undergone training in the area of X-ray crystallography for Molecular Structure Determination at Indian Institute of Chemical technology, Hyderabad-500 007 during 16.2.1998 to 27.2.1998.
4. Successfully completed Entry level course on “Personal Computers operation and Programming” for Research Scholars conducted by Computer Center, Indian Institute of Chemical Technology, Hyderabad-500 007 during 16.2.1994 to 2.4.1994.

Annexure 10b - Workshops attended

1. Participated in the Orientation Workshop on “Swayam”, jointly organized by Department of Library and Information Science and UGC-Human Resource Development Centre, Bharathidasan University, Thiruchirappalli during 03.05.2018.
2. Participated in the Workshop on “Institutional Assessment and Accrediation” held at Internal Quality Assurance cell, Bharathidasan University, Thiruchirappalli during 12-13 March 2018.

3. Presented a paper in the “17th National Workshop on Challenges in Science and Technology (CCST-2016)” held on 23-25 June 2016 at CSIR-IICT, Hyderabad.
4. Attended work shop on “Catalysis Road Map” held at National Centre for Catalysis Research, IIT Madras, during 22-23 January 2016.
5. Participated in the Workshop on “Recent Advances in Material Chemistry” held at Department of Chemistry, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli-620024 during 7-8 March 2014.
6. Attended Haselfree Pact Workshop on “Quality and Value Education” conducted by Department of library science & Department of Education, CDE, Bharathidasan University, Tiruchirappalli-620024, during 23 to 25 April 2012.
7. Participated in the 15th National workshop on catalysis held at NCCR, IIT-Madras Indo-Russian expert meeting on “Nanostructured catalysts for chemical processing and environmental protection” held during 14 -15 December 2011 at IIT-Madras. during December 11-13, 2011.
8. Attended workshop on “Access to Library Networks and Scholarly Databases” organized by University Library, Bharathidasan University, Tiruchirappalli-620024 held on 16th and 17th December 2010
9. Attended Indo-US S&T Forum Training workshop on green chemistry, Delhi, India, organized by Green chemistry Network centre. January 7-9, 2008.
10. National Workshop on edible mushroom cultivation, Department of biotechnology bharathidasan university Tiruchirappalli-24 . March 17th 2022
11. Deliver the valedictory address in the RUSA sponsored “National workshop on molecular methods in taxonomy to biotechnology of actinobacteria and cyanobacterial during march 8-10, 2022. Department of biotechnology-Bharathidasan university, Tirchy-24
12. Participated in the national workshop on “Application of open sources for statistical in educational researchs” dueing November 29th 2019 in Bharathidasan university, Tirchy-24

Annexure 10c - International Conferences Attended

1. Attended International Seminar on C-H Activation and Green chemistry applied science and technology (ICRTAST-2018), Organized by periyar University, Salem, Tamilnadu, India in association with Indian science and Technology Association [Elavenil] during August 23-25, 2018
2. Attended International Seminar on Biology for Sustainable Environment, held between 7&8 March 2017, in the Department of Environmental Biotechnology, School of Environmental Sciences, Bharathidasan University, Tiruchirapalli-620024, India.
3. Attended Tokyo-LMU symposium, held during 28-29.10.2015 at Innovation Center for Biotechnology (IZB) in Martinsried, Munich, organised by Department of Chemistry, Ludwig Maxmilain University, Munich, Germany and Japan Society for Promotion of Science, Tokyo Japan.

4. Participated in the URCUP research conference for our undergraduate students held at Wildbad Kreuth, Munich, Germany, during 01-02.10.2015, organised by Department of Chemistry, Ludwig maxmilain University, Munich, Germany
5. Participated in the “INDO-FRENCH Seminar on Bio-inorganic approaches to Current Health Problems” held at Department of Chemistry, Pondicherry University, Puducherry, during March 24-28 2014. Organized by Prof.C.Sivasankar and Prof.M.Palanianadvar, Department of Chemistry, Pondicherry University and Indo-French Center for Promotion of Advanced Research (CEFIPRA), New Delhi.
6. Attended 20th ISCB International Conference on “Chemistry and Medicinal Plants in Translational Medicine for Healthcare” held at University of Delhi, New-Delhi, during 01-04.03.2014,
7. “International conference on Emerging Trends in Chemical Sciences (IETC-2013)” in C-H activation approaches for the synthesis of novel heterocycles during 5-7th December, 2013
8. Attended International Conference on Advanced Materials, organized by School of Chemical Sciences, Mahathma Gandhi University, Kottayam, Kerala, India, held at Kotayam, during February 18-21.02.2008.
9. Attended Joint International conference on Building Bridges, Forging Bonds for 21st Century Organic Chemistry and Chemical Biology, held at National Chemical Laboratory, Pune, between 6-9.01.2006.
10. 122nd Annual Meeting of the Pharmaceutical Society of Japan, Chiba, Japan, during 26.03.2002 to 28.03.2002. (Certificate missing)

Annexure 10d - National Conferences / Seminars Attended

1. Attended 10th Mid-Year “Chemical Research Society of India (CRSI)” Symposium in Chemistry held at NIT & BDU, Trichy during July 23 – 25, 2015.
2. Attended 21st National Symposium on Catalysis-Catalysis for Sustainable Development (CATSYMP21) held at Indian Institute of Chemical technology, Hyderabad during 11-13.2.2013
3. Attended One day theme meeting on “Supercritical Fluids” November 20, 2012 at IGCAR kalpakkam, organized by Indian Association of Nuclear Chemists and Allied Scientists (IANCAS), Fuel Chemistry Division, IGCAR, Kalpakkam.
4. Attended “National conference on Microbiological Research in 21st Century” Organised by Department of Microbiology, Bharathidasan University during 27-28.02. 2012.
5. Attended Seminar on “Recent Developments in Chemistry”, held at School of Chemistry, Bharathidasan University, Trichirapalli (Jointly organized by Prof. Ramasubbu Jeyaraman Science Foundation (RJSF) and School of Chemistry, Bharathidasan University, Tiruchirappalli-620024, on 29.08.2011.
6. Attended Fifteenth National Congress on Corrosion Control (Organized by National corrosion council of India, Karaikudi, Central Electro Chemical Research Institute, Karaikudi, Indian

Maritime University, Chennai) held at Accord Metropolitan, Chennai during September 16.09.2010 to 18.09.2010.

7. Attended “National Seminar on Bioinformatics-NSB’ 09, held at Department of Bioinformatics, School of Life Sciences, Bharthidasan University, Tiruchirappalli-620024 during 23 and 24.02.2009.
8. Participated Second National Symposium in Chemistry, held at Indian Institute of Chemical Technology, Hyderabad, during January 27-29, 2000.

Annexure 11 – Foreign Countries Visited for Academic Purpose

Japan-2001-2003

1. Worked as Post Doctoral Fellow at Graduate School of Pharmaceutical Sciences, Sendai, Japan under JSPS fellowship.
2. Presented a poster “Electrochemical Synthesis of Complex Polycyclic Ring Systems as Useful Intermediates in the Synthesis of Biologically Active Compounds” at Fifth AFMC International Medicinal Chemistry Symposium on October 14-17, 2003 held at Institute for Chemical research, Kyoto University, Uji, Kyoto 611-0011, Japan.
3. Application of Palladium Mediated Cycloalkenylation Reaction for the Construction of Novel Polycyclic Ring Systems” at 41st Annual Meeting of Tohoku Branch, The Pharmaceutical Society of Japan, Hirosaki, Japan on 13.10.2002.

Russia-2013

1. Delivered an invited lecture entitled “N-(1-Anthraquinone) prolin-2-carboxamide as an Efficient Organocatalyst for Asymmetric Organic Transformations” in the IV Russian-Indian Symposium “Catalysis and Environmental Engineering” held at St. Petersburg, Russia, on 19.9.2013.

Germany-2015

1. Indian National Science Academy – German Research Foundation (**INSA-DFG**) **bilateral exchange fellowship 2015** - Three months (1.9.15 to 29.11.15) visit to Ludwig Maxmilian University, Munich, **Germany**.
2. Delivered an invited lecture entitled “C-H Activation Approaches for the Synthesis of Some Novel Heterocycles and Quinone Derivatives” held at the Department of Chemistry, Ludwig-Maxmilians-University, Butenandtstrasse, Muenchen, Germany on 26.10.2015.
3. Attended Tokyo-LMU symposium, held during 28-29.10.2015 at Innovation Center for Biotechnology (IZB) in Martinsried, Munich, organised by Department of Chemistry, Ludwig Maxmilain University, Munich, Germany and Japan Society for Promotion of Science, Tokyo Japan.

4. Participated in the URCUP research conference for our undergraduate students held at Wildbad Kreuth, Munich, Germany, during 01-02.10.2015, organised by Department of Chemistry, Ludwig Maximilian University, Munich, Germany.

France-2015

1. Delivered invited lecture entitled “C-H Activation Approaches for the Synthesis of Some Novel Heterocycles” at Department of Chemistry, Laboratoire de Chimie, Organométallique, ECPM, University of Strasbourg, 25 rue Becquerel, 67087 Strasbourg, FRANCE on 20.10.2015.

Annexure 12 – University Representative Governing Body / College Committees / Advisory Committee

1. Member of the Governing Body for **Sabari College of Nursing, Puducherry** - Affiliated to Pondicherry University, for a period of Three Years with effect from 31.10.2023 to 30.01.2026.
2. University Representative to Governing body of **Periyar E.V.R. College** (Autonomous), Tiruchirappalli-620 023, for a period of three years from 24.01.2019 meeting held on 22.12.2021, Ref.No.1 /E1 / 2019.
3. Advisory Committee Member- **Mother Theresa Post Graduate and Research Institute of Health Sciences, Puducherry, India** - Affiliated to Pondicherry University, for a period of three years with effect from 30.05.2019 to 29.05.2022.
4. University representative to college committee, **National College (Autonomous)**, Tiruchirappalli-620001 for a period of 3 years from 30.01.2018 to 29.01.2021.
5. University representative to college committee, **Rajah’s College of Sanskrit, Tamil and Music**, Thiruvaiyaru – 613 204 for a period of three years from 25.1.2017 to 24.01.2020.
6. **Member of the Governing Body** for Sabari College of Nursing, Puducherry. For a period of Three Years Effects from 31.10.2023 to 30.01.2026.

Annexure 13 - Member Academic council (UG & PG)

1. University representative to the academic council of **J. J. College of Arts and Science** (Autonomous), Tiruchirappalli-622422, for a period of three years. Meeting held on **28.05.2022**
2. University representative to the Academic Council of **Edayathangudy G.S. Pillay Arts and Science College** (Autonomous), Tiruchirappalli-Academic Council Meeting held on 20.11.2021. For a period of four years from **2020**.
3. University representative to the Academic Council of **Poompuhar College** (Autonomous), Melaiyur -609 107 for a period of three years from **11.01.2021**.
4. University representative to the Academic Council of **Holy Cross College** (Autonomous), Tiruchirappalli-620002, for a period of two years from **12.02.2017**.

5. University representative to the Academic Council of **Seethalakshmi Ramaswami College** (Autonomous), Tiruchirappalli – 620002, for a period of three years from **19.02.2019**.
6. University representative to the Academic Council of **National College** (Autonomous), Tiruchirappalli – 620001, for a period of three years from 30.10.2018. Meeting on 23.10.2021-

Annexure 14 - Member Board of Studies in Chemistry

1. **Government Arts and science College** (Autonomous)- Pudukottai for the period from 22.05.2023 and from period of 17.03.2021 to 18.10.2022 and from 27.03.2021 to 6.6.2022.
2. Rajah Serfoji Govt College (Autonomous), Thanjavur from 04.02.2021 for period of Three Years.
3. A.D.M College for Women (Autonomous), Nagapattinam from 01.06.2022 for Three years.
4. Govt Arts College (Autonomous), Karur – 639 005 from 26.02.2021 for period of Three Years.
5. Dr. SNS Rajalakshmi College for Arts and Science from 2021-2022.
6. Nehru Memorial College (Autonomous), Puthanampatti – 621007 from 05.04.2021 for period of Three Years.
7. University of Madras for Period of Three Years from 01.06.2020 to 31.05.2022.
8. Alagappa University for a period of Three Years from 17.06.2016 and 2019 – 2020.
9. National College (Autonomous), Trichy for Period of Two Years with effect from 19.01.2017.
10. Seethalakshmi Ramaswami College (Autonomous), Trichy from 01.08.2018 for Period of Three Years.
11. H.H. The Rajah's College (Autonomous), Pudukottai for the Period of Two Years with effect from 03.05.2017.
12. Jamal Mohamed College for Period of Two Years from 02.09.2017.
13. St.Joseph's College (Autonomous), Trichy for the Period of Three Years from 21.10.2017 and for the period of Two Years from 07/12/2008 and for the Period of Two Years from 08.03.2011.
14. J.J.College of arts and Science (Autonomous), Pudukottai For a Period of Two Years from 19.01.2017.
15. Thanthai Hans Roever College, Perambalur for a period of Two years from 23.04.2016.
16. Holy Cross College (Autonomous), Trichy for a Period of One Year from 02.04.2016.
17. Poompuhar College (Autonomous), Melaiyur for Two years from 15.02.2016.
18. St. Xavier College (Autonomous) For a period of Two Years from 22.12.2015.

Annexure 15 - Convener /Chairperson for granting affiliation to colleges

1. **Chairperson of inspection committee** for granting affiliation to Bharathi Vidyalaya Arts and Science College for Women, Tirugokarnam, Pudukkottai-2.
2. **Chairperson of inspection committee** for granting affiliation to Sri Amaravathi Arts and Science (Men and women) College, Velliyanai Karur Dist. 2021.

Annexure 16 - Expert member in committee for extending Autonomous Status to colleges

Expert member and University representative - committee constituted for extension of Autonomous status by University Grants Commission to St. Joseph's College, Tiruchirappalli.

Annexure 17 - Inspection commission / High Power committee

1. **Member, Inspection commission** to Tamilvel Umamaheswaranar Karanthai Arts College, Thanjavur.
2. **Member, High Power committee** to verify fees collection of affiliated colleges of Bharathidasan University. **Inspection committee member-2021**
3. **Inspection committee Member for Assessment Promotion of Alagappa University Karaikudi-630003**
4. Experts committee meeting **Bharathidasan University, Tirchirappalli, Tamilnadu, - 04.04.2022,**

Annexure 18 - Member committees for Selection of Principal / Faculty members / Research Fellows /

1. **CSIR –Central Electrochemical Research Institute, Karaikudi, Tamilnadu,** External expert in CSIR Assessment Committee.
2. **Selection Committee Member** for appointing Principal in Jamal Mohamed College, Trichy in 04/03/2024. D.No. 1752/ Sec/ 2024.
3. **Interaction Committee Member** – For Promoting Faculty Members under the UGC-Career Advancement Scheme. Ref: BDU/V.C/CAS/2023. **Bharathidasan University, Tirchirappalli, Tamilnadu**
4. **Selection Committee Member** for appointing the Assistant Professor in Seetha Lakshmi Ramaswami College, Trichy. in 03/02/2022.
5. **Selection Committee Member** – For selection of Faculty in Dharumapuram Aathinam Arts College, Mayiladudurai. Ref.no.203/ TAC. / 2020-2021.

6. **DST-SERB-EMEQ-2021** Selection committee for student internship program, Department of Biomedical sciences, Bharathidasan University, Tiruchirappalli-620024.
7. **Selection Committee Member** for appointing the Assistant Professor in Jamal Mohamed College, Trichy in 07/01/2021. Ref.no.1154/sec/2021.
8. **Screening Committee Member** – During the year 2019 – 2020 in Jamal Mohamad College, Trichy.
9. **Selection Committee Member** for appointing the Assistant Professor in Sri Pushpam College, Thanjavur in 05/12/2020.
10. **Selection Committee Member** for Selection of Temporary Teaching Assistants in Alagappa University, Karaikudi. Ref: BO/chem/2019/AI-OD/09516/25.09.2019.
11. **Member RUSA Project PF Selection committee-** Crystal growth and thin film lab, Department of physics, Bharathidasan University. Tiruchirappalli-620024
12. **Member, Research Associate-Selection Committee** meeting, Department of Marine science Bharathidasan university.

Annexure - 19 Acted as doctoral committee member for the following Ph.D students

1. Ms. S. Selvi, working under the guidance of Dr. K. Srinivasan, Professor, School of Chemistry, Bharathidasan University, Trichirappalli – 620024. Reference: 17815/Ph.D.K2/Chemistry/Fulltime/July2015/date 25.10.2023
2. Ms. M. Ilakiyalakshmi, working for PhD under the guidance of DR. A. A. Napoleon, Associate Professor, Department of Chemistry, School of Advanced Sciences. VIT, Vellore-632 014. Dated 07.09.2022
3. Ms.P.Rajasri Bharathi, Dr.Shubashini K. Sripathi, Professor & Head, Department of Chemistry, avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore – 641043. Dated 31.02.2022
4. Ms.K.Vijayalakshmi working under the guidance of Dr.A.L. Kavitha, Assistant Professor, Sree Sevugan Annamalai College, affiliated to Alagappa University, Devakottai – 630302. Reference: R1/Ph.D/registration/dated 04.01.2022
5. Ms.B.Sarigalakshmi and Ms. T. Keerthana under the guidance of Dr. P. Kalimuthu, Assistant professor, The Gandhigram rural institute(deemed to be university). Ref: Ac6(s)-Ph.D/2021-2022/52 date:16.04.2021
6. Mrs. S. Manimalathi & Jayapriya under the guidance of Dr. D. Madheswari, Associate professor, Govt Arts college for woman, Salem. Reference PU/COE/CRE VII/Ph.D. Course work Exam/1895/2020, dated 21.01.2021

7. Mr. Maheshwaran, working under the guidance of Prof.V.P.R. Sivakumar, Assistant Professor, Ghandhigram Rural Institute, Dindigul – 624302. Reference: AC6(S)/PhD/2019-2020/30.01.2020
8. Mrs. R. Parameshwari, Working for Ph.D under the guidance of Dr. K. Jeganthan, Professor & Director center for nanoscience and nanotechnology Department of physics, Bharathidasan University Tiruchirappalli-620024. Reference: 04574/PhD-K3/Physics/F.T/Sp.Extn/April 2019, dated 20.12.2019
9. Ms. S. Manimalathi, working under the guidance of Dr.D.Madheswari, Associate Professor, Dept of Chemistry, Govt. Arts College for Women, Salem – 636008. Reference: PU/Ph.D/RD2/ASCHE73/2019, dated 04.09.2019
10. Mr. T. Ajaykamal, working for Ph.D. under the guidance of Dr. M. Palaniandavar, Professor Emeritus, School of Chemistry, Bharathidasan University, Tiruchirappalli – 620024. Reference: INSA Honorary Scientist BharathidasanUniversity/Ref: No.16684/Ph.D. K2/Chemistry/Full Time/October-2017, dated 04.04.2019
11. Mr. Manne Madhava Reddy, working under the guidance of Dr.Akella Sivaramakrishna, School of Advanced Sciences, VIT, Vellore – 632014. Reference: VIT/DIR/Advanced Sciences/PHD/CHY, dated 18.03.2019.
12. Mr. C. Saravanan, working for Ph.D. under the guidance of Dr. R. Ramesh Babu, Assistant Professor, School of Physics, Bharathidasan University, Tiruchirappalli – 620024. Reference: Director (Research) Bharathidasan University/Ref: No.00239/Ph.D-K3/PHYSICS/FT/Jan'2019, dated 04.03.2019.
13. Ms. S. Thangamalar, working for Ph.D. under the guidance of Dr.K.Srinivasan, Assistant Professor, School of Chemistry, Bharathidasan University, Tiruchirappalli – 620024. Reference: Director (Research) Bharathidasan University Ref: No. 6582/Ph.D.K2/Chemistry/FullTime/April 2018, dated 09.11. 2018.
14. Mr. S. Prabhakaran working for Ph. D under the guidance of Dr. S. Velmathi, (Professor), Department of Chemistry, National Institute of Technology, Tiruchirappalli-625015. Reference: 10.08.2018
15. Mr. B. Karthi Prabhu, working for Ph. D under the guidance of Dr. S. Thangadurai, Assistant Professor, Department of Chemistry, Raja Doraisingam Govt. Arts College, Sivagangai-630560. Reference: Dean (Research) Alagappa University, Ref. no: RC.R1/Ph.D/R20161644/DC&CV/2018/Full-Time, dated 20.07.2018.
16. Ms. B. Dhivyabharathi, working for Ph.D. under the guidance of Dr. S. Sivarakrishnan, Associate Professor & Head in Biotechnology, Bharathidasan University, Tiruchirappalli-

620024. Reference: REGISTRAR, Bharathidasan University, Ref: No:4320/Ph.D.K7/Biotechnology/Full Time/July 2017, Date: 08.03.2018.

17. Mr. Nasireddy Seshadri Reddy, Working for Ph.D. under the guidance of Prof. MohanaRoopan S, School of Advanced Sciences, VIT, Vellore-632014. Ref:No: VIT/Dean (AR) /Ph.D. / SAS /17PHD0077/1638398/Date: 16.02.2018.
18. Ms. M. Naveena, working for Ph.D. Under the guidance of Dr.R.Mohanraj, Assistant Professor, Department of Environmental Management, Bharathidasan University, Tiruchirappalli-620024.Reference:REGISTRAR/BharathidasanUniversity/Ref:No.16875/Ph.D.K1/Environmental Science/FullTime/October 2017/Date:20.12.2017.
19. Mr.Madhav Reddy, working for Ph.D. under the guidance of Prof.AkellaSivarama Krishna. School of Advanced Sciences, VIT University, Vellore-632014, Ref.No: VIT/Dean (AR) / Ph.D./ SAS/ 16PHD0469/161182, dated 14.10.2016.
20. Mr.Chenna Reddy ML, working for Ph.D. under the guidance of Prof. F. Nawaz Khan,School of Advanced Sciences, VIT University, Vellore-632014. Ref.No: VIT/Dean (AR) /Ph.D./SAS/15PHD0089/160437, dated 13.07.2016.
21. Mr. Ramesh Dalavai, working for Ph.D. under the guidance of Prof. F. Nawaz Khan, School of Advanced Sciences, VIT University, Vellore- 632014. Ref.No: VIT / Dean (AR) / Ph.D /SAS/15PHD0079/160436, dated 13.07.2016.
22. Mr.Sivakumar Ponnambalam A, working for Ph.D. under the guidance of Dr. V. Thangaraj, Assistant Professor, Department of Chemistry, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli-620024.Reference: Director, Centre for Research, Anna University, Chennai. Ref:no. Procs.No.16135597161/Ph.D./AR15./Date:29.06.2016.
23. Mr. Jonathan Sampath Franklyne, working for Ph.D. under the guidance of Prof.N.Chandrasekaran, Director Centre For Nanobiotechnology, VIT University, Vellore632014. Ref.No: VIT/ Dean (AR) / Ph.D. / CNBT/14PHD0028/1114993.Date:18/02/2015.
24. Ms. K. Siva Sankari, working for Ph.D under the guidance of Prof.Dr.K.Nataraja Srinivasan, Professor and Head, Department of Microbiology, Bharathidasan University, Tiruchirappalli-620024. Ref: The registrar Bharathidasan University, Ir no. 14330/Ph.D.K1?Microbiology/FullTime/July2014/Date 06.11.2014.
25. Mr. V.S. Murthy, working for Ph.D under the guidance of Prof. Dr. V. Vijayakumar, Professor and Assistant Director, Centre for Organic and Medicinal Chemistry, VIT University, Vellore-632014, Tamilnadu, INDIA. Mobile - 94439-16746. Ref: No. VIT/Dean (AR)/Ph.D/SAS/14PHD0174/140191 dated October 30, 2014.

26. Mr. Patil Nikhil Nishikant, working under the guidance of Dr. R. BabuRajendran, Professor, Dept. of Environmental Biotechnology, Bharathidasan University, Trichy - 620024. Letter no. 17386/Ph.D.K1/Environmental Biotechnology/Full-Time/July-2014/Date: 03.09.2014.
27. Mr. R. Mohamed Ali, working under the guidance of Dr. S. Isaiah, Assistant Professor, Dept. of Chemistry, Bishop Heber College, Trichy - 620017. Letter no. 5064/Ph.D.K2/Chemistry/Partl-Time/April-2014/Date: 03.04.2014.
28. Mr. V. John Tamilarasan, working under the guidance of Dr. K. Srinivasan, Assistant Professor, School of Chemistry, Bharathidasan University, Trichy. Letter no. 45617/Ph.D.K2/Chemistry/Full-Time/January-2014/Date: 24.01.2014.
29. Mr. K. Vimal Kumar, working under the guidance of Dr. R. BabuRajendran, Professor, Dept. of Environmental Biotechnology, Bharathidasan University, Trichy. Letter no. 48088/Ph.D.K1/EnvironmentalBiotechnology/Full-Time/January-2013/Date: 30.12.2013.
30. Mr. S. Jagatheeswaran, working under the guidance of Dr. M. Sundrarajan, Assistant Professor, Dept. of Industrial Chemistry, Alagappa University, Karaikudi. Letter no. Research/567/PhD/2013. Date: 19.11.2013.
31. Mr. J. Palaniraja working under the guidance of S. MohanaRoopan, Professor, School of Advanced Sciences, VIT University, Vellore-632 014.Reference No.: VIT/Dean (AR)/Ph.D/SAS/13PHD0197/1113622 dated: 30.10.2013.
32. Mr. P. Baladhandayutham and Mr. Rajesh Sompalle are working under the guidance of S. MohanaRoopan, Professor, School of Advanced Sciences, VIT University, Vellore-632 014.Reference No.: VIT/Dir(AR)/Ph.D/SAS/12PHD0230/1112588 dated: 18.02.2013.
33. Mr. P. Pavan Kumar and Gangadhara Angajala working under the guidance of R.Subhashini, Professor, School of Advanced Sciences, VIT University,Vellore-632 014. Reference No.: VIT/Dir (AR)/Ph.D/SAS/11PHD0102/1110471 dated: 27.03.2012.
34. Mr. S.P. Manivannan, working under the guidance of Dr. G. Muralitharan, Assistant Professor, Department of Microbiology, Bharathidasan University, Tiruchirappalli. Reference: The Registrar Bharathidan University, Tiruchirapalli, letter no.5972/Ph.D.1/Microbiiology/F.T/July 2011/Date:4.08.2011.
35. Mr.S.Nehru, working under the guidance of Dr.S.Arunachalam, Professor, School of Chemistry, Bharathidasan University, Tiruchirappalli. Reference: The Registrar Bharathidasan University, Tiruchirapalli, letter no. 31835/Ph.D.1/Chemistry/Full-Time/July-2011/Date:27.07.2011
36. Mr.S.Krishna Kumar, working under the guidance of Dr.R.BabuRajendhran, Associate Professor, Dept. of Environmental Biotechnology, Bharathidasan University, Tiruchirappalli.

Reference: The Registrar Bharathidasan University, Tiruchirappalli, letter no.:15197/Ph.D.1/Environ.Biotechnology/F.T./Oct.2010/Date19.07.2011

37. Ms.R.Parameshwari, working under the guidance of Dr.K.Jeganathan, Associate Professor, School of Physics , Bharathidasan University, Tiruchirappalli. Reference: The Registrar Bharathidasan University, Tiruchirappalli, letter no.:04574/Ph.D.1/Physics/Full-Time/April-2011/Date:17.06.2011.
38. Ms.S.Priya, working under the guidance of Dr.SheelaBerchmans, Scientist, CECRI, Karaikudi-630006. Reference: The Registrar Bharathidasan University, Tiruchirappalli, letter no.:17673/Ph.D.1/Chemistry/Full-Time/July 2010/Date:07.06.2011.
39. Mr.D.ArulAnanth, working under the guidance of Dr.T.Sivasudha, Lecturer, Dept. of Environmental Biotechnology, Bharathidasan University, Tiruchirappalli. Reference: The Registrar Bharathidasan University, Tiruchirappalli, letter no.:43915/Ph.D.1/Environmental Biotech./F.T./April 2011/Date:2.06.2011.
40. Mrs.N.Renuka, working under the guidanc56e of Dr.K.Ramamurthi, Professor & Head, School of Physics , Bharathidasan University, Tiruchirappalli. Reference The Registrar Bharathidasan University, Tiruchirappalli, letter no.:15511/Ph.D.1/Physics/Part-Time/January 2011/Date:04.03.2011.
41. Ms.C.Nithya, working under the guidance of Dr.S.Gopukumar, Scientist, Gr.IV(4), Scientist, CECRI,Karaikudi-630006. Reference: The Registrar Bharathidasan University, Tiruchirappalli, letter no.:34711/Ph.D.1/chemistry/F.T/Jan.2010/Date:15.07.2010.
42. Mrs.I.Rama, working under the guidance of Dr.V. Usha, Associate Professor, Department Of Chemistry, SeethslskdhmiRamasamy College(Autonomous), Tiruchirappalli. Reference: The Registrar Bharathidasan University, Tiruchirappalli, letter no.:22735/Ph.D.1/Chemistry/P.T./Oct 2009/Date:24.02.2010.
43. Mr.S.Srimurali, working under the guidance of Dr.R.BabuRajendhran, Reader, Department of Enironmental Biotech, Bharathidasan University, Tiruchirappalli. Reference: The Registrar Bharathidasan University, Tiruchirappalli, letter no.:12320/Ph.D.1/Environ.Biotech./F.T./July 2009/Date:23.02.2010.
44. Mr.K.FirozBabu, working under the guidance of Dr.M.Anbukulandainathan, Scientist, Scientist, CECRI, Karaikudi-630006. Reference: The Registrar Bharathidasan University, Tiruchirappalli, letter no.:18474/Ph.D/Full Time/Oct.2009/date:09.02.2010.
45. Mr. S. Harish, working under the guidance of Dr. James Joseph, Scientist, Scientist, CECRI, Karaikudi-630006. Reference: The Registrar Bharathidasan University, Tiruchirappalli, letter no.:38344/Ph.D/Chemisrty/F.T/April'09/Date:23.07.2009.

46. Mr. C. Jeyabharathi, working under the guidance of Dr. K. L. N. Phani, Scientist, CECRI, Karaikudi-630006, Reference: The Registrar Bharathidasan University, Tiruchirappalli, letter no.:21670/Ph.D.1/Chemistry/F.T/Oct.'08/ Dt.26.06.2009.
47. Ms. P. Anjugam, working under the guidance of Dr. (Mrs). N. Radha, Reader, Department of Chemistry, SeethalakshmiRamaswami College, Tiruchirappalli. Reference: The Registrar Bharathidasan University, Tiruchirappalli, letter no.: 21428/Ph.D.1/Chemistry /F.T./Oct.'08, Dated 13.03.2009.
48. Mr. R. Vijay Solomon, working under the guidance of Dr. P. Venuvanalingam, Professor, School of Chemistry, Bharathidasan University, Tiruchirappalli. Reference: The Registrar Bharathidasan University, Tiruchirappalli, letter no.: 23612/Ph.D-1/Chemistry/FT/Oct.2008, Dated 22-12-2008.
49. Mr. M. Muthukumar, working under the guidance of Dr. Vasanthi Nachiappan, Reader & Head, Dept. of Bio-Chemistry, Bharathidasan University, Tiruchirappalli. Reference: The Registrar Bharathidasan University, Tiruchirappalli, letter no.:35691/Ph.D-1/Biochem/PT/April.2007, Dated 07-05-2007.
50. Mr. M. Jaccob, working under the guidance of Dr. P. Venuvanalingam, Professor, School of Chemistry, Bharathidasan University Tiruchirappalli. Reference: The Registrar Bharathidasan University, Tiruchirappalli, letter no.:20720/Ph.D-1/Chem/FT/Oct 2005, Dated 23-02-2007.
51. Ms. S. Leela, working under the guidance of Dr. K. Ramamurthi, Professor, Department of Physics, Bharathidasan University, Tiruchirappalli. Reference: The Registrar Bharathidasan University, Tiruchirappalli, letter no.:30211/Ph.D-1/Phy/FT/Jan 2006/Dated 25-10-2006
52. Mr. S. Britto working under the guidance of Dr. M. Nallu, Professor, School of Chemistry, Bharathidasan University, Tiruchirappalli. Reference: The Registrar Bharathidasan University, Tiruchirappalli, letter no.:19234/Ph.D.1/Chemistry/F.T./Oct 2004, Dated 3-02-2006.

Annexure – 20 Ph. D viva voce Examination Conducted

1. Ph.D. viva voce examination conducted on 21st August 2019 for the candidate Mr. V. Velmurugan, Research guide Dr. B. Ravindran Durai Nayagam at Department of Chemistry, Manonmaniam Sundaranar university, Tirunelveli- 627012, Thesis Titled: “studies on the SC XRD, DFT and Spectral characteristics of the co crystals of homologous of phenylthiocarboxylic acids/Barbituric acid with the few organic bases.” Ref.no MSU/RES/Ph.D/Eval/REG.NO.9440, dated 28.07.2019.
2. Ph.D. viva voce examination conducted on 3.10.2018 for the candidates Mr. Ramesh. D & Mr. Chenna Reddy, Research guide Dr. R. vijayaraghavan at vellore institute of technology. Ref.no VIT/DIR/Advanced Sciences/PHD/CHY.

3. Ph.D. viva voce examination conducted on 28th September 2018 for the candidate **Ms. P. Divya**, Research guide Dr. S.P.Rajendran at Dept of chemistry, Bharathiar University, Coimbatore-641046. Ref.No.COE/Ph.D./2018/1878, dated 14.09.2018.
4. Ph.D. viva voce examination conducted on 10th August 2018 for the candidate **Mr. B. Karthikprabu**, Research guide Dr. S. Thangadurai at dept of chemistry, Raja Doraisingam Government Arts College, Sivagangai-630561 Ref.No.Research/ Ph.D. /DC & CV/2018 dated 19.07.2018.
5. Ph.D. viva voce examination conducted on 11th June 2018 for the candidate **Mr. S. Dineshkumar**, Research guide Dr. G. Thirunarayanan at Dept. of chemistry, Annamalai University, Thesis title: “Synthesis, Effects of Substitutents on Spectral Data and Anti-microbial Activities of Some Substituted Sulfonamides” Controller of examination letter Ref.No. A4/2018, dated 17.05.2018
6. Ph.D. viva voce examination conducted on 20-04-2018 for the candidate **Mr. R. Vijayakumar**, Research guide Dr. G.Vanangamudi Government Arts College, C.Mutlur, Chidambaram. Thesis title: “Synthesis, Evaluation and biological activities and Correlation analysis of spectral data of some substituted hydrazine compounds” Controller of examination letter Ref.No.TVC /COE /Ph.D./Viva-Voce Examination /2018/3958 dated 26.02.2018.
7. Ph.D. viva voce examination conducted on 08.02.2018 for the candidate **Mr. M. Rajarajan**, Research guide Dr. G. Vanangamudi at Dept. of chemistry, Government Arts College, Chidambaram Thesis title: “Synthesis, Spectral Correlation Analysis And Antimicrobial Activities Of Some Novel 1-Substituted Benzylidene-2-Phenylhydrazine Derivatives ” Controller of examination letter Ref.No.TVC/COE/Ph.D/Viva-Voce Examination/2017/3670, dated 27.12.2017.
8. Ph.D. viva voce examination conducted on 02.04.2018 for the candidate **Mr. R. Rajkumar**, Research guide Dr. S.P. Rajendran at Dept. of chemistry, Bharathiar University, Coimbatore-641046. Research Coordinator letter Ref.No.COE/Ph.D./2018/191, dated 31.01.2018.
9. Ph.D. viva voce examination conducted on October 3rd 2017 for the candidate Ms.Vyshnavi Yelchuri at AcSIR – IICT. Research guide Dr. CH.Raji Reddy. Thesis entitled “synthesis of specially oleochemicals via olefin metathesis.” Letter no. AcSIR/PH.D/CS-26-17, dated 30.11.2017.
10. Ph.D. viva voce examination conducted on 08th June 2018 for the candidate **V.Umapathy** Research guide Dr.P.Neeraja at dept of chemistry, Bharathiar University, Thesis title: “Sysnthesis of metal Moybdates Nanoparticles by Sol-Gel method and study of Structural, Morphological, Optical, Magnetic and Photocatalytic properties” Research coordinator letter Ref.No.COE/Ph.D./2018/766, dated 17.04.2018.
11. Ph.D. viva voce examination conducted on 29/08/2017 for the candidate Mr. Ragavendra.B, at Sri Venkateswara University, Tirupati. Ref.no B7(2)/PH.D/CHEMISTRY/01/2017.
12. Ph.D. viva voce examination conducted on 03/05/2017 for the candidate **Mr. S. Dineshkumar**, Research guide Dr. G. Thirunarayanan at Dept. of chemistry, Annamalai

University, Thesis title: “Synthesis, Effects of Substituents on Spectral Data and Anti-microbial Activities of Some Substituted Sulfonamides” Controller of examination letter Ref.No. A4/2018, dated 19/04/2017.

13. Ph.D. viva voce examination conducted on 05.01.2017 for the candidate **Mr. S. Vijayakumar**, Research guide Dr. G.Vanangamudi Government Arts College, C.Mutlur,Chidambaram conducted at Manonmaniam Sundaranar University, Tirunelveli. Thesis title: “Synthesis, Biological Activities and Spectral Studies of Some aryl α,β -Unsaturated Ketones” Director(COR) letter Ref.No.MSU/RES/Ph.D./VIVA/R-2/4610 dated 26.12.2016.
14. Ph.D. viva voce examination conducted on 27.09.2016 for the candidate **Mr. Suresh Borra**, at CSIR-IICT-Hyderabad. AcSIR Coordinator e-mail, Ref: CSIR-IICT: AcSIR PhD VIVA_Mr. Suresh Borra , e-mail dated 21.09.2016.
15. Ph.D. viva voce examination conducted on 10.09.2016 for the candidate Ms. K. Divya, at Sri Venkateswara university, Tirupati. Ref.no B7(2)/PH.D/CHEMISTRY/03/2016.
16. Ph.D. viva voce examination conducted on 27th August 2016 for the candidate **Mr. Bhaskaran T**, Research guide Dr. A. Sakthivel at Dept of chemistry, University of Delhi, Delhi-110007. Thesis title: “Silicate moiety intercalated layered double hydroxide (LDH):As Potential support and catalytic materials” Head of Department letter Ref.No. Chem. /2016/397, dated 09.08.2016.
17. Ph.D. viva voce examination conducted on 18.04.2016 for the candidate **Mr. R. Nareshkumar**, at CSIR-IICT-Hyderabad. Coordinator CSIR-IICT letter Ref.No.AcSIR PhD VIVA_Mr. R. Naresh Kumar dated 13.04.2016.
18. Ph.D. viva voce examination conducted on 24.03.2016 for the candidate **Ms.J.Madhumitha**, Research guide Dr.N.Santhi at Manonmaniam Sundaranar University, Tirunelveli-627012. Thesis title: “Synthesis, Characterization, Pharmacological and Physico – Chemical Properties of Sydone derivatives by Ultrasonic Irradiation Method” Coordinator of Research letter Ref.No. MSU/RES/Ph.D./VIVA/R-2/3607 dated 10.03.2016.
19. Ph.D. viva voce examination conducted on 04.04.2016 for the candidate **Mr. K.Ramanujam** Research guide Dr.M.Sundrarajan at Dept. of Industrial Chemistry, Alagappa University, Karakudi. Thesis title: “Eco-Friendly Modification of Cellulosic Material with Metal Oxide Nanoparticles and Natural Extracts for Enhanced Antimicrobial Activity” Dean(Research) Ref.No. Rc.A5/Ph.D./0560/2015 dated 11.03.2016.
20. Ph.D. viva voce examination conducted on 28th December 2015 for the candidate **Mr. P. Mayavel**, Research guide Dr. C.Thirunarayanan at dept of chemistry, Annamalai University, Thesis title: “Synthesis Spectrol correlation and biological activities of some aryl(E) imides” Controller of examination letter Ref.No.A4/2015, dated 18.12.2015.
21. Ph.D. viva voce examination conducted on 14th December 2015 for the candidate **Mr. S. Mangalaraj**, Research guide Dr. C. R. Ramanathan, Dept of Chemistry, Pondicherry University, Thesis title: Synthesis of tetrahydro-B-carboline derivatives and related alkaloids”

belonging to dept of chemistry, Pondicherry university, Pondicherry controller of examination letter Ref. No. PU/CHEM/SM/VIVA-NOTICE/2015/381 dated 14.12.2015.

22. Ph.D. viva voce examination conducted on 28th April 2015 for the candidate **Ms. B. Chellakili**, Research guide Dr. M. Gopalakrishnan, Dept of chemistry, Annamalai University, Thesis title: "Synthesis spectral characterisation in-vitro biological evaluation and insilico molecular docking studies of some non hetrocyclic compounds." belonging to dept of chemistry, Annamalai university, Tamilnadu controller of examination letter Ref.No.A4/2015 Dated:21-04-2015.
23. Ph.D. viva voce examination conducted on 3rd March 2015 for the candidate **Mr. Deepak Gupta**, at dept of chemistry, University of Delhi, Delhi-110007. Head of Department letter Ref.No. CHEM/2015/172 dated 25.02.2015.
24. Ph.D. viva voce examination conducted on 21.02.2015 for the candidate **Mr. Raju Gajjela**, Research guide Dr. R. Srinivas, Deputy Director, National Centre for Mass Spectrometry, IICT-Hyderabad conducted at Dept. of Chemistry, College of Engineering, JNTUH, Kukatpally, Hyderabad-500085. Director(JNTUH) letter Proc. No. R/ DRD /Ph.D./RG/CHE/ Viva-Voce/119/2010-2014, dated 18.02.2015.
25. Ph.D. viva voce Examination conducted on Feb-17, 2015 for the candidate **Mr. Ramesh Saudagar Ghogare**, Dr. Venkat Narsaiah's student, Organic Chemistry, Division -III, IICT, Hyderabad. Title of the thesis: "Stereoselective total synthesis of bioactive lactones: (-)-Cleistenolide pectinolides A, C, H and (6S)-6-5,6-dihydro-2H-pyran-2-one" Head (CSIR-IICT-Hyderabad) email Ref.No.CSIR-IICT: PhD VIVA_Mr.Ramesh Saudagar Ghogare email dated 17.02.2015.
26. Ph.D. Viva-Voce Examination conducted on 15.10.14, 11.AM for the Candidate **Ms. V. Mala**, Research guide Dr. G. Vanagamudi, Associate Professor and Head, Department of Chemistry, Govt. Arts College, Chidambaram. Thesis submitted to Tiruvalluvar University, Vellore-Tamilnadu. The title of thesis "Synthesis, Correlation Analysis of Hammett Substituent Costants and Biological Activities of some α , β - Unsaturated Ketones." Controller of Examination Letter No: TVU/COE/Ph.D/Viva-Voce 0Examination/2014/497. Dated: 16 Sep, 2014.
27. Ph.D. Viva Examination conducted for the candidate **Mr. Harish Kumar**, Research guide Dr. B. V. Subba Reddy, Sr. Principal Scientist, NPC Div, IICT-Hyderabad in Academy CSIR, Indian Institute of Chemical Technology, Hyderabad, Title of the thesis "Total synthesis of Cyclodepsipetides and development of Novel Synthetic methodologies employing Prins Bicyclisation Strategy" Date of the examination 25.6.2014.
28. Ph.D. Viva Examination conducted for **Mr. P. Narayana Reddy** in School of Chemistry, Andhra University, Research guide Dr. J. S. Yadav, Visakhapatnam (A.P), India, Ref.No. T(2)/6563/2009; Date:4-7-2011.

29. Ph.D. Chemistry, Public viva voce examination conducted at Department of Chemistry, Annamalai University, Chidambaram for **Mr. J. Thanusu**, research guide Prof. M. Gopalakrishnan on 23rd Sep-2009. Ref. No. A4/2009.
30. Ph.D. Viva Examination conducted for **Mr. S. Karuppusamy**, Research guide Dr. B. Ramesh Babu, Chief Scientist, Coordinator, AcSIR, CSIR-Central Electrochemical Research Institute, Karaikudi. Title of the thesis “Functionalization strategies to restructure the cellulose surface for versatile applications” Date of the examination: 12 Jan, 2021 at 12.31pm
31. Ph.D. Viva Examination conducted for **Mr. C. Teja**, Research guide Dr. E. Nawaz Khan, Professor of Organic chemistry, school of Advanced Science, VIT University, Vellore, Title of the thesis: “Synthesis Characterization, Molecular Docking, Anti-Microbial Screening and Anti-Diabetic Activities of Novel Dihydrophropyridines and Pyridodipyridines” Date of examination: 18 Jan, 2021
32. Ph.D. Viva Examination conducted for Mr.P. Naveen kumar, Research guide Dr. G. Paruthimal Kalaiganan, Professor of Industrial Chemistry, Alagappa University, Karaikudi. Title of the thesis: “Synthesis and characterization of transition metal sulphides for super capacitor applications” Date of examination 25 Sep, 2019.

Annexure 21a- List of Ph. D Thesis in Chemistry Evaluated: 133

1. Evaluated the thesis entitled “Design, Synthesis and Photophysical Properties of Novel Schiff’s Base as Sensors for Selective Detection of Metal Ions” Name of the candidate: Tamizhselvi R, belonging to VIT Vellore. Dated 18/04/2024
2. Evaluated the thesis entitled “Enhanced Corrosion Protection of Mild Steel With Chitosan Nano Composites Incorporated Epoxy System and Water Borne Polymers in Acidic Medium” Name of the candidate: Zachariah P M, belonging to Mahatma Gandhi University, Kottayam. Ref. No. /MSU/RES/Ph.D/Eval/Reg.no.135225. Dated 18/03/2024
3. Evaluated the thesis entitled “Investigation of DNA/Protein binding, DNA Cleaving and Cytotoxic Properties of Mixed/Ligand Cu(II) Complexes” Name of the candidate: Anjaneyulu Mamindla, belonging to Central University of Tamilnadu, Thiruvavur. Ref. No. /MSU/RES/Ph.D/Eval/Reg.no.151501. Dated 19/07/2023
4. Evaluated the thesis entitled “Development of Conjugated Probes for Molecular Recognition of Biologically Relevant Analytes (Ferrous ions, H₂O₂, HClO, Cholesterol)” Name of the candidate: Amrit Kaur, belonging to Guru Nanak Dev University, Amritsar. Ref. No. /MSU/RES/Ph.D/Eval/Reg.no.8607/Th/Ex-II. Dated 07/06/2023
5. Evaluated the thesis entitled “Development of Novel Bioceramic Materials with Improved Properties Orthopedic Application” Name of the candidate: Saireka A, belonging to Periyar

University, Salem. Ref. No. PU/RD/Ph.D.-Evaluation UDS-CHE-02 /2021. Dated 18/05/2022

6. Evaluated the thesis entitled "Quinones catalysed visible-light Photoredox synthesis and functionalisation of organic Compounds." Name of the candidate: Ms. Deachen Chuskit, belonging to Punjab university, Chandigarh. Ref. No. /MSU/RES/Ph.D/Eval/Reg.no.15684. Dated 14/05/2022
7. Evaluated the thesis entitled "Development and Validation of stability Indicating Chromatographic Methods for Linagliptin, Sitagliptin and Prasugrel" Name of the candidate: Nagi Reddy Vuyyaru, belonging to Jawaharlal Nehru Technological University, Hyderabad
8. Evaluated the thesis entitled "Synthesis of Biologically Active Compounds and Green Chemistry Approaches to Noval Heterocyclic Ring Systems" Name of the candidate: Mr. Nakula Ramesh , belonging to Osmania university. Dated 08/01/2021
9. Evaluated the thesis entitled "Less Hazardous and Energy Efficient Synthetic Methodologies Development and Application in nitro Compound Synthesis" Name of the candidate: Ms. Renu, belonging to Punjab university, Chandigarh. Ref. No. /MSU/RES/Ph.D/Eval/Reg.no.3169. Dated 18/01/2021
10. Evaluated the thesis entitled "First Stereoselective Total Synthesis of (6R,7R,8S)-8-Chlorogoiniodiol, Ciryneol C and studies Towards Stereoselective synthesis of Prelunularin" Name of the candidate: Ambati Sharada, belonging to Osmania University,Hyderabad. Ref. No. CN022000050/Ph.D/Exams/2020.Date 15/05/2020
11. Evaluated the thesis entitled "Synthesis Characterization, Biologicival activity and Theoretical studies of some novel substituted 2,6-Dipiperidin-4-ones and Imidazoles Derivatives" Name of the candidate: Amala. S, belonging to Annamalai university. Ref. No. /MSU/RES/Ph.D/Eval/Reg.no.2020. Dated 16/03/2020
12. Evaluated the thesis entitled "Structure-Activity Relationship on the non linear optical property of Chalcone Derivatives: An in Silico Experimental Approach" belonging to University of Kerala, Thiruvananthapuram.
13. Evaluated the thesis entitled "Synthesis, photophysical biological and theoretical studies of some heterocyclic and macrocyclic Sciff Base Compounds" Name of the candidate: Dhineshkumar. E, belonging to Annamalai university, Tamilnadu. Ref. No. /MSU/RES/Ph.D/CARE/2019. Dated 12/06/2019
14. Evaluated the thesis entitled "Studies on the SCXRD, DFT and spectral characteristics of thee CO CRYSTALS of homologues of phynylthiocarboxylic acid/Barbituric acid with a few organic bases." Name of the candidate: Velmurugan. V, belonging to Manonmaniam sundaranar university, Tirunelveli. Ref. No. /MSU/RES/Ph.D/Eval/Reg.no.9440. Dated 19/02/2019

15. Evaluated the thesis entitled "Photocatalytic degradation of a pollutant using Titania supported metallic catalyst." Name of the candidate: B. Malini, belonging to Manonmaniam sundaranar university, Tirunelveli. Ref. No. /MSU/RES/Ph.D/Eval/Reg.no.10124. Dated 18/02/2019
16. Evaluated the thesis entitled "Studies on synthesis and PTC Catalyst." Name of the candidate: Ms. L. Anapurna belonging to Osmania university, Hyderabad. Ref. No. 021800146/ Ph.D/Exams/2018. Dated: 19/11/2018
17. Evaluated the thesis entitled "Total synthesis ofDerivatives." Name of the candidate: Mr. Bhaskar K. belonging to Osmania university, Hyderabad. Ref. No. 101800167/Ph.D/Exams/2018. Dated: 15/11/2018
18. Evaluated the thesis entitled "Studies on synthesis andPTC Catalyst." Name of the candidate: Ms. L. Anapurna belonging to Osmania university, Hyderabad. Ref. No. 021800146/ Ph.D/Exams/2018. Dated: 02/11/2018
19. Evaluated the thesis entitled "Development of Polymer Impregnated Nanoceramic Coatings on Metals for Environmental and Biomedical Applications."Name Of The Candidate:R.Mohan Raj,Belonging To Periyar University,Salem-636011.Ref.No.PU/COE/CRE-9/Ph.D-Evaluation/2127/2018.Dated 20.06.2018
20. Evaluated the thesis entitled" IDENTIFICATION OF PROTEINS.....CONCENTRATION". Name of the candidate: Kranthi Kumar Yadav G, belonging to Osmania University, Hyderabad-500 007. Ref no. 121700078/Ph.D./Exams/2018. Dated 29.05.2018.
21. Evaluated the thesis entitled "Synthesis Biological activity and Electrochemical Studies Of 5-Substituted 1,2-Benzisoxazoles and their N-Glucosides." Name of the Candidate: Yogesh. V. Punathkar, belonging to Rastrasant Tukadoji Maharaj Nagpur University. Ref. No. RTMNU/Ph.D. (Cell)/1086, Dated: 12/06/2018.
22. Evaluated the thesis entitled "Synthesis of metal molybdates nanoparticles by Sol-Gel method and study of structural, Morphological, Optical, Magnetic and photocatalytic properties" Name of the candidate: Mr. V. Umapathy, belonging to Bharathiar University, Coimbatore-641046. Letter No. COE/Ph.D./2018/766, dated 17.04.2018.
23. Evaluated the thesis entitled "Development and evaluation.....activity", Name of the candidate: S. Vanitha Sagar, belonging to Osmania university, Hyderabad- 500007. Ref. No. 041700098/Ph.D/Exams/2017, Dated: 06/11/2017.
24. Evaluated the thesis entitled "SYNTHESIS AND EXPLORATION OF DIVERSIFIED BIOLOGICAL PHOTOPHYSICAL AND THEORETICAL STUDIES". Name of the candidate: P. Divya, belonging to Bharathiyar University, Coimbatore-641 046. Ref No. COE/Ph.D./2017/1931. Dated 24.10.17.

25. Evaluated the thesis entitled "Synthetic Studies.....Evaluation." Submitted by Rajitha Bollu, Ref.No.041700016/Ph.D/Exams/2017,Dated 27.04.2017
26. Evaluated the thesis entitled "Studies On Click.....Triazoles."Submitted by Ms.Sravanthi,Ref No.031700083/Ph.D/Exams/2017,Dated 17.04.2017.
27. Evaluated the thesis entitled "Synthesis Effect of Substituents on Special Data and Antimicrobial Activities of Some Substituted Sulfonamides". Submitted By Mr. S. Dinesh Kumar, Ref.No.A4/2017, Dated 12.04.2017.
28. Evaluated the thesis entitled "A Study on the Synthesis and Bioactivity of Some Heterocycles". Submitted Ms. K. Divya, Ref.No. B7 (2)/ Ph.D/ CHEMISTRY/ 03/2016, Dated. 18.01.2017.
29. Evaluated the thesis entitled"FUNCTIONALIZATION AND BIOLOGICAL APPLICATIONS OF 2,3-DIHYDROQUINAZOLINE-4-ONES-MOLECULAR DOCKING AND ITS INTERACTION STUDIES WITH PROTEIN/DNA". Name of the candidate: Ms. K. Hemalatha, belonging to VIT University, vellore-632 014, Tamil Nadu. Ref No. VIT/Dean (AR)/ PO5421612/151254, dated 4.01.2017.
30. Evaluated the thesis entitled "Synthesis and evaluation.....Enigmol". Name of the candidate: Lokesh .P, belonging to Osmania university, Hyderabad. Ref.No: 121600009/Ph.D/Exams/2016. Dated 17/12/2016.
31. Evaluated the thesis entitled"ONE POT THREE COMPONENT SYNTHESIS OF FUSED (1, 8)-NAPHTHYRIDES AND THEIR BIOLOGICAL EVALUATION". Name of the Candidate: R. Rajkumar, belonging to Bharathiyar University, Coimbatore-641 046. Ref No. COE/Ph.D./2016/1892. Dated 12.12.2016.
32. Evaluated the thesis entitled "synthesis ofLytophilippine A" . Name of the candidate: G.Anjaiah, belonging to Osmania University, Hyderabad-500 007. Ref No. 091600114/Ph.D./Exams/2016. Dated 30.11.2016.
33. Evaluated the thesis entitled "studies towards the synthesis of macrolides:pamamycin – 607, (S)- Zearalenone, (R)- De-Omethyllasiodiplodin and Aigialomycins." Name of the candidate: Mr. Sujith kumar Dey, belonging to AcSIR, Hyderabad. Dated: 21/10/2016.
34. Evaluated the thesis entitled "Adsorption of textile dyes methylene blue and crystal violet on charcoal derived from medicinally significant plants.", Name of the candidate: Ms. V.M. Porselvi, belonging to Manonmaniam sundaranar university. Dated: 21/10/2016
35. Evaluated the thesis entitled "TOTAL SYNTHESIS OF (-) VARITRIOL, OBOLACTONE, MYRISTICINALDEHYDE AND DEVELOPMENT OF METHODOLOGIES USING TIN (II) CHLORIDE". Name of the candidate: Mr.PingiliUpendra, belonging to Kakatiya University, Warangal 506 009. Ref no. 807/E1/Ph.D./KU/2016. Dated 17.09.2016.

36. Evaluated the thesis entitled "Stereo Selective Synthesis of an Antiviral Agent Sattabacin and Development of Synthetic Methodologies Using Germanium Iodide". Name of the candidate Mr. Chandra Mouleshwara Rao, J, belonging to Kaktiya University, Warangal-506 009. Ref no. 770/E1/Ph.D./KU/2016. Dated 12.09.2016.
37. Evaluated the thesis entitled "Adsorption Of Textile dyes Methelyne Blue and Crystal Violet On Charcoal derived from Medicinally Significant Plants." Submitted by Ms. V. M. Porselvi, Ref. No. MSU/RES/Ph.D/Eval/Reg.No.2854, Dated 19.07.2016.
38. Evaluated the thesis entitled "Studies Towards The Synthesis Of Macroides: Pamamycin-607, (S)-Zearaenone, (R)-De-O-Methylasiodiplodin And Aigialomycins". Name of the candidate: Sujit Kumar Dey, belonging to CSIR-Indian Institute of Chemical Technology, Hyderabad. Letter No. 10CC11J18038, Dated 14.07.2016.
39. Evaluated the thesis entitled "First synthesis of Dinemasone A, A Novel method for Vic-Amino alcohols and derivatives from epoxy unsaturated esters, attempts towards the total synthesis of Paecilomycin B and Angiopterlactone A.". Name of the candidate Mr. Gourishetty Srikanth, belonging to Kaktiya University, Warangal-506 009. Ref no. 448/E1/Ph.D./KU/2016. Dated 28.06.2016.
40. Evaluated the thesis entitled "NEW APPROACHES TOWARDS THE CONSTRUCTION OF HETEROCYCLIC SCAFFOLDS AND SYNTHESIS OF XYLOGIBLACTONE B, C AND PHOMOPSOLIDINONE C". Name of the candidate Mr. Santhosh Kumar G, belonging to Kaktiya University, Warangal-506 009. Ref no. 452/E1/Ph.D./KU/2016. Dated 28.06.2016.
41. Evaluated the thesis entitled "Expedient Method For Intramolecular Enamide Formation And Total Synthesis Of Sanctolide A, Homologated Sanctolide A, Palmyrolide A And Desmethyl Palmyrolide A". Name of the candidate: Mr. Borra Suresh, belonging to AcSIR-IICT. Ref no. AcSIR/Ph.D./CS-04-16. Dated 1.06.2016.
42. Evaluated the thesis entitled "NOVEL PROTOCOLS FOR.....GLYCALS". Name of the candidate: Sravanthichittela, belonging to Osmania University, Hyderabad-500 007. Ref no. 031600079/Ph.D./Exams/2016. Dated 20.05.2016.
43. Evaluated the thesis entitled " Novel protocols forgycols." Name of the candidate: Ms. Sravanthi Chittela, belonging to Osmania university, Hyderabad. Dated: 16/04/2016
44. Evaluated the thesis entitled "Studies on the synthesis of novel heteroring fused trifluoromethane substituted pyridine and pyrimidine derivatives of potential biological activity." Name of the candidate: R. Naresh kumar, belonging to AcSIR. Ref. No 10CCIIJ18078. Dated 11/04/2016.
45. Evaluated the thesis entitled "Silicate Moiety Intercalated Layered Double Hydroxide (LDH): As Potential Support and Catalytic Materials" submitted by Mr. T. Baskaran,

University of Delhi, Name of the Guide: Dr. A. Sakthivel, Ref. No.: Deputy Controller of Exam Ir. No. Exam. IV/Ph.D/2503/2/4409, Delhi, dated 17th February, 2016.

46. Evaluated the thesis entitled "Design and synthesis of novel.....vaccine." Name of the candidate: Yogesh Kumar Verma, belonging to Osmania university, Hyderabad. Ref. no: 121500103/Ph.D/Exams/2016. Dated 21/01/2016
47. Evaluated the thesis entitled "Design and synthesis of Novel Galactosylceramide Analogs as Immunomodulators and Development of Synthetic Peptide Vaccine" Name of the candidate: Yogesh Kumar Verma, Name of Supervisor: HM Sampath Kumar, Osmania University. Ref no:121500103/Ph.D/Exam/2015 dated 31.12.2015.
48. Evaluated the thesis entitled "Gold(I)-Catalyzed Double Addition Of Bis-Nucleophiles On To Alkynes For The Synthesis Of Nitrogen Containing Heterocycles". Name of the candidate: Ms. G V V Lakshmi Pediredla, belonging to Jawaharlal Nehru Technological University Hyderabad, Kukatpally, Hyderabad-500 085, Telangana (India). Letter No. P7/Ph.D./14318/12-04/GVVLP/CHE/2014 dated 31.10.2015.
49. Evaluated the thesis entitled "Synthesis of triazole/isoxazole functionalized trifluoromethyl substituted quinolones, pyridines, their bioevaluation and development of new synthetic methodologies" Name of the candidate : K. RAJU, registration no. 10CC11J18062, ACSIR –IICT -CSIR-Indian Institute of Chemical Technology, Hyderabad; Name of the guide : Dr. P. SHANTHAN RAO, Chief Scientist, CSIR-IICT, Hyderabad. Co-ordinator ACSIR, letter no. AcSIR/GNS?PhD/CS03-15 dated, 20.8.2015.
50. Evaluated the thesis entitled "Heterogeneous Transition Metal Catalysts For C-C And C-N Bond Forming Reactions". Name of the candidate: Mr. Nagaraju Mittapelly, belonging to Jawaharlal Nehru Technological University Hyderabad, Kukatpally, Hyderabad-500 085, Telungana (India). Letter No. P7/Ph.D./1484/03-09/NM/CHE/2014 dated: 18.08.2015.
51. Evaluated the thesis entitled "A Practical Synthesis OfCyanolide A." Submitted By Ms.Ch.Chandravathi, Ref.No.051400090/Ph.D/Exams/2015, Dated 08.07.2015
52. Evaluated the thesis entitled "Stereoselective Total Synthesis Of The Natural Oxylin (6r, 7e, 9r, 10s)-6,9,10-Trihydroxyoctadeca-7-Enoic Acid And Transition Metal Catalyzed Transformation Of Heteroarenes Through C-C And C-N Bond Coupling Reaction". Name of the candidate: Mr.N. Salvanna, belonging to Kaktiya University, Waranga-506009. Letter No. 5177/E1/Ph.D./KU/2015 dated 6.6.2015.
53. Evaluated the thesis entitled "Total synthesis of Paecilomycin.....Cochliomycin C." Name of the candidate: Mr. Mahankali. B, belonging to Osmania university, Hyderabad. Ref.no 031500039/Ph.D/Exams/2015. Dated 03/06/2015.
54. Evaluated the thesis entitled "synthetic studies towards Ieodoglucomidesfondaparinux and acid-catalyzed alkylation of oxindoles and hydrazones" candidate name : Mr.Jithender

Enukoda, Guide Name: Dr.ChRaji Reddy, belonging IICT. Hyderabad. HT No: 1003PH0442. Date:02-06-2015.

55. Evaluated the thesis entitled “Eco-Friendly Modification of Cellulosic Material With Oxide Nanoparticles and Natural Extracts for Enhanced Antimicrobial Activity” Name of the candidate: K. Ramanujam, Rc.A5/Ph.D/0560/2015, Department of Industrial chemistry, Alagappa University, Karaikudi-630003. Name of the Guide: Dr. M. Sunthararajan, Date-21.05.2015.(NOT FOUND)
56. Evaluated the thesis entitled “Total Syntheses Of Dgdp, 2,4,-Diepi-Polyoxamic Acid, (2r,3s)-2-Amino-3,4-Dihydroxybutyric Acid And (3s,4s,5r)-Trihydroxyazepane From Diacetone-D-Glucose”. Name of the candidate: Nikhil Kumar U, belonging to Kakatiya University, Warangal-506 009. Letter No. 5080/E1/Ph.D./KU/2015 dated 18.5.2015.
57. Evaluated the thesis entitled “Synthesis And Biological Evaluation Of Aminostilbene, Phenstatin, Isocombretastatin, Imidazopyrimidine And Isoxazole Conjugates Astubulin Polymerization Inhibitors”. Name of the candidate: Bharath Kumar Gajela, belonging to Kakatiya University, Waranga-1506 009. Letter No. 5067/E1/Ph.D./KU/2015, dated: 18.05.2015.
58. Evaluated the thesis entitled ”Eco Friendly Modification of Cellulosic Material with Metal Oxide Nanoparticles and Natural Extracts for Exchanged Antimicrobial Activity”.at Alagappa University,Karaikudi-630003,Ref.No.Rc.A5/Ph.D/0560/2015. Dated,15.05.2015.
59. Evaluated the thesis entitled is Submitted By Mr. M. Suri Appa Rao, belonging to Sri Venkateswara University, Tirupati-517502. Ref.No.B7(2) /Ph.D/ CHEMISTRY/10/2015. Dated 04.06.2015.
60. Evaluated the thesis entitled “Stereoselective total synthesis of Dendrodolides, (11R,13R) – Koshikalide and (5R,7S) – kurzilactone.” Name of the candidate: Karthik. P, belonging to Kakatiya university, Warangal. Ref.no 4064/E1/Ph.D/KU/2015.
61. Evaluated thesis entitled “Activation of Imides Carbonyl Group by Bronsted Acid/Lewis acid Synthesis of Tetrahydro-B-carboline Derivatives and Related Alkaloids” Name of the candidate: Mr. S. Mangalraj-----, Guide name : Dr. C. R. Ramanathan, belonging to Department of Chemistry, Pondicherry University, Controller of Examination Ref. No: PU/CE/E9/PHD/2014-15 dated 06.4.15
62. Evaluated the thesis entitled “Synthesis spectral correlation and biological activities of some aryl imine. Candidate name: Mr.Mayavel. Guide name: Dr .G. Thirunarayanan belonging to Department of Chemistry, Annamalai University, Annamalai Nagar. Ref, controller of examination letter No: A4/2015 dated: 18-03-2015.
63. Evaluated the thesis entitled “Mass Spectrometric Studies of Unnatural Amino Acid Hybrid Peptides and Non – Covalent Interactions of Small Molecules With G-Quadruplex DNA”.

Name of the candidate: Mr.Raju Gajjela, belonging to Jawaharlal Nehru Technological University Hyderabad, Kukatpally, Hyderabad-500 085, Telungana (India). Letter No. P7/Ph.D./13205/12-25/RG/CHE/2013. Dated 27.02.2015

64. Evaluated the thesis entitled “BIOACTIVE LIMONOIDS FROM SOYMIDA FEBRIFUGA AND AZADIRACHTA INDICA: ISOATION, SYNTHETIC AND BIOLOGICA ACTIVITY STUDIES.” Name of the candidate: Ashok Yadav Potharaju, belonging to Kakatiya University, Warangal-506009. Letter No. 2850/E1/Ph.D./KU/2015 dated 27.01.2015.
65. Evaluated the thesis entitled “Bioactive Limonids From Soymid Febrifuga &Azadiracha Indica: Isolation, Synthetic and Biological Activity Studies” Submitted By Mr.Ashok Yadav Potharaju, Kakatiya University, Ref.No:2792/Ei/Ph.D/Ku/2015, Dated 05.01.2015.
66. Evaluated the thesis entitled “ Studies on synthesis of novel pyrazole derivatives and evaluation of their biological activity.” Name of the candidate: Mr. Bhavana Rushi Sangepu, belonging to AcSIR. Ref.no AcSIR/NVS/Ph.D/CS14-09. Dated 18/12/2014.
67. Evaluated the thesis entitled “ Mass spectrometric studies of unnatural amino acid hybrid peptides and non – covalent interaction of small molecules with G-Quadruplex DNA.” Name of the candidate: Mr. Raju Gajjela, belonging to Jawaharlal Nehru technological university, Hyderabad. D.O.Lr.No:P7/PH.D/13205/12-25-RG/CHE/2013. Dated 03/12/2014
68. Evaluated the thesis entitled “synthesis characterization and antimicrobial evaluation of some novel 3-alkyl-2,6-diphenylpiperidin-4-one oxime derivatives.” Name of the candidate: Mr. R. Sivakumar, belonging to Annamalai university. Ref.no A4/2014. Dated 25/11/2014.
69. Evaluated the thesis entitled “synthesis of novel building..... As anticancer agents.” Name of the candidate: Bandi Yadagiri, belonging to Osmania University. Ref.no:101400019/PH.D/Exams/2014. Dated 05/11/2014
70. Evaluated the thesis entitled “Total synthesis ofArthrotrisin A.” Name of the candidate: R. Naveen kumar, belonging to Osmania University. Ref.no:091400107/PH.D/Exams/2014. Dated 05/11/2014
71. Evaluated the thesis entitled “development and validation.....medicinal plants” Name of the candidate: Bokka ramesh, belonging to Osmania University. Ref.no 091400033/PH.D/Exams/2014 dated 20/10/2014
72. Evaluated the thesis entitled “SYNTHESIS OF NOVEL BUILDINGAS ANTI CANCER AGENTS”. Name of the candidate: BandiYadagiri, belonging to Osmania University, Hyderabad-500 007. Ref no. 101400019/Ph.D./Exams/2014. Dated 17.10.2014.
73. Evaluated The Thesis Entitled Stereoselective Total Synthesis Of Bioactive Lactones: (-)-Cleistenolide, Pectinolides A, C, H And (6*s*)-6-[(2*r*)-2-Hydroxy-6-Phenylhexyl]-5,6-

Dihydro-2*h*-Pyran-2-One, Name Of The Candidate: RAMESH SAUDAGAR GHOGARE, Registration No. 10CC12A18010 Name Of The Laboratory: CSIR-Indian Institute Of Chemical Technology, Hyderabad-500 007, Faculty:Dr. A. VENKAT NARSAIAH, Reference Letter No: Acsir/NVS/Phd/CS14-12. Dated: October 16, 2014.

74. Evaluated the thesis entitled "TOTAL SYNTHESIS OFARTHROBOTRISINS A." Name of the candidate: Rayala Naveen Kumar, belonging to Osmania University, Hyderabad-500 007. Ref no. 091400107/Ph.D./Exams/2014. Dated 9.10.2014.
75. Evaluated the thesis entitled "TOWARDS SYNTHESIS OF RADICAMINE-B.....INHIBITORS". Name of the candidate: P. Mallesham, belonging to Osmania University, Hyderabad-500 007. Ref no. 071400083/Ph.D./Exams/2014. Dated 9.10.2014.
76. Evaluated the thesis entitled "Heterogeneous Transition Metal Catalysts For C-C And C-N Bond Forming Reactions".Submitted By Mr.Nagaraju Mittapelly,Ref.No.D.O.Lr. No. P7/Ph.D/ 1484/03-09/NM/CHE/2014, Dated 08.10.2014.
77. Evaluated the thesis entitled "Studies Towards the synthesis ofZeaenol." Name of the Candidate: Mr.G. Saidachary, Guide Name: Dr. B. ChinnaRaju, belonging to Natural Products Chemistry Laboratory, IICT-Hyderabad, Osmania University. Letter No: 081400055/Ph.D/Exams/2014. Dated: 18 Sep, 2014
78. Evaluated the thesis entitled "Synthesis, Correlation analysis of Hammett Substituent Constants and Biological Activities of Some α , β -Unsaturated Ketones. Submitted by Ms.V. Mala, Ref. No. TVU/COE/Ph.D/Viva-Voce Examination/2014/497, Dated 16.09.14.
79. Evaluated the thesis entitled "Towards Synthesis of Radicamine-B, Hyacinthacine A₂, Galanthamine and Oxindole analogues as GSK-3 β inhibitors" Name of the Candidate: Mr.P. Mallesham, Guide Name: S. Chandrasekar (check if the guide name is correct), belonging to IICT-Osmania University. Letter No: 071400083/Ph.D/Exams/2014. Dated: 13 Sep, 2014.
80. Evaluated the thesis entitled "Development and validation of New Analytical methods for Standardisation of Active Ingredients in Pharmaceutical and medicinal Plants" Name of the Candidate: Mr.Bokka Ramesh, Guide name Suresh Babu, belonging to Analytical Chemistry Division, CSIR-IICT- Osmania University, Hyderabad. Letter No: 091400033/Ph.D/Exams/2014. Dated: 13 Sep, 2014.
81. Evaluated the thesis entitled "Synthesis and Characterization of fac-Re (CO)₃ Based Dinuclear and hexanuclearSupramolecular Coordination Complexes." Name of the Candidate: Mr.Deepak Guptha, belonging to Department of Chemistry, University of Delhi. Research Guide. Dr. M. Sathiyendiran.Ref. No: Exam.IV/Ph.D/1970/2 Delhi,the 1st Sep, 2014.

82. Evaluated the thesis entitled "Studies Towards The Synthesis OfSteroisomer Of Zeaenol." Submitted By Mr.G.Saidachary, Ref.No.081400055/Ph.D/Exams/2014, Dated 25.08.2014.
83. Evaluated the thesis entitled "synthesis and characterization of fac-Re(CO)₃ based dinuclear, tetranuclear and hexanuclear supramolecular coordination complexes." Name of the candidate: Mr. Deepak Gupta, belonging to university of Delhi. Ref.no: EX.9.2/PH.D/GVR/2005-06. Dated 06/08/2014
84. Evaluated the thesis entitled "Studies on Synthesis of Novel Pyrazole Derivatives and Evaluation of their Biological Activity." Name of the Candidate: Mr.BhavanaRushiSangepu, belonging to Academy of Scientific and Innovative Research-CSIR-Central Road Research Institute, New Delhi. Letter No: AcSIR/NVS/PhD/CS14-09. Dated: July 09, 2014.
85. Evaluated the thesis entitled "Studies on karanjan and its derivatives." Name of the Candidate: Ms.RadhaSathyavaniSusarla, belonging to JNTU, Hyderabad, Letter No: D.O.Lr.No: P7/PH.D/1496/03-21/RSS/CHE/2014. Dated: June 13, 2014.
86. Evaluated the thesis entitled "Synthesis, Spectral Characterization, In Vitro Biological Evaluation and in Silico Molecular Docking Studies of some Novel Heterocyclic Compounds." Name of the Candidate: Ms.B. Chellakili, belonging to Annamalai University, Tamilnadu. Controller of Examination Ref.No: A4/2014. Dated: 22.05.2014.
87. Evaluated the thesis entitled "Synthesis Characterization, Pharmacological and Physicochemical properties of Sydnone Derivatives by Ultrasonic Irradiation Method" Candidate Name: Guide name: Dr. N. Shanthi, Associate Professor, Govt. Arts college, C.Mutlur, Chidhambaram, ManonmaianSundaranar University, Tirunelveli. Ref. No. Assistant registrar, Research Confidential Section VC's Secretariat Lr. No. MSU/Ph.D/Eval/Reg.No.3607 dated 19.05.14, file no. A-201505.
88. Evaluated the thesis entitled "Design, Synthesis and Biological.....Heterocycles." Name of the Candidate: Mr./Ms.Venkateswara RaoRayudu, belonging to Osmania University, Hyderabad. Ref.No: 021400081/Ph.D/Exams/2014. Dated: 13.05. 2014.
89. Evaluated the thesis entitled Evaluated thesis "Synthesis of Novel 1H-Imidazole Derivatives" Name of the Research Scholar: kumara Swamy Udutha, Name of the Research Supervisor: Dr. U. Vipalava Prasad and Dr. H. Rama Mohan, Chemistry, Andhra University, Vishakapatnam-530003, Ref: Dean Academic affairs letter no. T(2)/7387/2014 dated 23.4.14.
90. Evaluated the thesis entitled "Synthesis of New α -amino acids, β -peptides, γ -boronated unsaturated amino esters and their derivatives." Name of the Candidate: T. Sridhar, Name of the Research supervisor: Dr. G. V. M. Sharma, belonging to Acharya Nagarjuna University, Guntur, AP., India. Ref.No: ANU/RC/Ph.D/TS/1097/March, 2014. Dated: 01.04. 2014.

91. Evaluated the thesis entitled "Synthetic Studies towards leodoglucomides, Fondaparinux Sodium and Acid-Catalyzed Alkylation of Oxiindoles&Hydrazones." Name of the Candidate: Mr.Jithender Erukonda, belonging to JNTU, Hyderabad, Letter No: D.O.Lr.No: P7/PH.D/13204/12-24/JE/CHE/2013. Dated: March 27, 2014.
92. Evaluated the thesis entitled The First StereoSelective Total Synthesis of A Macrolides: Balticolid and Z-isomer of Nonenolide, (6S,7R,9R)-6,7-Dihydroxy-9-Propylnon-4-Eno-9-Lactone via RCM Protocol: Total Synthesis of Nicotlactone A via Acid Catalysed Intramolecular Lactonization and Phomonol via Oxa-Michael Approach: SUNCHU PRABHAKAR, belonging to Division of Organic Biomolecular Chemistry, Indian Institute of Chemical Technology, Hyderabad, Submitted to Kakatiya University, AP, Research guide Dr. P. Radhakrishna, Letter No.: 1884/E1/Ph.D/KU/2014, Dated: 15.03.2014.
93. Evaluated the thesis entitled "Total synthesis of cyclodepsipeptides and development of novel synthetic methodologies employing Prinsbicyclizationstratery" HARISH KUMAR, belonging to Division of Natural Product Chemistry, Indian Institute of Chemical Technology, Hyderabad, Submitted to Academy of Scientific & Innovative Research, Research guide Dr. B. V. Subba Reddy, Letter No: AcSIR/NVS/PhD14-02, Dated: 28.02.2014.
94. Evaluated the thesis entitled "New Chemical Entities Based on Nitrogen Containing Privileged Heterocycles as Potential Chemotherapeutic Agents" Name of the Candidate: SYED MOHAMMED ALI HUSSAINI, belonging to Medicinal Chemistry and Pharmacology Division, Indian Institute of Chemical Technology, Hyderabad, Submitted to Osmania University, AP, Research guide Dr. AHMED KAMAL, Letter No.: 121300101/Ph.D/Exams/2014, Dated: 25.01.2014.
95. Evaluated the thesis entitled "Synthesis, Characterization and Antimicrobial Evaluation of Some Novel 3-Alkyl-2, 6-diphenylpiperidin-4-one oxime Derivatives." Name of the Candidate: R. Sivakumar, name of Research Supervisor; thanikachalam- belonging to Dept. of Chemistry, Annamalai University, Tamilnadu. Controller of Examination Ref. No. A4/2014, Dated: 20.01.2014.
96. Evaluated the thesis entitled "Syntheses, Characterization and Biological Evaluation Of Some Heterocycles and Hetrocyclic Steroidal Analouges".at Manonmaniam Sundaranar University, Trinelveili-627012.Ref.No.MSU/RES/R3/Offer/Reg.No:3028, Dated 25.11.2013.
97. Evaluated the thesis entitled "synthesis characterization and antimicrobial studies of some novel heterocyclic compounds." Name of the candidate: Mr. G. Shanmugam, belonging to Annamalai university. Ref.no:A4/2013. Dated 01/10/2013.
98. Evaluated the thesis entitled "Synthesis, Biological Activities and Spectral Studies of Some Aryl α,β -unsaturated Ketones." Name of the Candidate: S. VIJAYAKUMAR, name of

Research Supervisor; -----belonging to Dept. of Chemistry, Govt. Arts College, C. Mutlur, Chidambaram, Tamilnadu. Thesis submitted to Annamalai University. Letter No: RES/Ph.D/Eval/Reg No: 4610, Dated. 16.9.2013.

99. Evaluated the thesis entitled "Stereo Selective Synthesis of Naturally Occuring Lactones Stagonolide-A, Putaminoxin (+)-Harzialactone A and Related Novel Synthetic Methods: S. JHANSI, belonging to Division of Organic Bio-molecular Chemistry, Indian Institute of Chemical Technology, Hyderabad, Submitted to Acharya Nagarjuna University, AP, Research guide Dr. K. Nagiah, Controller of Examination letter No.: ANU/RC/Ph.D/Chemistry/SJ/910/July 2013, Dated 10.08.2013.
100. Evaluated the thesis entitled "VIBRATIONAL SPECTROSCOPIC AND DENSITY FUNCTIONAL THEORETICAL (DFT) ANALYSIS OF SOME SELECTIVE HETEROCYCLIC MOLECULES AND THEIR SURFACE COMPLEX MODELS". Name of the candidate: Mr. S. K. Thabasumsheerin, belonging to Annamalai University, Annamalainagar, Tamil Nadu, India. Ref no. A4/2013. Dated 7.08.2013.
101. Evaluated the thesis entitled "Synthesis of / -peptides, and Synthesis of α/β -peptides, β -peptides and synthesis of C1-C12, C13-C21 fragments of Attenol A and B", Name of the Candidate: THOTA ANUPAMA YADAV, Name of Guide: Dr. G. V. M. Sharma, Ref. No.: The COE letter No.: 041300022/Ph.D/Exams/2013. Dated 17.06.2013.
102. Evaluated the thesis entitled "Studies on the.....Oxazine" Name of the Candidate: G. Lalitha, belonging to Osmania University, Hyderabad. Controller of Examination letter No.: 021300012/Ph.D/Exams/2013.Dated: 15.04.2013.
103. Evaluated the thesis entitled "SYNTHESIS, SELF ASSEMBLY AND OPTICAL PROPERTIES OF HIGHLY FLUORESCENT PERYLENE DIIMIDES". Name of the candidate: Mr. G. Boobalan, belonging to Anamalai University, Annamalai Nagar-608 002. Letter No. A4/2013, Dated 21.03.2013.
104. Evaluated the thesis entitled "Study of methodologies Towards Eco-Friendly Organic Synthesis". Name of the Candidate: S.Ramesh Kumar, belonging to Department of Chemistry, University College for Women, Osmania University, Hyderabad, Research guide Dr. P. Leelavathi, Koti, HOD, Associate Professor, Osmania University, Ref No: Addl. COE, Ir. No.011300162/PhD/Exams/2013 dated 11/02/2013.
105. Evaluated the thesis entitled "Synthesis of oxadiazole and Pyrimidone Analogues for their Biological Applications" belonging to University of Mysore, Karnataka. Registrar Evaluation .D.O.No.EX.9.2/Ph.D/HDG/2009-10. dated 23/01/2013.
106. Evaluated the thesis entitled "Synthesis and biological activities of New Coumarin and Benzimidazole Derivatives" Name of the Candidate: J. AshokKumar, belonging to Indian Institute of Chemical technology, Osmania University, Hyderabad, Research guide

Dr.Chinnaraju, Addl. Controller of Examination letter No.: 011300147/PhD/Exams/2013 dated 22/01/2013.

107. Evaluated the thesis entitled "Stereo selective Total Synthesis of natural products Stagnolide-C, (+)-(3R,5R)-3-Hydroxy-5-decanolide, Towards verbalactone and synthesis of Novel cisfusedchromenoheterocycles and assessment of their biological activity" Candidate : Mr.Venkatesham A belonging to Indian Institute of Chemical Technology Department of Chemistry, Hyderabad, Submitted to Kakatiya University, Warangal, AP, Research guide Dr. J. S. Yadav. Controller of Examination letter No.: 1077/Ph.D/Exams/E1/KUW/201, Dated: 26.09.2012.
108. Evaluated the thesis entitled "Synthesis, Self-assembly and optical properties of highly fluorescent perylenediimides" Candidate : Mr.G.BOOPALAN belonging to Department of Chemistry, Annamalai University, Annamalai Nagar 608002, Research guide Prof.Nagarajan. Controller of Examination letter No.: A4/2012, Dated: 13.09.2012.
109. Evaluated the thesis entitled "Total Synthesis of.....Methodologies...."Name of the Candidate: Mr/Ms. B. Chennakesava Reddy, belonging to Osmania University, Hyderabad. Controller of Examination letter No.: 2206/Ph.D/Exams/2012, Dated: 18.04.2012.
110. Evaluated the thesis entitled "Total Synthesis of.....Obolactone...."Name of the Candidate: Mr/Ms.VenkateshwarluPaparaju, belonging to OsmaniaUniversity, Hyderabad. Controller of Examination letter No.: 2219/Ph.D/Exams/2011, Dated: 28.03.2012.
111. Evaluated Ph.D thesis, Name of the candidate: YerragoralaGopalarao, "Studies Toward the synthesis of Amphidinol 3 and Xestodecalactone C, Developemnt of Novel Synthetic Medologies From alpha Diazoketones" (Guide: Dr. J. S. Yadav, ICT, Hyderabad), Addl. controller of Examination letter no. : 2158/Ph.D/Exams/2011, Dated: 07.02.2012.
112. Evaluated Name of the Candidate: P. Padmaja, the thesis entitled "Towards the total synthesis of Biuoactive lactone: Elaiophylin, prelactone E, Epi- prelactone V, E, Nonenolides (Z-isomersandStaconolide E" (Guide: Dr.J.S.Yadav, ICT, Hyderabad), Addl. controller of Examination letter No. : 2143/Ph.D/Exams/2011. Dated: 29.12.2011.
113. Evaluated the thesis entitled "Synthesis of the N1-substituted quinolones, substituted pyrazolonepyrimidines as antibacterial agents", Name of the Candidate: Mr NaveenKumar Reddy, (Guide: Hindupur Rama Mohan) belonging to Jawaharlal Nehru Technological University, Hyderabad. Director of Evaluation I/c letter no. : D.O.Lr.No.P7/PH.D/1168/7-10/CNKR/CHE/2011 Dated: 4.11 2011.
114. Evaluated the thesis entitled "Novel approaches for the synthesis.....Latrunculeic acid."Name of the Candidate: Ms.Lakshmi PrapurnaYallapragada, Name of the research supervisor: belonging to Osmania University, Hyderabad. Controller of Examination letter No.: 2088/Ph.D/Exams/2011. Dated: 29.07.2011.

115. Evaluated the thesis entitled "Studies on the Synthetic & Structural aspects of.....Benzazepinones."Name of the Candidate: Mr. /Ms.N.VijayaKumari, Name of the research supervisor: ----- belonging to Osmania University, Hyderabad. Controller of Examination letter no.: 2059/Ph.D/Exams/2011. Dated: 28.05.2011.
116. Evaluated the thesis entitled "Synthesis of (-)-Ovalicin and development of synthetic methodologies in Ionic Liquids" Name of the Candidate: Sri.P.Narayana Reddy, Name of the research supervisor: G.Gnana Mani belonging to Andhra University, Visakhapatnam. Controller of Examination letter no.: T (2)/6523/2009. Dated: 11.05.2010
117. Evaluated the thesis entitled "Studies directed towards the Total synthesis of (-)-dictyostatin and pteridic acid A." Name of the Candidate: Sri. Vemula Rajender belonging to Andhra University, Visakhapatnam, Controller of Examination letter No.: T (2)/6563/2010. Dated: 29-03-2010.
118. Evaluated the thesis entitled "Total Synthesis of (+)-Lycoricidine and Development of New Synthetic Methodologies."Name of the Candidate: G.Satheeshkumar, belonging to AndhraUniversity, Visakhapatnam, Controller of Examination letter No.:T (2)/6516/2009. Dated: 15-03-2010
119. Evaluated the thesis entitled "ZRCL4 IN ORGANIC SYNTHESIS: SYNTHESIS OF α -AMINO-----DESILYLATIONS". Name of the Candidate: Ms.Saritha. M belonging to Kakathiya University, Warangal, Controller of Examination letter No.: 745/E1/KU/2010. Dated: 22-02-2010.
120. Evaluated the thesis entitled "Design and Synthesis of non natural peptides with Helices, turn and super secondary structures" Name of the Candidate: N.ChandraMouli, belonging to Kakathiya University, Warangal, and Controller of Examination letter No.: 670/E1/KU/2010 Dated: 18-02-2010.
121. Evaluated the thesis entitled "Carbohydrate as a substrates for the synthesis of 3,6-anhydro-D-Glucose, Cordycepin and for Diastereometric multicomponent construction of Heterocyclic compounds by use of trimethylsilyl chloride (TMSCl)and Tin(II)Chloride."Name of the Candidate: B. Rajashaker, belonging to Kakathiya University, Warangal. Controller of Examination letter No.:1648/E1/KU/2009. Dated: 16-07-2009.
122. Evaluated the thesis entitled "Studies directed towards-amino acids."Name of the Candidate: Krishna Damera, belonging to Osmania University, Hyderabad. Controller of Examination letter No.: 1685/Ph.D/Exams/2009. Dated: 28-05-2009.
123. Evaluated the thesis entitled "The approach for total synthesis of (+)-Magrastatin& total Synthesis of Ophicerin B & C."Name of the Candidate: P.Naga Lakshmi, Name of the research supervisor: G.V.M .Sharma belonging to IICT, Hyderabad, Osmania University,

Hyderabad. Controller of Examination letter No.: 1677/Ph.D/Exams/2009. Dated: 28-05-2009.

124. Evaluated the thesis entitled "Studies required towards the total synthesis of Dolabelides A&B, Synthesis of Ophiocerins B&D cyclic amine and β -amino acids." Name of the Candidate: Mr./Ms. Krishna Damera, Name of the research supervisor: ----- belonging to Osmania University, Hyderabad. Controller of Examination letter No.: 1685/Ph.D/Exams/2009. Dated: 28-05-2009.
125. Evaluated the thesis entitled "Total Synthesis of (+)-Valienamine..... Baylis-Hilman reaction." Name of the Candidate: P. Srinivas Reddy, Name of the research guide, belonging to Osmania University, Hyderabad. Controller of Examination letter No.: 1617/Ph.D/Exams/2008. Dated: **23-12-2008**.
126. Evaluated the thesis entitled "Synthesis of Biologically Important Hetero Cyclic Compounds", Name of the Candidate: -----, Name of the research Supervisor: ----- belonging to University of Mysore. Controller of Examination letter No.: EX.9.2/Ph.D/GVR/2005-06 dated: **10-10-2008**.
127. Evaluated the thesis entitled "Synthesis of New Carbo β -peptides from β^2 - β^3 Disubstituted β -Amino Acids". Name of the Candidate: Mr. K. Sudhakar Rao, belonging to Kakathiya University, Warangal. Controller of Examination letter No.: 856/E1/KU/2008 dated: 27/08/2008.
128. Evaluated the thesis entitled "Synthesis, spectral analysis, Anti-Microbial and anti cancer activities of Some Novel Hetero Cyclic Compounds" Name of the Candidate: Mr. J. Thanusu, Name of the research Supervisor: Prof. M. Gopalakrishnan, belonging to Department of Chemistry, Annamalai University, Chidambaram. Controller of Examination letter No.: A4/2008. Dated: 06.08.2008.
129. Evaluated the thesis entitled "Synthesis of amino acids, their peptides and chiral tetrahydro furans." Name of the Candidate: N. Yella Reddy, belonging to Osmania University, Hyderabad. Controller of Examination letter No.: 1467/Ph.D/Exams/2008. Dated 20/05/2008.
130. Evaluated the thesis entitled "Total Synthesis of quaternary alkaloid-cotarine: formal synthesis of carbohydrate unit of varitriol and multicomponent construction of novel heterocyclic scaffolds"..... Name of the Candidate A. Satyender, belonging to Osmania University. Controller of Examination letter No.: 1443/Ph.D/Exams/2007, dated 19.12.2007.
131. Evaluated the thesis entitled "Asymmetric Synthesis of (S)-Atenolol, (S)-RO363: Studies..... Novel Synthetic methodologies in Chemistry"..... Name of the Candidate: Mr. A. Venkata Narsaiah, belonging to Osmania University, Hyderabad. Controller of Examination letter No.: 1357/Ph.D/Exams/2007, dated: 29-05-2007.

132. Evaluated the thesis entitled “Synthesis of new disaccharides and novel C-linked carbo-beta-peptides.” Name of the candidate: Smt. Asra Begum, belonging to Kakatiya university, Warangal. Ref.no 194/E1/KU/2007. Dated 17/01/2007.
133. Evaluated the thesis entitled “Synthesis of New Disaccharides and Novel C-Linked Carbo-β-Peptides” Name of the Candidate Asra Begum, belonging to Kakatiya University. Controller of Examination letter No. 4110/E1/KU/2006, dated: 30-12-2006.

Annexure 21b- List of M. Phil Thesis in Chemistry Evaluated

1. M.Phil degree Part –II dissertation evaluation – 2017. Date :09-12-2017. By Controller of examination, Bharathiar University, Coimbatore – 641046.
2. Evaluation of M.Phil answer scripts. By Controller of Examination, Avinashilingam Institute for home science and higher education for women, Coimbatore -641043.
3. M.Phil programme – Semester examinations – March 2017 – valuation of answer scripts. Ref. No. BU/CHEM/2016 – 2017/M.Phil/Exam/Valuation/04-406. Date: 17-04-2017. By School of Chemistry, Bharatidasan University, Tiruchirapali- 620024.
4. M.Phil degree (Part – II) Dissertation evaluation – 2017. Ref. No. COE/M.Phil./2017/001. Date – 07/02/2017. By Controller of Examination, Bharthiar University, Coimbatore -641046.
5. M.Phil II semester examinations Dissertation evaluation / conducting viva-voce. Ref. No. E9/2016-2017. Date: 11/08/2016. By Controller of Examinations, Gandhi gramam rural institute – Deemed University, Dindigul – 624302.
6. M.Phil degree – appointment of examiner for thesis valuation – 2014. Ref. No. A3/M.Phil/2014/307. Date: 05/06/2014. By Controller of Examinations, Annamalai University, Annamalainagar – 608002.
7. M.Phil., thesis evaluation and viva-voce exam. Ref. No. SRC/COE/377/2013. Date: 18-10-2013. By Controller of Examinations, Seethalakshmi Ramaswami College, Tiruchirapalli – 620002.
8. M.Phil II semester examination dissertation evaluation – 2013. Ref. No. E9/698/2013-14. Date: 03/09/2013. By Controller of Examinations, Gandhi gramam rural institute – Deemed University, Dindigul -624302.
9. M.Phil degree May 2011 examinations – valuation of dissertation. Date: 21/10/2011. By Department of Chemistry, Manonmaniam Sundaranar university, Tirunelveli – 12.
10. M.Phil degree – appointed as examiner for thesis valuation – 2011. Ref. No. A3/M.Phil/2011/551. Date: 15/04/2011. By Controller of Examinations, Annamalai University, Annamalainagar -608002.
11. M.Phil degree – appointed as examiner for thesis valuation – 2011. Ref. No. A3/M.Phil/2011/547. Date: 02/03/2011. By Controller of Examinations, Annamalai University, Annamalainagar -608002.

12. M.Phil degree – appointed as examiner for thesis valuation – 2011. Ref. No. A3/M.Phil/2011/544. Date: 10/02/2011. By Controller of Examinations, Annamalai University, Annamalainagar -608002.
13. M.Phil degree (Part II) dissertation evaluation-2010. Ref. No. COE/M.Phil./2010/028. Date: 23/10/2010. By Controller of Examinations, Bharthiar University, Coimbatore-641046.
14. M.Phil Degree appointed as examiner for thesis valuation – 2010. Ref. No. A3/M.Phil/2010/525. Date: 09/07/2010. By Controller of Examinations, Annamalai University, Annamalainagar – 608002.
15. M.Phil Degree Chemistry evaluation of thesis valuation of B. Chellakili. Ref. No. A3/M.Phil/2010/516. Date: 02.04.2010. By controller of examination, Annamalai University, Annamalainagar – 608002.
16. M.Phil degree appointed as examiner for P.G central valuation – 2010. Ref. No. SRC/COE/CV/281/2010. Date: 12/03/2010. By Controller of Examinations, SeethalakshmiRamaswami college, Tiruchirapalli -02
17. M.Phil thesis evaluation and viva-voce examination -2007-2009. Ref. No. SRC/COE/ /2009. Date: 14/10/2009. By Controller of examinations, Seethalakshmiramaswami college, Tiruchirapalli -02.
18. M.Phil thesis evaluation and viva-voce examination -2008-2009. Ref. No. SRC/COE/420 /2009. Date: 14/10/2009. By Controller of examinations, Seethalakshmiramaswami college, Tiruchirapalli -02.
19. M.Phil degree (Part II) dissertation evaluation-2007. Ref. No. COE/M.Phil./2007/005. By Controller of Examinations, Bharthiar University, Coimbatore-641046.
20. M.Phil degree dissertation evaluation-2007. Ref. No. COE/M.Phil./2010/002. By Controller of Examinations, Bharthiar University, Coimbatore-641046.

Annexure 22a - QUESTION PAPER SETTER for PhD level exams

1. Question paper setter to set question papers for the entrance examination for Ph.D – 2019. Ref. No. Entrance / Ph.D / August 2019. Date: 27-06-2019. By Controller of examination, Alagappa University, Karaikudi – 630003.
2. Question paper setter to set question papers for the entrance examination for Ph.D – 2019. Ref. No. COE/CONF-I/Ph.D/Entrane/August 2019. Date:07-06-2019. By Controller of examination, Bharathidasan University, Tiruchirapalli – 620024.
3. Question paper setter to set question papers for the entrance examination for Ph.D – 2018. Ref. No. COE/CONF-I/ Ph.D /Entrance/Sep’ 2018. Date: 23-07-2018. By Controller of examination, Bharathidasan University, Tiruchirapalli – 620024.
4. Question paper setter to set question papers for the written examination for Ph.D degree examination paper -II – 2017. Ref. No. B-VII(3) / Ph.D /2017. Date: 26-07-2017. By Controller of examination, Sri Venkateshwara University, Tirupati.

5. Question paper setter to set question papers for the course work examination for Ph.D -2015. Ref. No. E1/Ph.D/CWEA-CWES/ 2014-2015 Date: 11-06-2015. By Controller of examination, Gandhi Gramam Rural Institute – Deemed University, Dindigul – 624302.
6. Question paper setter to set question papers for the entrance examination for Ph.D degree – Part – I methodology written examination -2014. Ref. No. A4/ 2014 Date: Jan 2014. By Controller of examination, Annamalai University, Annamalainagar- 608002

Annexure 22b - M.Phil QUESTION PAPER SETTER

1. M.Phil degree – II semester examination appointed as question paper setter-2014 . Ref. No. A3/M.Phil/QP/2014. By Controller of Examinations, Annamalai University, Annamalainagar – 608002.
2. M.Phil degree II semester examination appointed as question paper setter – 2013. Ref.No. A3/M.Phil/QP-2/2013. Date: 02/04/2013. By Controller of Examinations, Annamalai University, Annamalainagar – 608002.
3. Appointed as question paper setter for the M.Phil University distance education examinations-2011. Ref. No. A/DE/A3/2011. Date: December 2011. By Controller of Examinations, Annamalai University, Annamalainagar – 608002.
4. Appointed as chairman, board of question paper setters in M.Phil -2010. Ref. No. A/DE/A-3/2010. Date: May 2010. By controller of Examinations, Annamalai University, Annamalainagar -608002.
5. Appointed as question paper setter and examiner for April 2009. Ref. No. SRC/COE/714 /2009. By Controller of examinations, Seethalakshmiramaswami college, Tiruchirapalli -02.

22b. M.Sc and B.Sc QUESTION PAPER SETTER

1. Question paper setter to set question papers for Rajasthan Public Service Commission-2019. Ref. No. F.7(1)Rectt. Secret/Panel updation/2018-19/14-2013. Date: 30/06/2019. By Rajasthan Public Service Commission , Jaipur road, Ajmer-305026.
2. Scrutinizing committee meeting for B.Sc./M.Sc./ M.Phil. chemistry programmes -2018. Ref. No. E9/2018-19. Date: 27/10/2018. By Controller of Examinations, Gandhi gramam rural institute –Deemed university, Dindigul – 624302.
3. Question paper setter to set question papers for the M.Sc Chemistry Examination-2019. Question paper code- 15CHP0419.Date:25.03.2019. By Controller of Examination, Gandhi gramam rural institute –Deemed university, Dindigul – 624302.
4. Question paper setter to set question papers for the semester Examination-2019. Question paper code– 18CHEP0102 organic chemistry-I. Date: 17/09/2018. By Controller of Examinations, Gandhi gramam rural institute –Deemed university, Dindigul – 624302.

5. Appointed as external examiner for M.Tech ., Biotechnology-practical Examinations. Date: 24-04-2018. By School of Biotechnology and Genetic Engineering, Bharathidasan University, Tiruchirapalli – 24.
6. Appointed as examiner for semester practical examinations of PG degree -2018. Ref.No. practicals/chemistry/april/2018. Date: 07/04/2018-09/04/2018. By Controller of Examinations, Jamal Mohamed college, Tiruchirapalli – 20.
7. Internal Examiner for M.Sc. programme semester practical examinations -2017. Ref. No. BU/CHEM/Nov/2017/M.Sc/Exam/Internal Examiner/11. Date: 22/11/2017-23/11/2017. By School of Chemistry, Bharathidasan University, Tiruchirapalli-620024.
8. Question paper setter to set question papers for the III year M.Tech. Biotechnology Examination-2017. Subject - organic chemistry and biopolymer science. Date: 18/11/2017.By School of Biotechnology and Genetic Engineering, Bharathidasan University, Tiruchirapalli – 24.
9. Appointed as member for the question paper board of M.Sc Chemistry Semester Examinations -2017. Ref. No. EXAM-QUESTION BOARD/2017-2018. Date: 26/10/2017. By Controller of Examinations, Gandhi gramam rural institute –Deemed university, Dindigul – 624302.
10. M.Sc. Chemistry Practical Examinations -2017. Ref. No. PG PRACT./533/2017.Date – 16/03/2017&17/03/2017. By Controller of Examinations, Seethalakshmiramaswami college, Tiruchirapalli -620002.
11. Appointed as internal examiner for M.Sc. programme semester practical examinations 2016. Ref. No. BU/CHEM/Nov'2016/M.Sc./Exam/Internal Examiner/11. Date:24/11/2016. By School of Chemistry, Bharathidasan University, Tiruchirapalli – 620024.
12. Appointed as a member of question paper scrutinizing committee for M.Sc.programme 2016. Ref. No. E8/2016-2017. Date: 01/11/2016. By Controller of Examinations, Gandhigramam rural institute –Deemed university, Dindigul – 624302.
13. Appointed as examiner for semester practical examination PG degree -2016. Ref. No. Practical/chemistry/Nov/2016. Date:03/11/2016 & 04/11/2016. By Controller of Examinations, Jamal Mohamed College, Tiruchirapalli -20.
14. Appointed as internal examiner for M.Sc. programme semester practical Examinations 2016. Ref. No. BU/CHEM/Apri'2016/M.Sc./Exam/Internal Examiner/04-576. Date: 04/05/2016. By School of Chemistry, Bharathidasan University, Tiruchirapalli – 620024.
15. Question paper setter to set question papers for the B.Sc/M.Sc. Chemistry Examination-2016. Ref No: III/QP-SETTING/2016/221.Date:04.08.2015. By Controller of Examination, University of Madras,Chepauk, Chennai-600005.
16. Appointed as external examiner for PG degree semester practical examination-2015. Ref. No. Practical/chemistry/Apr'15. Date:12/04/2015 & 13/04/2015. By Controler of Examinations, Jamal Mohamed College, Tiruchirapalli -20.

17. Appointed as examiner for five-year integrated PG programme central valuation -2014. Ref.No. AS/INTE/VAL/2014. Date: 18/12/2014 – 24/12/2014. By Controller of Examinations, Annamalai University, Annamalainagar -608002.
18. Appointed as external examiner for CBCS central valuation-2014. Ref.No. AI/VAL/2014. Date: 17/12/2014 – 21/12/2014. By Controller of Examinations, Annamalai University, Annamalainagar -608002.
19. Appointed as a member of question paper setting board for M.Sc. Chemistry -2014. Ref. No. E8/Exams/2014-2015/510. Date:10/10/2014. By Controller of Examinations, Gandhi rural institute –Deemed University, Dindigul-624302.
20. Appointed as internal examiner for M.Sc. programme Semester Examinations viva-voce examinations -2014. Ref. No. BU/Chem/14/Msc exam/6-674/12-06-14. Date: 23/06/2014. By School of Chemistry, Bharathidasan University, Tiruchirapalli-620024
21. Appointed as examiner for CBCS central valuation -2014. Ref. No. AI-4/VAL/2014. Date: 04/06/2014-10/06/2014. By Controller of Examination, Annamalai University, Annamalainagar -608002.
22. Appointed as examiner for five-year integrated PG programme central valuation -2014. Ref.No. AS/INTE/VAL/2014. Date: 05/06/2014 – 10/06/2014. By Controller of Examinations, Annamalai University, Annamalainagar -608002.
23. Appointed as examiner for five-year integrated PG programme practical examination -2014. Ref.No. AS/INT/PRAC/2014. Date: 21/04/2014 & 22/04/2014. By Controller of Examinations, Annamalai University, Annamalainagar -608002.
24. Appointed as examiner for CBCS central valuation -2013. Ref. No. AI-4/VAL/2013. Date: 17/12/2013-22/12/2013. By Controller of Examination, Annamalai University, Annamalainagar -608002.
25. Appointed as the question paper setter for the M.Sc/M.Tech. Biotechnology examinations-2013. Date: 06/12/2013-19/12/2013. By Department of Biotechnology and Genetic Engineering, Bharathidasan University, Tiruchirapali – 620024.
26. Appointed as external examiner for M.Tech. Biotechnology practical examinations -2013. Date: 28/11/2013. By Department of Biotechnology and Genetic engineering, Bharthidasan University, Tiruchirapalli -620024.
27. Question paper setter to set question papers for five year integrated M.Sc. Chemistry semester examinations - 2013. Ref. No.PU/Chem/HOD/SEM/exams/1418.Date: 22/11/2013. By Department of chemistry, Pondicherry University, Puducherry-605014.
28. Appointed as question setter for M.Tech. Biotechnology examinations- 2013. Date: 12/11/2013. By Department of Biotechnology and Genetic Engineering, Bharthidasan University, Tiruchirappalli – 620024.
29. Appointed as examiner for UG degree semester practical examination 2013. Ref. No. Practical/chemistry/Nov'13. Date: 20/10/2013. By Controller of Examinations, Jamal Mohamed College, Tiruchirapalli-20.

30. Appointed as examiner for PG degree semester practical examination 2013. Ref. No. Practical/chemistry/Nov'13. Date: 21/10/2013. By Controller of Examinations, Jamal Mohamed College, Tiruchirappalli-20.
31. Appointed as examiner for the project viva-voce for M.Sc. students -2013. Date: 14/06/2013. By Department of Chemistry, National Institute of Technology, Tiruchirappalli-620015
32. Appointed as external examiner for the project viva-voce for M.Sc. students -2013. Date: 11/06/2013. By Department of Chemistry, National Institute of Technology, Tiruchirappalli-620015
33. Appointed as examiner for five year integrated PG programme central valuation -2013. Ref.No. A5/INTE/VAL/2013. Date: 04/06/2013 - 10/06/2013. By Controller of Examinations, Annamalai University, Annamalainagar -608002.
34. Appointed as examiner for CBCS central valuation -2013. Ref.No. AI-4/VAL/2013. Date: 05/06/2013 - 10/06/2013. By Controller of Examinations, Annamalai University, Annamalainagar -608002.
35. Appointed as the examiner for M.Sc. programme I semester practical examination -2013. Ref. No. BU/Chem/2013/Msc/Exam/04-535/17-04-2013. Date: 03/05/2013. By School of Chemistry, Bharathidasan University, Tiruchirappalli -620024.
36. Appointed as external examiner for project evaluation and viva-voce -2013. Ref. No. BU/Chem/2013/AI/04-514/08-04-2013. Date: 19/04/2013 & 20/04/2013. By Controller of Examination, Bishop Heber College, Tiruchirappalli -620017.
37. Appointed as examiners for PG degree practical examinations -2013. Ref. No. A/DE/A-1/2013. Date: 10/04/2013 & 11/04/2013. By Controller of Examinations, Annamalai University, Annamalainagar – 608002.
38. Appointed as examiner for PG degree Semester practical examinations-2013. Ref. No. Practical/Chemistry/Apr'13. Date: 05/04/2013 & 06/04/2013. By Controller of Examinations, Jamal Mohamed College, Tiruchirappalli -20.
39. Appointed as external examiner for project evaluation and viva-voce -2013. Date: 08/04/2013 & 09/04/2013. By Controller of Examinations, Bishop Heber College, Tiruchirappalli - 620017.
40. Appointed as examiner in M.Sc. chemistry five year integrated course – degree examination – 2013. Ref. No. A5/INTE/Board/2013. Date: 31/01/2013. By Controller of Examinations, Annamalai University, Annamalainagar – 608002.
41. Appointed as examiner for central valuation -2012. Ref. No. AI-8/2012. Date: 28/12/2012. By Controller of Examinations, Annamalai University, Annamalainagar -608002.
42. Appointed as examiner for PG degree Semester practical examinations-2012. Ref. No. Practical/Chemistry/Nov'12. Date: 07/11/2012 & 08/11/2012. By Controller of Examinations, Jamal Mohamed College, Tiruchirappalli -20.
43. Appointed as examiner for central valuation -2012. Ref. No. A/DE/A-1/2012. Date: 13/09/2012. By Controller of Examinations, Annamalai University, Annamalainagar -608002.

44. Appointed as examiner for II M.Sc chemistry practical examinations – 2012. Ref. No. A/DE/A-2/2012. Date: 10/09/2012 – 15/09/2012. By Controller of Examinations, Annamalai University, Annamalai Nagar -608002.
45. Appointed to prepare question bank for M.Tech.(2012-2013). Ref. No. 5280/E/2008. Date: 16/04/2012. By M.Tech. Question Bank preparation committee, Bharathidasan University, Tiruchirappalli-620024.
46. Appointed as examiner for M.Sc Chemistry (CBCS) practical examinations 2012. Ref.No. MSU/DEPT/Chem/External Examiners/2012.Date: 10/05/2012 & 11/05/2012. By Department of Chemistry, Manonmaniam Sundaranar University, Tirunelveli -627012.
47. Appointed as examiner for PG degree practical examination -2012. Ref. No. Practical/Chemistry/Apr'12. Date: 10/04/2012 - 12/04/2012. By Controller of Examinations, Jamal Mohamed College, Tiruchirappalli – 20.
48. Appointed as Question paper setter for Bsc (Agri) / B.E entrance examinations – 2012. Ref. No. – A/DE-A-2/Entr-exams/2012. Date: May 2012. By Controller of Examinations, Annamalai University, Annamalai Nagar – 608002.
49. Appointed as examiner for practical examinations – 2011. Ref. No. A/DE/A-1/2011. Date: 22/12/2011 – 24/12/2011. By Controller of Examinations, Annamalai University, Annamalai Nagar - 608002
50. Appointed as examiner for CBCS central valuation -2011. Ref. No. AI-4/VAL/2011. Date: 14/12/2011 – 20/12/2011. By Controller of Examinations, Annamalai University, Annamalai Nagar -608002.
51. Appointed as examiners for II M.Sc. chemistry practical Examinations – 2011. Ref. No. A/DE/A1/2011. Date – 28/07/2011 & 29/07/2011. By Controller of Examinations, Annamalai University, Annamalai Nagar -608002.
52. Appointed as examiners for central valuation – 2011. Ref. No. A/DE/ A1/2011. Date – 23/07/2011 - 27/07/2011. By Controller of Examinations, Annamalai University, Annamalai Nagar -608002.
53. Appointed as examiner for CBCS central valuation -2011. Ref. No. AI-4/VAL/2011. Date:01/06/2011 – 07/06/2011. By Controller of Examinations, Annamalai University, Annamalai Nagar -608002.
54. Appointed as question paper setter for annamalai university entrance examinations 2011. Ref. No. A/DE-A-2/ Entr. Exams./2011. Date: May 2011. By Controller of Examinations, Annamalai University, Annamalai Nagar -608002.
55. Appointed as examiner for M.Sc. chemistry practical examinations – 2011.Ref. No. AI-4/PRAC/2011 Date: 16/04/2011 – 21/04/2011. By Controller of Examinations, Annamalai University, Annamalai Nagar -608002.
56. Appointed as examiner for PG degree Semester practical examinations-2012. Ref. No. Practical/Chemistry/Apr'11. Date: 06/04/2011 & 07/04/2011.By Controller of Examinations, Jamal Mohamed College, Tiruchirappalli -20.

57. Appointed as member of board meeting for M.Sc. chemistry - 2011. Ref. No. AI-4/2011. Date: 19/01/2011. By Department of Chemistry, Annamalai University, Annamalainagar - 608002.
58. Appointed as examiners for central valuation – 2010. Date – 09/12/2010 - 10/12/2010. By Controller of Examinations, Annamalai University, Annamalainagar -608002.
59. Appointed as examiner for CBCS central valuation -2010. Ref. No. AI-4/VAL/2010. Date:10/12/2010 – 16/12/2010. By Controller of Examinations, Annamalai University, Annamalainagar -608002.
60. Appointed as examiner for central valuation -2010. Ref. No. 147/CV/INT/EXT/Nov'10. Date: 26/11/2010.By Controller of Examinations, Jamal Mohamed College, Tiruchirappalli -20.
61. Renumerated towards setting work relating to the examinations of May 2010. Ref. no. 2047 IC. Date: May 2010. By controller of examinations, Annamalai university, Annamalai nagar - 608002.
62. Appointed question paper setter for Seethalkshmi ramaswamy college (Autonomous). Ref. No. SRC/CONT. Date: Nov 2010. By controller of examinations, Seethalakshmi ramaswamy college, Tiruchirapalli -620002.
63. Appointed as examiner for CBCS central valuation – MSc chemistry. Ref. No. AI – 4/VAL/2010. Date: 04.06.2010 – 10.06.2010. By controller of examination, Annamalai university, Annamalai nagar -608002.
64. Appointed as examiner for central valuation PG degree semester examination. Ref. No. 170/CV/INT/EXT/April-2010. Date: 05/05/2010. By controller of examination, Jamal Mohamed College, Tiruchirappalli -20.
65. Appointed as external examiner for Periyar University - MSc organic chemistry practicals. Date: 19.04.2010 -21.04.2010. By department of chemistry, Periyar University, Salem- 636011.
66. Appointed as the member of board of examiner for Post Graduate organic chemistry practical examination. Ref. No. PG.PRACT./221/2010.Date: 25.03.2010 -26.03.2010. By controller of examination, Seethalakshmi ramaswamy college, Tiruchirapalli -620002.
67. Appointed as examiner for the I MSc chemistry practical(supplementary) examinations. Ref. No. A/DE/A1/2010. Date: 20/02/2010 & 21/02/2010. By controller of examination, Annamalai university, Annamalai nagar -608002.
68. Appointed as examiner for CBCS central valuation for MSc chemistry of Annamalai University. Ref. No. AI-4/VAL/2009. Date: 21/12/2009. By controller of examination, Annamalai university, Annamalai nagar -608002.
69. Appointed as examiner to evaluate MSc chemistry CBCS organic chemistry answer scripts. Ref. No. MSU/DEPT/CHEM/Panel of examiners/Nov 2009. Date: 3/12/2009. By the Department of chemistry, Manomaniam sundaranar university, Tirunelveli -627012.

70. Appointed as internal examiner for organic chemistry practical. Ref. No. BU/CHEM/Exam/2009/11-1512. Date: 23/11/2009. By School of chemistry, Bharathidasan University, Tiruchirapalli – 24.
71. Appointed as external examiner for the university MSc advanced organic chemistry practicals. Date: 02/11/2009 & 03/11/2009. By the Department of Chemistry, Periyar University, Salem-636011.
72. Appointed as a member of board of examiners in MSc chemistry. Ref. No. A/DE/A1/2009. Date: 03/07/2009. By controller of examination, Annamalai university, Annamalai nagar -608002.
73. Appointed as examiner for CBCS central valuation – MSc chemistry. Ref. No. AI-4/VAL/2009. Date: 11/06/2009 – 15/06/2009. By controller of examination, Annamalai university, Annamalai nagar -608002.
74. Appointed as external examiner of I MSc chemistry practical examination. Ref. No. A/DE/A1/2008. Date: 17/12/2008 & 18/12/2008. By controller of examination, Annamalai university, Annamalai nagar -608002.
75. Appointed as external examiner to conduct the practical examination for II MSc chemistry. Ref. No. ANN.UN/PRAC.EXA. Date: 19/08/2008 & 20/08/2008. By school of chemistry, Bharathidasan university, Tiruchirapalli – 24.
76. Appointed as external examiner – university distance education examinations – central valuation for Msc chemistry. Ref. No. A/DE/A1/2008. Date: 25/08/2008 -31/08/2008. By controller of examination, Annamalai university, Annamalai nagar -608002.
77. Appointed as question paper setter for MSc chemistry. Ref. No. E.B.III. Date: 20/08/2008. By controller of examination, University of Kerala, Trivandrum -695034.
78. Appointed as an external examiner for the organic chemistry practical examination for I MSc chemistry. Ref. No. E2/PG/AP/Nov 2007/PRACT./ Date: 12/04/2007 – 16/04/2007. By controller of examination of Thanthai hans roever college, perambalur -621212.
79. Appointed as an external examiner for organic chemistry practical examination for MSc chemistry. Ref. No. P.G.PRACT./832/2007. Date: 15/03/2007 & 16/03/2007. . By controller of examinations, Seethalakshmi ramaswamy college, Tiruchirapalli -620002.
80. Appointed as an external examiner for the valuation of answer scripts for the B.E./B.Tech. degree examinations. Ref. No. BIT/UG/CBCS/CV/Nov 2006. Date: 20/12/2006 -23/12/2006. By the controller of examination, Bharathidasan institute of technology, Bharthidasan university, Tiruchirapalli – 24.
81. Appointed as an external examiner to conduct organic chemistry practical for MSc chemistry. Ref. No. BU/CHEM/Exam/2006/11-943. Date: 14/12/2006. By School of chemistry, Bharathidasan University, Tiruchirapalli – 24.

Annexure 23a - Administrative and Institutional Responsibilities Contribution to Teaching, Academic Environment, Corporate life within School of Chemistry, Bharathidasan University.

1. Acted as in-charge of 200 MHz NMR instrument during September 2005 - November 2007
2. As a member board of studies, School of chemistry, BDU, Trichy, I attended several passing board meeting and helped in evaluation of papers, project viva-voce examination, question setting, The chair and head letter, BU/CHEM/Exams/2007/12 -1084 dated 28.11.07, BU/CHEM/07/6 -509 dated 22.06.2007, central valuation- BU/CHEM/exam/2006/01.23 dated 09.01.2006, BU/CHEM/2005/12-1170 dated 05.12.2005.
3. Library in-charge, School of chemistry, Bharathidasan University, from 29.08.2006- for next two years. The head and chair letter, BU/CHEM/06/08-647 dated 29.08.2006.
4. Acted as in-charge of 400 MHz NMR instrument effective from 29.05.2013 for two years Sept 2010-2013.
5. M.Sc course coordinator for the academic year 2008-2010 at School of Chemistry, Bharathidasan University, Trichy-24. The head and coordinator, letter BU/CHEM/07/08 dated 02.07.2008.
6. Faculty-in-charge for NMR facility during the absence of Dr. S. Muthusamy (15.5.2009 to 24.07.2009). The Chair and Head, School of chemistry, BDU, Trichy-24 letter no reference dated 23.05.2009.
7. Faculty-in-charge for IR machine from 20.10.2010 for two years (academic year 2008-2010). The Chair and Head, School of chemistry, BDU, Trichy-24 letter, No.Cir./08/10-4 dated 23.10.2009 and No.Cir./09/10- dated 23.10.2009.
8. Arranged industrial visit for M. Sc second year student Trichy distilleries and chemicals, Senthannerpuram, Trichy, 9.00 AM to 3.00 PM on 27.03.2010. The head and chair letter.No BU/CHEM/M.Sc/10.03.474 dated 24.03.10.
9. M. Tech, 6 year integrated course, course coordinator for the period 2010-2012.
10. Member of the committee to help process installation of fume hood at School of Chemistry, Bharathidasan University, under DST-FIST infrastructure grant. Letter dated 20.07.2011.
11. Member SAP Advisory committee, School of chemistry Bharathidasan University, Tiruchirappalli-24, meeting held on 24.02.2009, 05.03.2010, 04.03.2011, 24.2.2012. The chair and head letter BU/CHEM/UGC-SAP (DSA) /09/01-103 dated 28.01.2009, BU/CHEM/UGC-SAP (DSA I) /10/02-188 dated 08.02.2010 and BU/CHEM/UGC-SAP (DSA I) /11/02-179 dated 03.02.11, BU/CHEM/UGC-SAP (DSA I) /12/01-1680 dated 23.01.2012.

12. Member as library stock verification committee, School of Chemistry, Bharathidasan University, Tiruchirappalli – meeting dated. 14.03.2012-15.03.2012, HOD letter no. BU/CHEM/12/Lib/03-2011 A/13.03.2012.
13. Question paper setter to set question papers for the B.Sc Chemistry Examination-2016. Ref No: III/QP-SETTING/2015/221.Date:04.08.2015. by Controller of Examination, University of Madras Chepauk, Chennai-600005.

Annexure 23b - Administrative and Institutional Responsibilities Contribution to Teaching, Academic Environment, Corporate life. Outside School of Chemistry but within Bharathidasan University.

1. Resource Person for personal contact programme classes of Centre for Distance Education, Bharathidasan University, Trichy-23, during Nov 2005 and consecutive years.
2. Worked as a member reception committee 25th annual convocation, Bharathidasan University, Trichy-24, dated 18.11.2008 through the registrar's letter ref. no. 028361/A2/2008 dated 18.11.2008.
3. Participated as member of the flying squad for the April 2010 Bharathidasan University semester examinations, for two days on 11.05.2010 and 20.05.2010 (Ref: The Registrar, Bharathidasan University letter No. COE/Con.II/Fly.Sqd.April/2010/01 dated 19.04.2010).
4. Member Internal quality assurance Cell during the year with effect from 10.11.2008 through vice chancellor Prof.Ponnaivaiko's letter dated 10.11.2008. Subsequent letter by the Director, Internal quality assurance cell, no. IQAC/SOP/60/2011 dated 10.08.2011.
5. Member review committee, Inspection commission, to review availability of infrastructure facilities, qualified teachers and other amenities needed to run the courses offered at Tamilvel Umamaheswaranar Karanthai Arts College, Tanjavur on 20.1.2012. Syndicate resolution no.2011.231 dated 09.11.2011 The registrar BDU letter, Ref.N. 36434/D5/2011/Dated 12.12.2011.