

STAFF PROFILE



1) Name: Dr. N. Muniyappan

2) Designation: Assistant Professor

3) Department: Chemistry

4) Qualifications: M.Sc., Ph.D.

Academic: M.Sc., Ph.D.

Additional: SET.

5) Experience (in years): Teaching:10 Research:13

6) Area of Specialization: Organic Chemistry, General Chemistry

7) Contact: 9943562912 E-mail: nmuniyappan@gmail.com Mobile Number: 9943562912

8) Grants Received (Conference/Workshop/Seminar/any other): Nil

Event Title	Agency	Fund Received	Date

9) Project Completed: Nil

Project Title	Agency	Fund Received	Duration

10) Project ongoing : Nil

Project Title	Agency	Fund Received	Duration

11) Research Guidance:

Programme	No. of Scholars	
	Completed	Pursuing
Ph. D.	1	2
M. Phil.	13	

12) Research Publications:

	International	National
Total Number of Publications	17	---

List of International Publications:

- Murugan Murugapandi, S.SD. Elanchezhiyan, Tae Hwan Oh, Subramaniyan Ramasundaram , N. Muniyappan, Pharmacological applications of metal nanoparticles derived from Caralluma sarkariae species, Process Biochemistry 132 166–179, 2023*

2. Rajendran Karkuzhali, Shanmugasundaram Manoj, Karnan Shanmugapriya, Alam Venugopal Narendra Kumar , Gopalakrishnan Gopu , N. Muniyappan, ByongHun Jeon , Subbaiah Muthu Prabhu, MXene-based O/Se-rich bimetallic nanocomposites for high performance solid-state symmetric supercapacitors, *Journal of Solid State Chemistry*, 2021.
3. *N. Muniyappan and M Pandeewaran, Augustine Amalraj*, Green synthesis of gold nanoparticles using *Curcuma pseudomontana* isolated curcumin: Its characterization, antimicrobial, antioxidant and anti-inflammatory activities, *Environmental Chemistry and Ecotoxicology*, 3, 117-124, 2012.
4. *S Perumal, R Sayee Kannan, S Muthumanickam, A Elangovan, N. Muniyappan, KK Mothilal*, Comparative study of green corrosion inhibition effect on mild steel in different acid medium by Laburnum waterier Vossileaves extract, *Asian Journal of Research in Chemistry*, 11, 253-261, 2018
5. *N. Muniyappan, and Sudha Chella Rethinam*, GC-MS PROFILING OF SHOREA ROBUSTA BARK EXTRACT AND EVALUATION OF ITS ANTIOXIDANT ACTIVITY, *European Journal of Pharmaceutical and Medical Research*, 5, 219, 2018
6. *N. Muniyappan, and M. Sasikala*, IDENTIFICATION OF ACTIVE COMPOUNDS USING GC-MS AND ANTIOXIDANT ACTIVITIES OF HIBISCUS CANNABINUS FLOWERS, *European Journal of Pharmaceutical and Medical Research*, 5, 530, 2018
7. Murugapandi M and Muniyappan N, Biogenic Synthesis, Characterization and Pharmacological Study of Silver Nanoparticles using *Enicostema axillare* Leaves, *International Journal of Pharmacognosy and Chinese Medicine*, 2, 2018.
8. *N. Muniyappan* and Murugapandi Murugan, Bio-Inspired Synthesis of Silver Nanoparticles Using *Sesbania sesban* and their Pharmacological Applications, *Journal of Bionanoscience*, 12, 1–9, 2018.
9. *N. Muniyappan* and Murugapandi Murugan, Pharmacological and Catalytic Activities of Biosynthesized Silver Nanoparticles Using *Cissus rotundifolia* Leaves, *World Journal of Pharmacy and Pharmaceutical Sciences*, 6(12), 2017
10. *N. Muniyappan* and M. Pandeewaran, Chemical Composition of In-vitro anti-oxidant and anti-inflammation activities of essecnital oil from fresh grass of *Cymbopogontra vancorensis*, *International journal of Technical Research and Science*, 1, 372-379, 2017
11. *N. Muniyappan*, S.Perumal, Green loom to corrosion inhibitor of mild steel in acid media by the extract of *Leucas aspera* leaves, *European Journal of Biomedical and Pharmaceutical Sciences*, 1, 9-12, 2017
12. *N. Muniyappan* and Murugapandi Murugan, Phytosynthesis and *in vitro* evaluation of biological activities of Silver Nanoparticles using *Caralluma Sarkariae* root extract, *European Journal of Biomedical and Pharmaceutical Sciences*, 4(10), 614-622, 2017
13. *N. Muniyappan* and N.S. Nagarajan, Green synthesis of gold nanoparticles using *Curcuma pseudomontana* essential oil its biological activity and cytotoxicity against

Human ductal breast carcinoma cells T47D, *Journal of Environmental Chemical Engineering*, 2, 2037-2044, 2014.

14. N. Muniyappan and N.S. Nagarajan, Green synthesis of silver nano particles with *Dalbergia spinosa* leaves and their applications in biological and catalytic activities, *Journal of Process Biochemistry*, 49, 1054-1061, 2014
15. N. Muniyappan and N.S. Nagarajan, Synthesis of Silver Nanoparticles Using *Dalbergia rubiginosa* Root Aqueous Extract, *Journal of Advanced Science, Engineering and Medicine*, 6, 603-607, 2014
16. N. Muniyappan and N.S. Nagarajan, *In vitro* Evaluation of Biological Activities of Silver Nanoparticles Synthesized Using *Dalbergia rostrata* steam bark, *International Journal of Green Nanotechnology*, 2, 1-9, 2014
17. N. Muniyappan and N. S. Nagarajan, Green Synthesis, characterization and biological studies of silver nanoparticles using *Dalbergia sissooides* seeds and ecofriendly reduction of 4-nitrophenol, *International Journal of Biomedical Nanoscience and Nanotechnology*, 3, 262-277, 2014

List of National Publications: Nil

13) Chapters in Books:

N. Muniyappan and N.S. Nagarajan, Green Ultrasonic Assisted Synthesis of silver nanoparticles using Curcuma species and *In vitro* Evaluation of Biological Activity, *Traditional medicine and globalization*, 53, 555-563, 2013

14) Other Publications (Proceedings): 2

1. N. Muniyappan and T. K. Saravanan, Ultrasonication mediated synthesis, characterization, pharmacological and catalytic studies of gold nanoparticles, *International Conference on Research Initiatives in Chemistry for Sustainable Development* (RICS-2019), The Gandhigram Rural Institute, Dindigul, 18th and 19th March 2019. [ISBN 978-93-86712-63-9]
2. N. Muniyappan, K. Latha Mageshkani and T. K. Saravanan, Green synthesis, characterization and pharmacological study of silver nanoparticles using *Cuscuta europaea* extract, *International Conference on Research Initiatives in Chemistry for Sustainable Development* (RICS-2019), The Gandhigram Rural Institute, Dindigul, 18th and 19th March 2019.

15) Books Published: Nil

16) Presentation in Seminar / Conference: 28

International: 14

1. N. Muniyappan, A. Lakshmanan, and N.S.Nagarajan, Microwave assisted synthesis of bioactive silver nanoparticles using aqueous extract of *Pongamia pinnada* roots in

International conference on ICCER-2014, Jamal Mohamed College, Tiruchirappalli, 11-12th March, 2014

2. N. Muniyappan, A. Lakshmanan, C. Umamaheswari and N.S. Nagarajan, Microwave mediated synthesis, characterization, pharmacological and biodegradable studies of gold nanoparticles in International conference on ICCER-2014, Jamal Mohamed College, Tiruchirappalli, 11-12th March, 2014
3. N. Muniyappan and N.S.Nagarajan, M. Jayaraj and B. Veerendra, Synthesis, Characterization and Biological studies of 3-(3,5-bis-trifluoromethyl-phenyl) -7H-[1,2,4] triazole [3,4-*b*] [1,3,4] thiadiazine-6-ylamines in International conference on ICCER-2014, Jamal Mohamed College, Tiruchirappalli, 11-12th March, 2014
4. N. Muniyappan, A. Lakshmanan and N. S. Nagarajan , Synthesis, characterization and biological studies of gold nanoparticles and ecofriendly reduction of 4-nitrophenol in International conference on recent advances in textile and electrochemical sciences (RATES 2013), Karaikudi, 21-23 March 2013. (ISBN: 978-82-920867-5-0)
5. N. Muniyappan, A. Lakshmanan, and N. S. Nagarajan Chemical Composition and *In-vitro* Anti-oxidant activity of Essential Oil from *Ruta graveolens* in International conference on recent advances in textile and electrochemical sciences (RATES 2013), Karaikudi, 21-23 March 2013.
6. N. Muniyappan and N. S. Nagarajan, Synthesis, characterization and pharmacological studies of gold nanoparticles and ecofriendly reduction of 4- nitrophenol in 3rd International Science Congress (ISC-2013) Conference at karunya University, Coimbatore. 8th - 9th December 2013.
7. N. Muniyappan and N. S. Nagarajan, GC-MS Analysis of essential oil of seeds of *Callistemon linearifolius* and its free radical Scavenging activity in *International Conference on Biologically Active Molecules*, 1, 8-10, 2012. (ISBN: 978-93-82062-03-5)
8. N. Muniyappan and N. S. Nagarajan Chemical composition and in vitro antioxidant activity of *Nelumbo nucifera* absolute (white flower) in International Conference on Biologically Active Molecules (ICBAM 2012), Gandhigram Rural Institute, Gandhigram, India, 8-10 March 2012 (ISBN: 978-93-82062-03-5)
9. N. Muniyappan and N. S. Nagarajan, Effect of *Pedalia murex* in dyeing with *Rubia cordifolia* in International Conference on Biologically Active Molecules (ICBAM 2012), Gandhigram Rural Institute, Gandhigram, India, 8-10 March 2012. (ISBN: 978-93-82062-03-5)
10. N. Muniyappan and N. S. Nagarajan, Green Ultrasonic Assisted Synthesis of Silver Nanoparticles Using *Curcuma* Species and *In vitro* Evaluation of Biological Activity

in 12th International Society of Ethnopharmacology” (ISE 2012), Jadavpur University, Kolkata, India. 17-19 Feb 2012.

11. N. Muniyappan and N.S.Nagarajan, Microwave Assisted One Step Green Synthesis Of Silver Nanoparticles Using *Dalbergia Sissoides* in International Conference on Synthetic and Structural Chemistry (ICSSC 2011), Mangalore University, Mangalore, India, 8 - 10 Dec 2011
12. N. Muniyappan and N.S.Nagarajan, Green Ultrasonic assisted template synthesis of Silver nanoparticles using *Dalbergia rubiginosa* root aqueous extract and *in-vitro* evaluation of Anti-inflammatory activity in International Conference on Nano science and Nano Technology (ICNN 2011), CIT, Coimbatore, 6 – 8, July 2011.
13. N. Muniyappan and M. Murugapandi, Green Synthesis, characterization and Pharmacological study of Silver nanoparticles using *Mucuna pruriens* seeds and ecofriendly reduction of 4-nitrophenol, in the *International Conference on Recent developments in Arts, Science Agriculture and Environment (IC – RDASAE)* held in Kuala Lumpur, Malaysia during May 5-8, 2017.
14. N. Muniyappan, *In-vitro* Pharmacological and Catalytic activity of Synthesized Gold Nanoparticles Using *Cassia auriculata* flowers aqueous extract, Third international conference on Recent trends in science, technology, education and environmental studies (ICSTEE-2019), @ Bangkok, Thailand, Saraswathi Narayanan College, Madurai-22, 29-30 April 2019.

National: 14

1. N. Muniyappan, A. Lakshmanan, and N. S. Nagarajan Synthesis, characterization and pharmacological studies of gold nanoparticles and eco-friendly reduction of 4-nitrophenol in National conference on Advances in Synthetic and Materials Chemistry (NCASMC-2014), University of Mumbai, Mumbai. 10-11 March 2014.
2. N. Muniyappan, Pharmacological study on synthesis of Gold Nanoparticles Using *Mimosa pudica* root aqueous extracts, *National conference on recent trends in solar energy and nanomedicine* (SENS)-2019, G.T.N. Arts College, Dindigul, March 8 2019
3. N. Muniyappan, A. Lakshmanan and N. S. Nagarajan Chemical composition of Essential oil and the solvent extract of *Curcuma pseudomondana* rhizomes and *In vitro* Evaluation of antioxidant and anti-inflammatory activities in National Conference on New Vistas and Challenges in Chemistry at Sathyabama University on Jan' 23-25, 2013. (ISBN: 978-81-922119-7-8)
4. N. Muniyappan and N. S. Nagarajan Chemical Composition of the Essential oil and Anti corrosion study of Ethanolic extract of *Clausena Dentata* in Mild steel in Acid

- media in National Conference on Recent Advances in Surface Science (RASS-2013), Gandhigram Rural Institute, Gandhigram, India, 14-15 Feb, 2013. (ISBN: 978-93-82338-36-9)
5. N. Muniyappan and N.S.Nagarajan, *In-vitro* evaluation of Biological activities silver nanoparticles synthesized by using *Dalbergia rostrata* stem in National Seminar on Recent Trends in Synthetic Methods and Chemistry of Natural Products (SMNP-2011), Annamalai Nagar, 14 – 15, Oct 2011.
 6. N. Muniyappan and N. S. Nagarajan, *In-vitro* evaluation of Biological activities silver nanoparticles synthesized by using *Dalbergia rostrata* stem in National Seminar on Recent Trends in Synthetic Methods and Chemistry of Natural Products (SMNP-2011), Annamalai University, Annamalai Nagar, 14 -15, Oct 2011.
 7. N. Muniyappan and N. S. Nagarajan, Inhibitive and Adsorption Properties of Ethanol Extract of *Dalbergia sympathtica* leaves for the Corrosion of Mild Steel in 1N HCl and H₂SO₄ in National Conference on Current Trends in Chemistry NCCTC-10, Bharathiar University, Coimbatore, 2 -3, Dec 2010.
 8. N. Muniyappan, Ultrasonic assisted one step Synthesis of gold nanopaticles using *Curcuma longa* rhizomes and their Pharmacological activity in Golden Jubilee National Seminar Discourses on past, present and Future Scenario on Medicinal plant Conservation in india, Saraswathi Narayanan College, Maduri. 6-7 Mar, 2015.
 9. N. Muniyappan , A. Lakshmanan, and N. S. Nagarajan In vitro antioxidant and anti-inflammatory activities and chemical composition of Essential oil of *Toddalia asiatica* in National Conference on New Vistas and Challenges in Chemistry at Sathyabama University on Jan' 23-25, 2013. (ISBN: 978-81-922119-7-8)
 10. N. Muniyappan and N. S. Nagarajan, Evaluation of Anticorrosion In vitro Antioxidant Activity and Chemical Composition of Essential Oil from *Alseodaphne semecarpifolia* Leaves in XII Tamilnadu Science Congress, Periyar University, Salem, India, 23-25 Aug 2012.
 11. N. Muniyappan, A. Lakshmanan, and N.S. Nagarajan, Chemical Composition and *In-vitro* Antioxidant Activity of Essential Oil from *Atlantia monophylla* Leaves, XI Tamilnadu Science Congress, Gandhigram Rural Institute, Gandhigram, India, 26-27, June 2011.
 12. N. Muniyappan and N.S.Nagarajan, Green Corrosion Inhibitors of *Dalbergia Sympathetica* leaf Ethanolic Extract for Mild Steel in 1N H₂SO₄ and 1N HCl Media in XI Tamilnadu Science Congress, Gandhigram Rural Institute, Gandhigram, India, 26-27, June 2011.

13. N. Muniyappan and N.S.Nagarajan, Evaluation of Anticorrosion, *In vitro* Antioxidant Activity and Chemical Composition of Essential Oil from *Chloroxylon sweitenia* Leaves in XI Tamilnadu Science Congress, Gandhigram Rural Institute, Gandhigram, India, 26-27, June 2011.
14. N. Muniyappan and N. S. Nagarajan Chemical Composition and *In-vitro* Antioxidant Activity of Essential Oil from *Callistemon linearis* Leaves in XI Tamilnadu Science Congress, Gandhigram Rural Institute, Gandhigram, India, 26-27, June 2011.

17) Participation in Conference:

1. N. Muniyappan, B. R. Arunkumar, S. Perumal, Green synthesis of silver nanoparticles using aqueous extract of *thithona diversifolia* and their biomedical applications, International Conference Proceedings on Expanding Frontiers in Chemistry(EFC23), Department of Chemistry, Arul Anandar College, Karumathur, Tamil Nadu, India, 15.02.2023 and 16.02.2023
2. S. Venmani, N. Muniyappan, Seaweed-mediated synthesis of gold nanoparticles using Sargassaceae and their biomedical application, International Conference Proceedings on Expanding Frontiers in Chemistry(EFC23), Department of Chemistry, Arul Anandar College, Karumathur, Tamil Nadu, India, 15.02.2023 and 16.02.2023
3. M. Sankar pandi, N, Muniyappan, K.K. Mothilal, S. Perumal, Evaluation of drinking water quality index (DWQI) and its seasonal variations in ground water aquifers of Madurai District, Tamil Nadu, International Conference Proceedings on Expanding Frontiers in Chemistry(EFC23), Department of Chemistry, Arul Anandar College, Karumathur, Tamil Nadu, India, 15.02.2023 and 16.02.2023
4. N. Muniyappan, S.S. Yogeswaran, One-pot green route synthesis of silver nanoparticles from *Citrullus lanatus* fruit seeds and their antibacterial activities with enterobacteriaceae, International Conference Proceedings on Expanding Frontiers in Chemistry(EFC23), Department of Chemistry, Arul Anandar College, Karumathur, Tamil Nadu, India, 15.02.2023 and 16.02.2023
5. N. Muniyappan, N. Ajith, Plant mediated synthesis of zero-valent iron nanoparticles and its application of antioxidant, and antimicrobial activity, International Conference Proceedings on Expanding Frontiers in Chemistry(EFC23), Department of Chemistry, Arul Anandar College, Karumathur, Tamil Nadu, India, 15.02.2023 and 16.02.2023
6. S. Jeyanthi, N. Muniyappan, Synthesis, antioxidant, anti-inflammatory and antimicrobial activities of some Novel N-substituted Pyrazoline Derivatives Bearing 3-Benzo[b]thiophene and 2-Mercaptobenzimidazole compounds, International

Conference Proceedings on Expanding Frontiers in Chemistry(EFC23), Department of Chemistry, Arul Anandar College, Karumathur, Tamil Nadu, India, 15.02.2023 and 16.02.2023

7. M. Murugapandi, N. Muniyappan, Phytosynthesis of Metal nanoparticles using *Caralluma adscendens* (Roxb.) *R. Brown carinata* for the Applications of Pharmacological Activities, International Conference Proceedings on Expanding Frontiers in Chemistry(EFC23), Department of Chemistry, Arul Anandar College, Karumathur, Tamil Nadu, India, 15.02.2023 and 16.02.2023
8. S.S. Yogeshwaran & N. Muniyappan, BIOLOGICAL STUDIES ON SYNTHESIS AND CHARACTERIZATION OF SILVER NANOPARTICLES USING *ACALYPHA PANICULATA* STEM EXTRACT, International Conference on Advanced Materials and their Applications (ISAMA-2023)” Aditanar College of Arts and Science, Thoothukudi. 25.01. 2023.
9. C. Pandi Muneeswaran & N. Muniyappan, PHARMACOLOGICAL STUDY ON SYNTHESIS OF SILVER NANOPARTICLES USING *MIMOSA PUDICA* FLOWER AQUEOUS EXTRACTS, International Conference on Advanced Materials and their Applications (ISAMA-2023)” Aditanar College of Arts and Science, Thoothukudi. 25.01. 2023.
10. S. Venmani & N. Muniyappan, PHYTOSYNTHESIS OF GOLD NANOPARTICLES, CHARACTERIZATION AND ITS PHARMACOLOGICAL ACTIVITIES OF *THALASSIA HEMPRICHII* LEAVES EXTRACT, International Conference on Advanced Materials and their Applications (ISAMA-2023)” Aditanar College of Arts and Science, Thoothukudi. 25.01. 2023.
11. P. Chellasamy, S. Perumal & N. Muniyappan, Green Synthesis and Characterization of Gold Nanoparticles and their Pharmacological Studies using *Acalypha Paniculata* Leaf Extract, PROCEEDINGS OF INTERNATIONAL CONFERENCE ON FRONTIERS IN CHEMISTRY AND MATERIAL SCIENCE (ICFCMS-21), Department of Chemistry, MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous) Pasumalai, Madurai – 625 004, Tamil Nadu, India, Dec 21 & 22, 2022.
12. J. S. Sri Sunderarajan & N. Muniyappan, Biosynthesis and Characterization of Gold Nanoparticles using *Cassia Auriculata* Leaves and evaluation of its Antioxidant and Anti-Inflammatory Activities, PROCEEDINGS OF INTERNATIONAL CONFERENCE ON FRONTIERS IN CHEMISTRY AND MATERIAL SCIENCE (ICFCMS-21), Department of Chemistry, MANNAR THIRUMALAI NAICKER

COLLEGE (Autonomous) Pasumalai, Madurai – 625 004, Tamil Nadu, India, Dec 21 & 22, 2022.

13. S. Prem & N. Muniyappan, Recent Developments in the Facile Bio-Synthesis of Gold Nanoparticles (AuNPs) and their Biomedical Applications, PROCEEDINGS OF INTERNATIONAL CONFERENCE ON FRONTIERS IN CHEMISTRY AND MATERIAL SCIENCE (ICFCMS-21), Department of Chemistry, MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous) Pasumalai, Madurai – 625 004, Tamil Nadu, India, Dec 21 & 22, 2022.
14. T. Thamaraiselvan & N. Muniyappan Biosynthesis of Gold Nanoparticles using Clitoria Ternatea Aqueous Flower Extract and their Pharmacological Study, PROCEEDINGS OF INTERNATIONAL CONFERENCE ON FRONTIERS IN CHEMISTRY AND MATERIAL SCIENCE (ICFCMS-21), Department of Chemistry, MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous) Pasumalai, Madurai – 625 004, Tamil Nadu, India, Dec 21 & 22, 2022.
15. K. Tamil Selvan & N. Muniyappan, Synthesis of Gold Nanoparticles using Cissus Quadrangularis, Assessments of Antioxidant and Anti-Inflammatory Activities, PROCEEDINGS OF INTERNATIONAL CONFERENCE ON FRONTIERS IN CHEMISTRY AND MATERIAL SCIENCE (ICFCMS-21), Department of Chemistry, MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous) Pasumalai, Madurai – 625 004, Tamil Nadu, India, Dec 21 & 22, 2022.
16. N. Muniyappan, one day virtual International Conference on Emerging Frontiers in Chemistry, Department of Chemistry, Thiagarajar College, Madurai, Tamilnadu, India. held on October 22, 2021
17. N. Muniyappan, National level Conference on Outcome Based Education (OBE) level-II-Assessment & Evaluation, Rathanavel Subramaniam College of Arts & Science, Coimbatore on Feb-15, 2020.
18. N. Muniyappan, 2 days Virtual International conference on "Multifunctional Advanced Materials" (VICMAM-2021), Jnan Vikas Mandal's Degree College, Airoli, Navi Mumbai, Maharashtra – 400 708, India. On 10. 10.2021.
19. N. Muniyappan, International Conference on the web on Scope of Research in Science Post Covid 19, Bharathi Womens College, Chennai on 21. 6. 2020
20. N. Muniyappan, In-vitro Pharmacological and catalytic activity of synthesis gold nanoparticles using cassia auriculata flowers aqueous extract, Third International Conference on Recent Trends in Science, Technology, Education and Enviromental Studies (ICSTEE-2019), organized by the Unit of rural biotechnology, Saraswathi Narayanan College, Madurai, Held at Bangkok, Thailand, April 29-30, 2019.

21. N. Muniyappan, P. Abinash, S. Perumal and P. Renugadevi, Green synthesis of Silver Nanoparticles using Curcuma Longa Oil Extract and their Biological Activities, "Emerging Trends in Chemical Science (ETCS-2020)" organized by the Department of Chemistry, Sacred Heart College of Arts and Science, Dindigul held on 12th March 2020.
22. N. Muniyappan, Pharmacological study on synthesis of Gold Nanoparticles Using *Mimosa pudica* root aqueous extracts, *National conference on recent trends in solar energy and nanomedicine* (SENS)-2019, G.T.N. Arts College, Dindigul, March 8 2019.
23. N. Muniyappan, S.Perumal, *In-vitro* Biological Studies on synthesis and Characterization of Silver nanoparticles Using *Acalypha paniculata* root extract, *National conference on recent trends in solar energy and nanomedicine* (SENS)-2019, G.T.N. Arts College, Dindigul on 2019.
24. N. Muniyappan, P. Abinash, , S. Perumal and P. Renugadevi, "Photosynthesis of Silver Nanoparticles using Senna Auriculata flower extract and their Biological Activities" "International conference on Expanding Frontiers in Chemistry (EFC-19)" organized by the PG Department of Chemistry, Arul Anandar college on 13th September 2019.
25. N. Muniyappan, *In-vitro* Pharmacological and Catalytic activity of Synthesized Gold Nanoparticles Using *Cassia auriculata* flowers aqueous extract, Third international conference on Recent trends in science, technology, education and environmental studied (ICSTEE-2019), @ Bangkok, Thailand, Saraswathi Narayanan College, Madurai-22, 29-30 April 2019.
26. S. Perumal and N. Muniyappan, Pharmacological studies of synthesized Silver nanoparticles and their using *Abutilon Indicum* flowers extract, Third international conference on Recent trends in science, technology, education and environmental studie(ICSTEE-2019), @ Bangkok, Thailand, Saraswathi Narayanan College, Madurai-22, 29-30 April 2019.
27. S. Perumal and N. Muniyappan, K.K. Mothilal, Adsorption and corrosion inhibiting behavior of Black vitex nigundo leaf extracton mild steel corrosion on 1N HCl and 1N H₂SO₄ , Third international conference on Recent trends in science, technology, education and environmental studie(ICSTEE-2019), @ Bangkok, Thailand, Saraswathi Narayanan College, Madurai-22, 29-30 April 2019.
28. S. Perumal and N. Muniyappan, K. K. Mothilal, Inhibition of mild steel corrosion in 1N HCl and 1N H₂SO₄ by leaves extract of Gossypium Herbaceum, Third international conference on Recent trends in science, technology, education and

environmental studie(ICSTEE-2019), @ Bangkok, Thailand, Saraswathi Narayanan College, Madurai-22, 29-30 April 2019.

29. N. Muniyappan, T. K. Saravanan and A. Malathi, Eco-friendly synthesis of Silver Nanoparticles using *Cassia occidentalis* flower extract and their *in vitro* evaluation of pharmacological Activities, *International Conference on Recent Advances in Materials for Energy and Environmental Remediation*” (RAMEER-2018), V.H.N.Senthilkumara Nadar College, Virudhunagar, 28th & 29th June 2018.
30. T.K. Saravanan, N. Muniyappan and A. Malathi, Biosynthesis, Characterization and Catalytic studies of Silver Nanoparticles using *Celosia polygonoides* leaf extract, *International Conference on Energy Materials* (ICEM-2019), Mother Teresa Women’s University, Kodaikanal, 9th January 2019.
31. N. Muniyappan, M. kali kumar and S. Perumal One-pot synthesis and Characterization of silver nanoparticles by using *Leucas aspera* flower and their its catalytic activities, *International Conference on Energy Materials* (ICEM-2019), Mother Teresa Women’s University, Kodaikanal, 9th January 2019.
32. A. Malathi, N. Muniyappan and T. K. Saravanan, Phyto-synthesis, characterization and catalytic studies of silver nanoparticles using *Vallaris solanacea* leaf extract, *International Conference on Energy Materials* (ICEM-2019), Mother Teresa Women’s University, Kodaikanal, 9th January 2019.
33. R. K. Sathish N. Muniyappan S. Perumal and M. Kail kumar , Microwave synthesis and characterization of silver nanoparticles by using *Sargassum siliquastrum* algae and their its catalytic activities, *International Conference on Energy Materials* (ICEM-2019), Mother Teresa Women’s University, Kodaikanal, 9th January 2019.
34. N. Muniyappan, R.K. Sathsh, S. Perumal and M. Kali kumar , Microwave mediated synthesis, characterization, pharmacological and biodegradable studies of silver nanoparticles, *International Conference on Advanced Materials Chemistry at the Interfaces of Energy, Environment and Medicine* (AMCI-2019), Manonmaniam Sundaranar University, Tirunelveli, 30th and 31st January 2019.
35. S. Venmani and N. Muniyappan, Bio-mediated synthesis, characterization, Catalytic and Pharmacological studies of silver and Gold nanoparticles, *International Conference on Nanomedicine* (ICON-2019), Madurai Kamaraj University, Madurai, 25th and 26th February 2019.
36. N. Muniyappan, Kali kumar and Perumal, one-pot synthesis and Characterization of silver nanoparticles by using *Leucas aspera* flower and their its biological

- activities, *International Conference on Nanomedicine* (ICON-2019), Madurai Kamaraj University, Madurai, 25th and 26th February 2019.
37. R. K. Sathish, N. Muniyappan, Kali kumar and Perumal, Microwave synthesis, Characterization and Pharmacological studies of silver nanoparticles by using *Sargassum siliquastrum* algae, *International Conference on Nanomedicine* (ICON-2019), Madurai Kamaraj University, Madurai, 25th and 26th February 2019.
 38. K. Latha Mageshkani, N. Muniyappan and T. K. Saravanan, Green synthesis, characterization and pharmacological study of silver nanoparticles using *Mucuna pruriens* seeds and ecofriendly reduction of 4-nitrophenol, *International Conference on Nanomedicine* (ICON-2019), Madurai Kamaraj University, Madurai, 25th and 26th February 2019.
 39. A. Malathi, N. Muniyappan and T. K. Saravanan, Phyto-synthesis, characterization and pharmacological studies of silver nanoparticles using *Vallaris solanacea* leaf extract, *International Conference on Nanomedicine* (ICON-2019), Madurai Kamaraj University, Madurai, 25th and 26th February 2019.
 40. N. Muniyappan, K. Latha Mageshkani and T. K. Saravanan, Green synthesis, characterization and pharmacological study of silver nanoparticles using *Cuscuta europaea* extract, *International Conference on Research Initiatives in Chemistry for Sustainable Development* (RICS-2019), The Gandhigram Rural Institute, Dindigul, 18th and 19th March 2019.
 41. N. Muniyappan and T. K. Saravanan, Ultrasonication mediated synthesis, characterization, pharmacological and catalytic studies of gold nanoparticles, *International Conference on Research Initiatives in Chemistry for Sustainable Development* (RICS-2019), The Gandhigram Rural Institute, Dindigul, 18th and 19th March 2019. [ISBN 978-93-86712-63-9]
 42. N.Muniyappan, R.K. Sathish, S. Perumal and M. Kali kumak, Microwave synthesis and characterization of silver nanoparticles by using *Sargassum siliquastrum* algae and their its catalytic activites, *International Conference on Energy Materials* (ICEM)-2019, Mother Teresa women's University, Kodaikanal on 9th January 2019.
 43. N. Muniyappan, T.K. Saravanan, A. Malathi, biosynthesis, characterization of silver nanoparticles by using *celosia polygoncides* leaf extract and its catalytic activities, *International Conference on recent advances in materials for energy and environmental remediation* (RAMEER-2018) V.H.N.senthilkumara nadar college, virudhunagar, 28th & 29th june 2018.

44. N. Muniyappan, and Murugapandi Murugan, A green way of silver nanoparticles using *Caralluma Stalagmifera*, characterization and its pharmacological applications, International Conference on recent advances in materials for energy and environmental remediation (RAMEER-2018) V.H.N.senthilkumara nadar college, virudhunagar, 28th&29th june 2018.
45. M. Kalikumar, N. Muniyappan, and Dr. S. Perumal, One-pot synthesis and characterization of silver nanoparticles by using *Leucas aspera* flower and their its catalytic activities, *International Conference on Energy Materials(ICEM)*-2019, Mother Teresa women's University, Kodaikanal on 9th January 2019.
46. N. Muniyappan, M. Kalikumar, S. Perumal and R.K. Sathish, biogenic-synthesis and in vitro evaluation of biological activities of silver nanoparticles synthesized using *elugenia jambolana* , *National conference on recent trends in solar energy and nanomedicine* (SENS)-2019, G.T.N. Arts College, Dindigal on 8th march 2019.
47. N. Muniyappan, R.K.Sathish, S. Perumal and M. Kalikumar, Synthesis and characterization of silver nanoparticles by using *Aegle marmalos* leaves and its Biological activities, *National conference on recent trends in solar energy and nanomedicine* (SENS)-2019, G.T.N. Arts College, Dindigal on 8th march 2019
48. N. Muniyappan, bio-inspired synthesis of gold nanoparticles using *Mimosa pudica* flowers and their pharmacological applications, *National conference on recent trends in solar energy and nanomedicine* (SENS)-2019, G.T.N. Arts College, Dindigal on 8th march 2019.
49. N. Muniyappan and S. Perumal, Green synthesis and characterization of silver nanoparticles and their pharmacological studies using *Acalypha paniculata* leaf, *National conference on recent trends in solar energy and nanomedicine* (SENS)-2019, G.T.N. Arts College, Dindigal on 8th march 2019.
50. N. Muniyappan, K. Latha Mageshkani and T. K. Saravanan, Bio-synthesis, Characterization and Pharmacological studies of gold Nanoparticles, *National conference on recent trends in solar energy and nanomedicine* (SENS)-2019, G.T.N. Arts College, Dindigal on 8th march 2019.
51. N. Muniyappan, S.S. Rooba and P. Kesava Moorthy, Phytosynthesis, characterization and *in vitro* evaluation of biological Activities of Synthesized Silver Nanoparticles using *Dalbergia latifolia*, *International Conference on Modern Trends in Chemistry (MTC-25)* Department of Chemistry, Vivekananda College, Tiruvedakam West, Feb 23-2018

52. N. Muniyappan P. Kesava Moorthy and S.S. Rooba, Bio-inspired Synthesis of Metal Nanoparticles Using *Aegle marmelos* leaves and their pharmacological Applications, *International Conference on Modern Trends in Chemistry (MTC-25)* Department of Chemistry, Vivekananda College, Tiruvedakam West, Feb 23-2018
53. N. Muniyappan S. Perumal, K.K.Mothilal, Bauhinia tomentosa leaves extract as green corrosion inhibitor for mild steel in 1N HCl and 1N H₂SO₄ media, *International Conference on Modern Trends in Chemistry (MTC-25)* Department of Chemistry, Vivekananda College, Tiruvedakam West, Feb 23-2018
54. N. Muniyappan, S. Perumal and K.K.Mothilal, Gossypium Herbaceum leaves extract as an green corrosion inhibitor for mild steel in 1N HCl and 1N H₂SO₄ media, Second International Conference on Recent trends in Arts, Sciences, Enviromental Studies and Sustainability (ICASES-2018) , Saraswathi Narayanan College, Madurai-22, 4-6 may 2018.
55. N. Muniyappan and M. Murugapandi, Plant Extract Mediated Synthesis and Characterization of Silver nanoparticles and their Pharmacological Studies using *Aganosma cymosa*, *International Conference on Modern Trends in Chemistry (MTC-25)* Department of Chemistry, Vivekananda College, Tiruvedakam West, Feb 23-2018
56. N. Muniyappan , K.Latha Mageshkani and M. Murugapandi, Synthesis, characterization and pharmacological study of silver nanoparticels using *Enicostema axillare* leaves, *International Conference on Recent Advances in Chemistry (ICRAC-2018)*, Department of chemistry, Mother Teresa Womens University, Kodaikanal, 19th January 2018.
57. N. Muniyappan , P.Sivanesan and M. Murugapandi, Pharmacological applications of green synthesized silver nanoparticles by *Liociera wightii*, *International Conference on Recent Advances in Chemistry (ICRAC-2018)*, Department of chemistry, Mother Teresa Womens University, Kodaikanal, 19th January 2018.
58. N. Muniyappan and M. Murugapandi, In vitro evaluation of Pharmacological Activities of Silver Nanoparticles synthesized using *Rubia cordifolia*, *International Conference on Recent Advances in Chemistry (ICRAC-2018)*, Department of chemistry, Mother Teresa Womens University, Kodaikanal, 19th January 2018.
59. N. Muniyappan and M. Murugapandi, Green Synthesis, characterization and Pharma cological study of Silver nanoparticles using *Mucuna pruriens* seeds and ecofriendly reduction of 4-nitrophenol, in the *International Conference on Recent developments*

in Arts, Science Agriculture and Environment (IC – RDASAE) held in Kuala Lumpur, Malaysia during May 5-8, 2017.

60. N. Muniyappan and M. Murugapandi, Biogenic synthesis and *In vitro* evaluation of biological Activities of Silver Nanoparticles synthesized using *Dioscorea pentaphylla* rhizome and *In Vitro* evaluation of its biological activities in the *National conference on Biomaterials in Medicinal Chemistry (BMC-2017)* held at School of Chemistry, Madurai Kamarajar University on 12th and 13th April, 2017
61. N. Muniyappan and K. Latha Mageshkani, Bio-inspired Synthesis of Silver Nanoparticles Using *Acorus calamus* rhizomes and their pharmacological Activity in Biomaterials In Medicinal Chemistry (Bmc-2017)” in National Conference held at Madurai Kamarajar University, Madurai on 12th & 13th April 2017.
62. N. Muniyappan and K. Latha Mageshkani, Catalytic reduction of 4-nitrophenol using Gold nanoparticles derived using *Dalbergia Latifolia Stem* in International Conference held at M. Kumarasamy College of Engineering, Karur on 7th April 2017
63. N. Muniyappan and M. Murugapandi, Phytosynthesis and *In vitro* evaluation of biological Activities of Silver Nanoparticles Synthesized using *Caralluma Sarkariae* root in *International Conference on Advances in Materials (AIM-2017)* held at M. Kumarasamy College of Engineering, Karur on 7th April, 2017
64. N. Muniyappan and M. Murugapandi, Green synthesis of Gold nanoparticles using *Curcuma pseudomontana* isolated Curcumin and its biological activity of *in vivo* and *in vitro* methods in *National conference on Recent Advances in the Applications of Macromolecular Materials (RAAMM-2017)* held at Gandhigram Rural Institute-Deemed University, Dindigul during 2nd and 3rd March 2017.
65. N. Muniyappan and M. Pandeewaran, Greensynthesis and Characterization of Silver nanoparticles with *Atlantia monophylla* Essential oil Extraction and Study the Biological Activities in *National conference on Recent Advances in the Applications of Macromolecular Materials (RAAMM-2017)* held at Gandhigram Rural Institute-Deemed University, Dindigul during 2nd and 3rd March 2017.
66. N. Muniyappan and K. Latha Mageshkani, Phytosynthesis, Characterization & Pharmacological study of Silver Nanoparticles in National Conference on Recent Advances in the Applications of Macromolecular Materials (RAAMM-2017) held at Gandhigram Rural Institute – Deemed University on 2nd and 3rd March 2017
67. N. Muniyappan and M. Murugapandi, Chemical Composition and *in-vitro* Antioxidant and Anti-inflammatory activities of essential oil from fresh grass of

- Cymbopogon travancorensis* in *National Symposium on Recent Trends in Chemistry (NSRTC-17)* held at American College, Madurai on 24th February 2017.
68. N. Muniyappan, M. Murugapandi and K. Latha Mageshkani, Biosynthesis of Silver Nanoparticles using *Dalbergia Sympathetica* Seeds and their application of Biological Activity in *National Symposium on Recent Trends in Chemistry (NSRTC-17)* held at American College, Madurai on 24th February 2017.
 69. N. Muniyappan, M. Murugapandi, M. Rajeshwaran and A. Maheshwari, Phyto synthesis of Silver nanoparticles using *Curcuma Aromatica* and their applications of pharmacological activity in *International Conference on Cancer Biology : Drug Discovery and Novel Therapeutics*, Saiva Bhanu Kshatriya College, Aruppukottai, during 29th and 30th September, 2016.
 70. N. Muniyappan, M. Murugapandi, K. Murugeswari and R. Kalaivani, Synthesis of Silver nanoparticles using *Cissus Quadrangularis* aqueous extract and their invitro evaluation of biological activities in *International Conference on Cancer Biology : Drug Discovery and Novel Therapeutics*, Saiva Bhanu Kshatriya College, Aruppukottai, during 29th and 30th September, 2016.
 71. N. Muniyappan, T. K. Dhamodharan S. Baskar and P. Ramar, Biosynthesis of Silver Nanoparticles Using *Curcuma longa* and their Application of Pharmacological and Catalytic Activity in *International conference on Frontier Areas in Chemical Technologies-2016 (FACTs-2016)*, Karaikudi, 21-22 March 2016.
 72. N. Muniyappan, M. Pandeewaran, T. Rajeshkumar, K. R. Padmapriya, A. Briskilajeya and P. Jayapriya, Synthesis and Characterization of Silver Nano Particles with *Pleiospermium alatum* Plant Oil and Study the Antimicrobial Activities, ONE DAY RSC SYMPOSIUM ON RECENT ADVANCES IN CHEMICAL SCIENCES, Mother Teresa Women's University at Kodaikanal, 23.09.2016
 73. N. Muniyappan, M. Pandeewaran, J. Antony Lisa, J. Infanta Tresa, S. Divya Barathi and K. Gowsalya, Phytochemical Analysis, Anticorrosion and Pharmacological Studies on Kurunthumul Thazhai Oil and Kurunthumul Thazhai Extract, ONE DAY RSC SYMPOSIUM ON RECENT ADVANCES IN CHEMICAL SCIENCES, Mother Teresa Women's University at Kodaikanal, 23.09.2016
 74. N. Muniyappan and M. Silambarasan, Microwave assisted one step Phytosynthesis of silver nanoparticles using *Curcuma longa* rhizomes aqueous extract and in vitro evaluation of antioxidant and anti-inflammatory activity in *National Conference on Recent Developments in Chemistry (RDC- 15)*, Saiva Bhanu Kshatriya College, Aruppukottai. 13-14 Feb 2015.

75. N. Muniyappan and K. Sivakumar , Chemical Composition and *in vitro* Anti oxidant activity of Essential oil from *Myristica fragrans* in one day State Level Conference on Novel Trends in Chemistry (NTC-2014), Arulmigu Palaniandavar Arts College for Women, Palani. 25 Mar, 2014.
76. N. Muniyappan and P. Ramachandran, Synthesis, Characterization and Pharmacological of silver nanoparticles in one day State Level Conference on Novel Trends in Chemistry (NTC-2014), Arulmigu Palaniandavar Arts College for Women, Palani. 25 Mar, 2014.
77. N. Muniyappan and M. Periyasamy, Synthesis, Characterization and biological studies of silver nanoparticles in one day State Level Conference on Novel Trends in Chemistry (NTC-2014), Arulmigu Palaniandavar Arts College for Women, Palani. 25 mar, 2014.
78. N. Muniyappan, A. Lakshmanan, and N. S. Nagarajan Synthesis, characterization and pharmacological studies of gold nanoparticles and eco-friendly reduction of 4-nitrophenol in National conference on Advances in Synthetic and Materials Chemistry (NCASMC-2014), University of Mumbai, Mumbai. 10-11 March 2014.
79. N. Muniyappan, A. Lakshmanan, and N.S.Nagarajan, Microwave assisted synthesis of bioactive silver nanoparticles using aqueous extract of *Pongamia pinnada* roots in International conference on ICCER-2014, Jamal Mohamed College, Tiruchirappalli, 11-12th March, 2014
80. N. Muniyappan, A. Lakshmanan and N. S. Nagarajan Chemical composition of Essential oil and the solvent extract of *Curcuma pseudomondana* rhizomes and In vitro Evaluation of antioxidant and anti-inflammatory activities in National Conference on New Vistas and Challenges in Chemistry at Sathyabama University on Jan' 23-25, 2013. (ISBN: 978-81-922119-7-8)
81. N. Muniyappan, A. Lakshmanan and N. S. Nagarajan , Synthesis, characterization and biological studies of gold nanoparticles and ecofriendly reduction of 4-nitrophenol in International conference on recent advances in textile and electrochemical sciences (RATES 2013), Karaikudi, 21-23 March 2013. (ISBN: 978-82-920867-5-0)

18) Participation in Seminar (31) webinar (49)

1. N. Muniyappan, one-day seminar on “Academic Accreditation and Next Level of Academics” organised by Internal Quality Assurance Cell, Saraswathi Narayanan College on 29.10. 2022.

2. N. Muniyappan, seminar on “Enriching Curriculum With Web Resources” organized by the Office of the Deans of Academic Affairs, Saraswathi Narayanan College, Madurai on 29.10.2021
3. N. Muniyappan, IQAC Seminar An Approach to the Revised NAAC Framework with Special Reference to Outcome Based Education (OBE) Saraswathi Narayanan College, Madurai. On 18 Feb 2021.
4. T. Radha and N.Muniyappan, Green synthesis of silver nanoparticles using coriandrum sativum aqueous stem extract, “International Seminar on Emerging Trends in Chemistry & Energy Science” organized by the PG Department of Chemistry, Saraswathi Narayanan College, Madurai on 7th February 2020.
5. Murugapandi Murugan and N. Muniyappan, Plant assisted green synthesis of gold nanoparticles using *caralluma sarkariae*, characterization and its pharmacological activities, “International Seminar on Emerging Trends in Chemistry & Energy Science” organized by the PG Department of Chemistry, Saraswathi Narayanan College, Madurai on 7th February 2020.
6. N. Muniyappan and S. Perumal, Green synthesis of gold nanoparticles, characterization and its pharmacological activities of plant extracts, “International Seminar on Emerging Trends in Chemistry & Energy Science” organized by the PG Department of Chemistry, Saraswathi Narayanan College, Madurai on 7th February 2020.
7. N. Muniyappan, K. Pappathi and G. Dhanalakshmi, Ultrasonication mediated synthesis, characterization, pharmacological studies of silver nanoparticles, “International Seminar on Emerging Trends in Chemistry & Energy Science” organized by the PG Department of Chemistry, Saraswathi Narayanan College, Madurai on 7th February 2020.
8. N. Muniyappan and M. Pandeewaran, Microwave mediated synthesis, characterization, pharmacological and biodegradable studies of silver nanoparticles, “International Seminar on Emerging Trends in Chemistry & Energy Science” organized by the PG Department of Chemistry, Saraswathi Narayanan College, Madurai on 7th February 2020.
9. N. Muniyappan and S. Venmani, Phyto-synthesis of silver nanoparticles using *pergularia daemia* and their application of pharmacological activity, “International Seminar on Emerging Trends in Chemistry & Energy Science” organized by the PG Department of Chemistry, Saraswathi Narayanan College, Madurai on 7th February 2020.

10. S. Perumal, N. Muniyappan and K.K. Mothilal, Pharmacological activities of biosynthesized silver nanoparticles by using the aqueous extract of lawsonia alba roots, “International Seminar on Emerging Trends in Chemistry & Energy Science” organized by the PG Department of Chemistry, Saraswathi Narayanan College, Madurai on 7th February 2020
11. N. Muniyappan, S. Velmurugan and S. Perumal, Synthesis, characterization and biological activities of silver nanoparticles using senna auriculata flower extracts, “International Seminar on Emerging Trends in Chemistry & Energy Science” organized by the PG Department of Chemistry, Saraswathi Narayanan College, Madurai on 7th February 2020
12. S. Perumal, P. Abinash and N.Muniyappan, Biogenic synthesis of silver nanoparticles using solanum trilobatum flower extract and their pharmacological activity, “International Seminar on Emerging Trends in Chemistry & Energy Science” organized by the PG Department of Chemistry, Saraswathi Narayanan College, Madurai on 7th February 2020
13. S. Perumal, R. Sayee kannan, S. Muthumanickam, A. Elangovan, N. Muniyappan , and K.K. Mothilal, Inhibitory action of leaves extract of gossypium herbaceum on mild steel corrosion 1N HCl and 1N H₂SO₄ “International Seminar on Emerging Trends in Chemistry & Energy Science” organized by the PG Department of Chemistry, Saraswathi Narayanan College, Madurai on 7th February 2020.
14. N. Muniyappan, P. Abinash, , S. Perumal and P. Renugadevi, “Green synthesis of Silver Nanoparticles using Solanum Trilobatum flower extract and their Biological Activities” , “Recent Trends in Chemistry – Chemical Spectroscopy, Environmental, Energy Conservation (RTC 2K20) ” organized by the Post Graduate and Research Department of Chemistry, Arulmigu Palaniandavar college of Arts and Culture, Palani on 23rd and 24th January 2020
15. N. Muniyappan and M. Murugapandi, Anti-inflammatory and antioxidant activities of Silver nanoparticles using *Caralluma adscendens* var. *fimbriata* aqueous extract, in the National Seminar on Nanomaterials in Environmental and Energy Applications held at Saiva Bhanu Kshatriya College, Aruppukottai on 15th and 16th September, 2017.
16. N. Muniyappan, M. Murugapandi and P. Kesavamoorthy , Phytosynthesis of Silver nanoparticles using *Morinta tinctoria* and its Pharmacological applications, in the *National Seminar on Nanomaterials in Environmental and Energy Applications* held at Saiva Bhanu Kshatriya College, Aruppukottai on 15th and 16th September, 2017.

17. N. Muniyappan, M. Murugapandi and S. S. Rooba, Evaluation of Anti-Bacterial and Anti-Inflammatory activities of Silver Nanoparticles Synthesized using *Spilanthes Acmella*, in the *National Seminar on Nanomaterials in Environmental and Energy Applications* held at Saiva Bhanu Kshatriya College, Aruppukottai on 15th and 16th September, 2017.
18. N. Muniyappan and M. Pandeewaran, Chemical Composition of In-vitro anti-oxidant and anti-inflammatory activities of essecnital oil from fresh grass of *Cymbopogontra vancorensis*, one day national level cutting edge technologies in medicinal chemistry, sakathi college of arts and science for women, oddanchtram, on 30th january, 2017
19. N. Muniyappan, M. Murugapandi and K.Latha maheshkani, Synthesis of Silver Nanoparticles using *Dalbergia Sympathetica* roots and their application of pharmacological activity in the UGC sponsored *National Seminar on Recent advances in Chemical Research(RACR-2017)* held at VHNSN College, Virudhunagar on 24th and 25th January 2017
20. N. Muniyappan and K. Latha Mageshkani, *Synthesis of Silver Nanoparticles using DALBERGIA SYMPATHETICA ROOTS and their application in Antibacterial and Antiinflammatory activities* in the UGC sponsored two day National Seminar on Recent Advances in Chemical Research (RACR-2017) held at V.H.N.Senthikumara Nadar College on 24th and 25th January 2017
21. N. Muniyappan and K. Latha Mageshkani, *Green Synthesis of Silver nanoparticles using CURCUMA AROMATICA and their application of Anti-oxidant and Anti-inflammatory activities* in the UGC sponsored two day National Seminar on Recent Trends in Chemistry(RTC-7) held at Jeyaraj Annapackiam College for Women on 11th and 12th January 2017
22. N. Muniyappan, S.Perumal, S.Muthumanickam, R.Sayeeekannan, A.Elangovan, K.K.Mothilal, Corrosion of inhibition effect of *Lubrumum Watereri Vossii* leaf extract of mild steel in HCl and H₂SO₄ medium in the UGC sponsored *National Seminar on Recent advances in Chemical Research(RACR-2017)* held at VHNSN College, Virudhunagar on 24th and 25th January 2017
23. N. Muniyappan, M. Murugapandi and K.Murugeswari, Evaluation of antioxidant and anti-inflammatory effects of green synthesized nanoparticles by *Curcumapseudomontana flower* in the UGC sponsored *National Seminar on Recent advances in Chemical Research(RACR-2017)* held at VHNSN College, Virudhunagar on 24th and 25th January 2017

24. N. Muniyappan, A. Maheswari, M. Rajeshwaran and *M. Murugapandi*, Synthesis of Silver nanoparticles using *Cissus rotundifolia* aqueous extract and their application in antibacterial and anti inflammatory activities in the UGC sponsored two day *National Seminar on Recent Trends in Chemistry(RTC-17)* held at Jeyaraj Annapackiam College for Women during 11th and 12th January 2017
25. N. Muniyappan, *M. Murugapandi* and K. Latha maheshkani, Green Synthesis of Silver nanoparticles using *Curcuma Aromatica* and their application of Antioxidant and Anti inflammatory activities in the UGC sponsored two day *National Seminar on Recent Trends in Chemistry(RTC-17)* held at Jeyaraj Annapackiam College for Women during 11th and 12th January 2017
26. N. Muniyappan, *M. Murugapandi*, R.Kalaivani and K. Murugeswari, Biosynthesis of Silver nanoparticles using *Curcuma longa* and their application of pharmacological study in the UGC sponsored two day *National Seminar on Recent Trends in Chemistry(RTC-17)* held at Jeyaraj Annapackiam College for Women during 11th and 12th January 2017
27. N. Muniyappan, T.K. Dhamodharan , P. Ramar and S. Baskar , Greensynthesis of Gold nanoparticles using *Dalbergia Rostrata* and their Application in Catalytic Activity in National seminar on Human Health Implications of Environmental Exposure to Toxins, Bon Secours College for Women, Thanjavur. 21-22 Jan, 2016.
28. N. Muniyappan and M. Silambarasan, Synthesis of plant- mediated silver nanoparticles using leaves extract of *Arabotrys odoratissimus* and evaluation of their Pharmacological activites in Proceedings of the National Seminar on Modern Trends in Chemistry (MTS-20) Vivekananda College, Sholavandan. 20 Jan 2015.
29. N. Muniyappan, Ultrasonic assisted one step Synthesis of gold nanopaticles using *Curcuma longa* rhizomes and their Pharmacological activity in Golden Jubilee National Seminar Discourses on past, present and Future Scenario on Medicinal plant Conservation in india, Saraswathi Narayanan College, Maduri. 6-7 Mar, 2015.
30. N. Muniyappan and P. Ramar, Biosynthesis and characterization of silver nanoparticles” in National seminar on Recent Challenges to Environment (RCE-15) Sakthi College of Arts and Science for women, Oddanchatram.25 Sep, 2015.
31. N. Muniyappan and R. Thirumani Green synthesis of silver nanoparticles from commercially available plant and thir biological properties in National seminar on current trends in chemistry (CTC-15), A.P.C.Mahalaxmi College for women, Thoothukudi. 4-5 Feb, 2015.

19) Participation in Workshop: 7

1. Attended a workshop in “Radio Chemistry and Applications of Radio isotopes 73rd BRNS-IANCAS National workshop, Department of Physics, Gandhigram Rural Institute, Gandhigram, Sept 20-26, 2010.
2. N. Muniyappan, Two-day National Level Technical Online Workshop on Intellectual Property Rights, G.T.N. Arts College, Dindigul. On 21, 22 June 2021
3. N. Muniyappan, Online workshop on Fluorescence Spectroscopy & Current Research in Fluorescent Nanomaterials, V. S. S. Government Arts College, Pulankurichi, Sivaagangai on 24.07.2020
4. N. Muniyappan, Hands on Faculty Workshop on Developing self guiding support materials using interactive web tools, Vellore Institute of technology, Chennai on 17 July 2020
5. N. Muniyappan, 3 days National E-Workshop on Analytical Instruments, DR. C.V. Raman University, Bilaspur on 15 to 17 June 2020
6. Attended a workshop in “Intellectual Property and Innovation Management in Knowledge Era” Department of Chemistry, Gandhigram Rural Institute, Gandhigram, Oct 17, 2012
7. N. Muniyappan, Two week national level Virtual Workshop on Advanced Research Methodology, SRM Institute of Science and Technology, Ramapuram, Chennai. Tamil Nadu. 3.7.2023 to 18.7.2023

20) Participation in Orientation Programme/ Induction Programme/ Short term Courses: 1

Orientation programme	Basic Sciences	UGC Academic Staff College, Madurai Kamaraj University	27.10.2015 to 23.11.2015
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21) Participation in Faculty Development Programme: 8

1. **N. Muniyappan**, one week FDP on Outcome Based Education, Rajeev Gandhi College of Management Studies, Maharashtra, India. 13.01.2022 to 19.01.2022
2. **N. Muniyappan**, National one week FDP on ICT Tools for Effective Teaching and learning, Amar Sewa Mandal's Kamla Nehru Mahavidyalaya, Nagpur, India. 23.05.2022 to 28.05.2022.
3. **N. Muniyappan**, Six Days FDP on the new normalcy: Psychological approaches into the teaching learning process, organized by the Department of psychology, Sree saraswathi thyagraja college, Pollachi, Tamil nadu, 11.06.2022 to 16.06.2022

4. **N. Muniyappan**, Six Days FDP on “Design, Optimization and Manufacture of Materials” organized by the Department of Mechanical Engineering, SSN College of Engineering, Chennai from 07-03-2022 to 12-03-2022
5. **N. Muniyappan**, Online Faculty Development Programme on “SPECTRA OF PHYSICS” organised by the Department of Physics, PSGR Krishnammal College for Women, Coimbatore, Tamilnadu, from 1st to 9 March 2022
6. **N. Muniyappan**, 14 days online Faculty Development Programme on Materials Science & Nanotechnology (FDP-MSN-2020), B.S. Abdur Rahman rescent Institute of Science and Technology, Chennai on 03 & 17Aug 2020.
7. **N. Muniyappan**, One Week online Faculty Development Program on Challenges and Opportunities in Recent Emerging Technologies, Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded, Maharashtra on 06 to 10 july 2020.
8. **N. Muniyappan**, One Week Faculty Programme on Evolution of Functional Materials and its Effective Characterization towards Diverse Engineering Applications, Kumaraguru College of Technology, Coimbatore on 22 to 29 June 2020,

22) Conference/ Seminar/ Workshop Organized: 1

Co-organizing secretary

INTERNATIONAL CONFERENCE ON RECENT DEVELOPMENTS IN ARTS, SCIENCE, AGRICULTURE AND ENVIRONMENT – MAY 5-8, 2017- MALAYSIA

23) Invited Speaker/ Session Chair – Conference/ Seminar/ Workshop:

24) Other Co-curricular / Administrative Responsibilities:

- ✍ Sports committee
- ✍ Committee for scholarship
- ✍ ID card
- ✍ Student Seminars and conference
- ✍ Student Seminars PG Students
- ✍ Industry visits
- ✍ Consumer club

25) Member in Board of Studies:1

26) Editorial/ Review Board Member:

- ❖ Editorship of journals : Journal of Pharmacognosy and Chinese

Medicine (IPCM)

❖ Reviewer : Science Direct (Elsevier), Springer, American Scientific Publishers, Green nanotechnology and Inder science Publishers.

27) Membership in Professional Bodies:

28) Awards received:

❖ Best Paper award (I prize) at In-vitro evaluation of Biological activities silver nanoparticles synthesized by using *Dalbergia rostrata stem*” by N. Muniyappan in “Synthetic Methods and Chemistry of Natural Products (SMNP-2011)”, Annamalai University, Annamalai Nagar

29) Consultancy:

30) Patents:

31) Any other information:

* Note : Please provide the total Numbers and details for each metrics