

Curriculum Vitae

Name: Dr. MYLARAPPA M, MSc, PhD

Designation: Assistant Professor

DOB: 03/06/1986.

Address for Communication: 13th First E Main road, Krishnappa Garden,
Kengeri Upanagara, Kengeri.



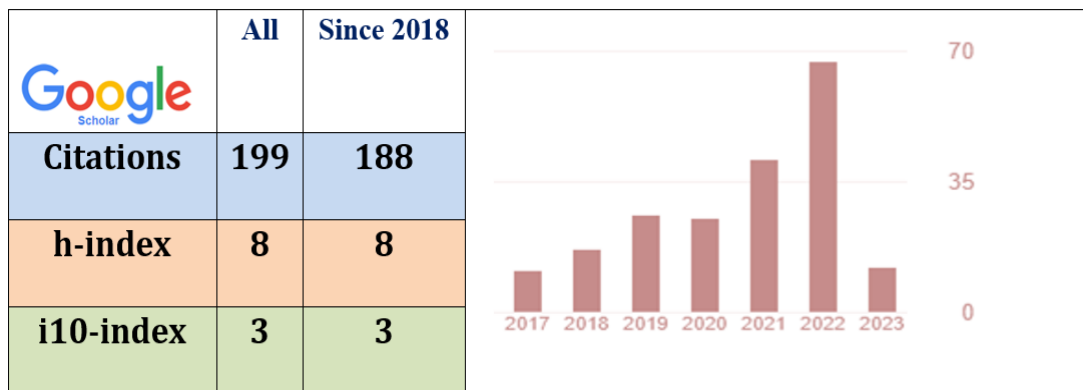
Email id: mylu4mkallihatti@gmail.com

Educational Qualification: MSc, PhD.

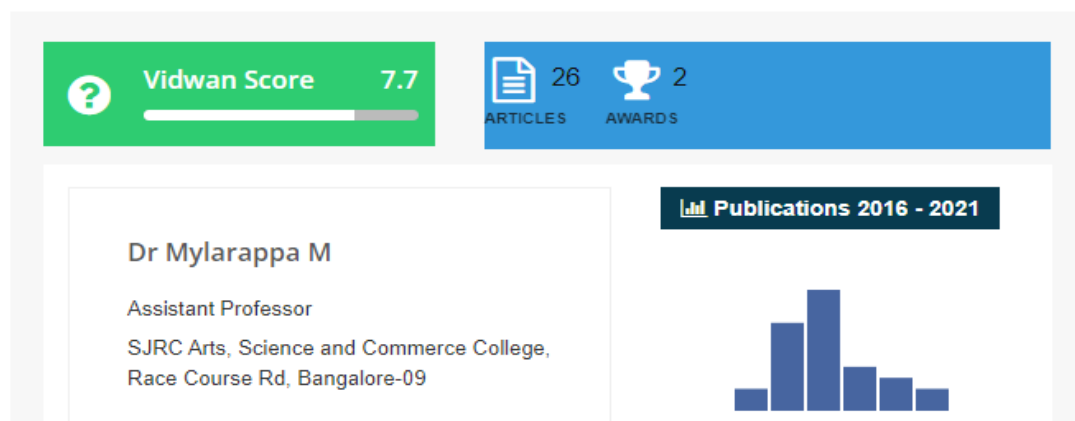
Teaching Experience: 13 years

Google Scholar link: <https://scholar.google.com/citations?user=rvfbdulAAAAJ&hl=en>

Vidwan id: 201351



Vidwan-ID : 201351



Academic Positions:

1. Working as **HoD** of Chemistry.
2. NAAC **Associate Coordinator** from 2022-23 to till date.
3. NAAC **Criteria-II Convener** from 2019-20 to 2021-22
4. **Research Cell** Convener from 2019-20 to till date.
5. Member of **NSS** and **Student Grievances** cell from 2019-20 to 2022-23.
6. Placement cell member from 2019-20 to 2020-21.
7. **Academic improvement committee** member from 2022-23 to till date.
8. **BOE Member** from, Maharani Ammanni College for Women, Bengaluru.
9. **Question Paper Setter for BSc Chemistry**, Maharani Lakshmi Ammanni college.
10. **Question Paper Setter for BSc Chemistry**, Indian Academy Degree college, Bengaluru.
11. Worked as **Examiner** for Chemistry practical's of I, II and III BSc Examinations of Bengaluru University, Bengaluru city University and Davangere University from 2016 to till date.
12. Worked as **Valuator for Chemistry I/II/III BSc** examinations of Bengaluru University and Bengaluru City university.
13. Worked as **Valuator for MSc Chemistry** examination of Indian Academy College Bengaluru.
14. Worked as **collection UG Examination Question Papers** of Bengaluru university 2017-18.

Research Publications:

1. Synthesis and Antimicrobial activity of 1-(3-amino-5-chloro-2, 3-dihydro-1-benzofuran-2-yl) ethan-1-one [2, 1-b]-furan and Their Derivatives, 2022, **Research Journal of Chemistry and Environment**. <https://worldresearchersassociations.com/chemcurrentissue/20.pdf>. **IF:0.247**
2. Electrochemical, photocatalytic and sensor studies of clay/MgO nanoparticles, 2022, [Applied Surface Science Advances](https://doi.org/10.1016/j.apsadv.2022.100268) Volume 10, August 2022, 100268. <https://doi.org/10.1016/j.apsadv.2022.100268> . **IF:1.2**
3. Synthesis and Characterization of ZnO and MgO Nanoparticles through Green Approach and Their Antioxidant Properties. ECS Transactions 107 (1), 2022, 689. <https://doi.org/10.1149/10701.0689ecst>. **IF:1.0**.

4. Synthesis and Characterization of rGO Doped Nb₂O₅ Nano Composite for Chemical Sensor Studies. ECS Transactions 107 (1), 2022, 269, <https://doi.org/10.1149/10701.0269ecst> IF: 1.0
5. A Selective Reduction of Aromatic Nitro Compounds to Amines from Pd Doped TiO₂ Catalyzed Nano Catalyst: Nitro reduction using Pd doped TiO₂ Catalyst. ECS Transactions 107 (1), 2022, 1681. <https://doi.org/10.1149/10701.1681ecst> IF: 1.0.
6. Novel Synthesis and Biological Activity of (2e)-1-(3-Amino-5-Chloro-1-Benzofuran-2-Yl)-3-Arylprop-2-En-1-Ones and Their Derivatives, *Rasayan Journal of Chemistry*, ISSN: 0974-1496, Vol.14, No.3, 2021. <http://doi.org/10.31788/RJC.2021.1436422> IF: 1.0
7. Physico-chemical Properties of Purified Carboxylesterase using the Seeds of Tamarindus Indica. *Asian Journal of Biochemistry*, 2021, ISSN: 1815-9931, DOI: <https://10.9734/ajrb/2021/v8i130173> IF: 1.0
8. Electrochemical sensor studies and optical analysis of developed clay based CoFe₂O₄ ferrite NPs, 2021, ISSN: 2666-3511, *Sensor International*, <https://doi.org/10.1016/j.sintl.2021.100083>.
9. Development of clay ferrite nanocomposite: Electrochemical, sensors and photocatalytic studies, *Applied Surface Science Advances*, 2021, ISSN: 2666-5239. <https://doi.org/10.1016/j.apsadv.2021.100103>. IF:1.2.
10. Synthesis And Structural Characterization of Undoped CeO₂ and Pd Doped CeO₂ For Photo Catalytic Studies Under Sunlight And Uv-Light Irradiation, 2020, *International Journal of Advanced Science and Technology*, ISSN: 2005-4238, <http://sersc.org/journals/index.php/IJAST/article/view/6106>. IF:0.475
11. Facile Synthesis and Characterization of rGO Decorated NiFe₂O₄ Nanocomposite Obtained from Waste Ni-Cd/Ni-MH Batteries.2020, *International Journal of Waste Resources*, ISSN: 2252-5211, <http://doi:10.35248/2252-5211.20.10.385>.
12. Nobel Metal Decorated TiO₂ Catalyst Coated On Cordierite Monolith for High Turnover Frequencies in Carbon-Nitrogen Coupling Reactions. *American Journal of Multidisciplinary Research & Development (AJMRD)*, 2020, ISSN: 2360-821X, <https://www.ajmrd.com/wp-content/uploads/2020/12/D2123045.pdf>.
13. Recycling And Reusing Of Li₂CO₃ And Co(OH)₂ From Waste Lithium Ion Batteries For Energy Storage And Thermal Studies, 2019, *Journal of Waste Management and Disposal*, ISSN:2641-8827, <http://www.scholarena.com/journals/journal-of-waste-management-and-disposal/articles.php?volume=2&issue=3#>.

14. Surface, Temperature and Optical Properties Pd-TiO₂ Doped PVA Nanocomposite, **2019**, **Materials Science Forum**, ISSN: 1662-9752, <https://doi.org/10.4028/www.scientific.net/MSF.962.77> **IF:0.48**
15. Effect of SnO₂ Nanoparticle Doping on Structural, Morphological and Thermal Properties of PVA-PVP Polymer Blend, **2019**, **Materials Science Forum**, ISSN: 1662-9752, <https://doi.org/10.4028/www.scientific.net/MSF.962.82> **IF:0.48**
16. Recovery of Mn-Zn ferrite from waste batteries and development of rGO/Mn-Zn ferrite nanocomposite for water purification, **2019**, **Materials Today: Proceedings**, ISSN: 2214-7853, <https://doi.org/10.1016/j.matpr.2019.02.157> **IF:2.3**.
17. Effective Elimination of Acid Red 88 from Aqueous Solution and Electrochemical Studies of rGO/AgO and rGO/CNT's/AgO Based Nanocomposite. **2018**, **Advanced Science Letters**, ISSN: 1936-6612. DOI: <http://doi:10.1166/asl.2018.12203> **IF:1.258**
18. Green Route Synthesis of MgO Nanoparticles Using Murraya Koenigii Leaf Extract: An Efficient Photo Catalyst for Malachite Green, **2018**, **Advanced Science Letters**, ISSN: 1936-6612, DOI: [10.1166/asl.2018.12199](http://doi:10.1166/asl.2018.12199) **IF:1.258**
19. Development and Catalytic Application of Palladium Doped Titania (TiO₂. 98Pd0. 02O₂) Through Low Temperature Solution, **2018**, **Advanced Science Letters**, ISSN: 1936-6612, DOI: <https://doi.org/10.1166/asl.2018.12235> **IF:1.258**
20. Cyclic Voltammetry, Impedance and Thermal Properties of CoFe₂O₄ obtained from Waste Li-ion Batteries, **2018**, **Materials Today: Proceedings**, ISSN: 2214-7853, <https://doi.org/10.1016/j.matpr.2018.06.612> **IF:2.3**.
21. Electrochemical Enhancement of Nickel oxide Dispersed Graphene Sheets as Electrode Material for Energy Storage Application, **2018**, **Materials Today: Proceedings**, ISSN: 2214-7853, <https://doi.org/10.1016/j.matpr.2018.06.628> **IF:2.3**.
22. Fabrication and Hierarchical Structure of ZnO Nano Particle Using Green Fuels: Cyclic Voltammetry and Impedance Analysis. **2018**, **Materials Today: Proceedings**, ISSN: 2214-7853, <https://doi.org/10.1016/j.matpr.2018.06.627> **IF:2.3**.
23. A Potential Use γ -Al₂O₃ Coated Cordierite Honeycomb Reinforced Ti_{0.97}Pd_{0.03}O_{2- δ} Catalyst for Selective High Rates in coupling reactions. **2018**, **Materials Today: Proceedings**, ISSN: 2214-7853, DOI: <https://doi.org/10.1016/j.matpr.2018.06.617> **IF:2.3**.
24. Influence of Nanoclay to the Matrix of Vinylester/Glass Composites on their Fire Behaviour Properties. **2018**, **Materials Today: Proceedings**, ISSN: 2214-7853, <https://doi.org/10.1016/j.matpr.2018.06.624> **IF:2.3**.

25. Synthesis and characterization of Ag nano particle by solution combustion method and their biological studies, **2018**, **Materials Today: Proceedings**, ISSN: 2214-7853, <https://doi.org/10.1016/j.matpr.2018.06.635> IF:2.3.
26. Photo Decomposition of Acid orang 8 from aqueous solution by using rGO/CNT/AgO Nano composite. **2018**, **Materials Today: Proceedings**, ISSN: 2214-7853, <https://doi.org/10.1016/j.matpr.2018.06.642> IF:2.3.
27. Effect of Oxalic Acid and Citric Acid on Recovery of Ni and Cd from Waste Batteries: Electrochemical and Thermal Investigation of Ni(OH)₂ Synthesized from Leach Solution, **2018**, **Research Journal of Chemistry and Environment**, ISSN.2278-4527, [https://worldresearchersassociations.com/Archives/RJCE/Vol\(22\)2018/November2018.aspx](https://worldresearchersassociations.com/Archives/RJCE/Vol(22)2018/November2018.aspx) IF:0.47
28. Cyclic Voltammetry and Electrochemical Impedance Spectral Properties of MnO₂ Obtained by Waste Discarded Batteries Using Eco-Friendly Leaching Materials, **2017**, ISSN: 0970-7077, **Asian Journal of Chemistry**, DOI: [10.14233/ajchem.2017.20743](https://doi.org/10.14233/ajchem.2017.20743) IF: 0.9.
29. Synthesis and characterization of MnZnFe₂O₄ and rGO/Mn-ZnFe₂O₄ nano composite from waste batteries for photocatalytic, electrochemical and thermal studies. **2017**, **Material research express**, ISSN: 2053-1591, <https://doi.org/10.1088/2053-1591/aa912f> IF: 2.0
30. Resource Recovery and Material Characterization of Metals from Waste Li-ion Batteries by an Eco-Friendly Leaching Agent, **2017**, **Materials Today: Proceedings**, ISSN: 2214-7853, <https://doi.org/10.1016/j.matpr.2017.09.152> IF:2.3.
31. One Step Synthesis of Ternary Composite of GNS/CNT/MnO₂ for the Applications of Electrochemical and Photocatalytic Studies, **2017**, **Materials Today: Proceedings**, ISSN: 2214-7853, <https://doi.org/10.1016/j.matpr.2017.09.097> IF:2.3.
32. Synthesis and Characterization of Low Cost MgO Nanoparticle for the Assessment of the corrosion performance on Aluminium 6065, **2017**, **Materials Today: Proceedings**, ISSN: 2214-7853, <https://doi.org/10.1016/j.matpr.2017.09.139> IF:2.3.
33. Effect of Nanoclay on the performance of Mechanical, Thermal and Flammability of Vinylester based nanocomposites, **2017**, **Materials Today: Proceedings**, ISSN: 2214-7853, <https://doi.org/10.1016/j.matpr.2017.09.138> IF:2.3.

34. Synthesis and Characterization of $M^+Co V_2O_5$ ($M^+ = Li^+, Na^+, K^+$) and Their Electrochemical Impedance Spectroscopic Studies. **2017**, [Materials Today: Proceedings](#), ISSN: **2214-7853**, <https://doi.org/10.1016/j.matpr.2017.09.162> **IF:2.3**.
35. Facile Synthesis and Characterization of MnO_2 /Graphene/Multi Walled Carbon Nanotube Nanostructured Ternary Composite: An Advance Material for Environmental and Biological Applications, **2017**, [Materials Today: Proceedings](#), ISSN: **2214-7853**, <https://doi.org/10.1016/j.matpr.2017.09.112> **IF:2.3**.
36. Development and Characterization of Titanium Phosphates (TiP_2O_7) and Lithium Titanium Phosphate ($LiTiP_2O_7$) and Their Thermal and Electric Properties. **2017**, [International Journal of Advanced Research](#), ISSN: **2320-5407**, DOI: [10.21474/IJAR01/4797](https://doi.org/10.21474/IJAR01/4797)
37. Comparative study of different immobilization of strontium in $LiSr_2(PO_4)_3$ crystal through hydrothermal process, **2017**, [IOSR Journal of Applied Physics](#), ISSN **2278-4861**, DOI: [10.9790/4861-0904011319](https://doi.org/10.9790/4861-0904011319)
38. Electro chemical and photo catalytic studies of MnO_2 nanoparticle from waste dry cell batteries. **2016**, [Nano Systems: Physics, Chemistry, Mathematics](#), ISSN: **2220-8054** DOI: [10.17586/2220-8054-2016-7-4-657-661](https://doi.org/10.17586/2220-8054-2016-7-4-657-661) **IF:0.92**
39. Synthesis and characterization of nano ZnO and MgO powder by low temperature solution combustion method: studies concerning electrochemical and photocatalytic behavior. **2016**, [Nano Systems: Physics, Chemistry, Mathematics](#), ISSN: **2220-8054**, DOI: [10.17586/2220-8054-2016-7-4-662-666](https://doi.org/10.17586/2220-8054-2016-7-4-662-666). **IF:0.92**
40. ZnO decorated graphene nanosheets: an advanced material for the electrochemical Performance and photocatalytic degradation of organic dyes. **2016**, [Nano Systems: Physics, Chemistry, Mathematics](#), ISSN: **2220-8054**, DOI: [10.17586/2220-8054-2016-7-4-678-682](https://doi.org/10.17586/2220-8054-2016-7-4-678-682). **IF:0.92**
41. Preparation of chitosan/different Organomodified clay polymer nanocomposites: studies on morphological, swelling, thermal stability and antibacterial properties. **2016**, [Nano Systems: Physics, Chemistry, Mathematics](#), ISSN: **2220-8054**, DOI: [10.17586/2220-8054-2016-7-4-667-674](https://doi.org/10.17586/2220-8054-2016-7-4-667-674). **IF:0.92**
42. Electroplating Of Zinc On Mild Steel Obtained By Recovery Of Exhausted Batteries Leach Solutions For Corrosion Protection. **2016**, [International Journal Of Advanced Research](#), ISSN: **2320-5407**, DOI URL: <http://dx.doi.org/10.21474/IJAR01/1778>.

43. Synthesis And Characterization Of ZnO/MgO Nano Particles By Curry Leaves Through Green Approach And Their Photocatalytic Applications. 2016, International Journal Of Advanced Research, ISSN: 2320-5407, DOI URL: <http://dx.doi.org/10.21474/IJAR01/1679>.
44. Synthesis And Characterization Composite of MnO₂/Graphene/MWCNT: A Synergistic Catalyst For Degradation Of Methyl Red And Malachite Green, 2016, International Journal Of Advanced Research, ISSN: 2320-5407, DOI URL: <http://dx.doi.org/10.21474/IJAR01/1679>.
45. A facile hydrothermal recovery of nano sealed MnO₂ particle from waste batteries: An advanced material for electrochemical and environmental applications, 2016, IOP Conf. Series: Materials Science and Engineering, ISSN: 1757-8981, <https://doi.org/10.1088/1757-899X/149/1/012178>. IF:0.48

Book/ Book Chapters Published:

Book Published

- “Recovery of metals from Waste Batteries: Experimental Studies & their Characterization Techniques” Lambert Academic Publishing, 2021, ISBN: 978-620-4-71584-1.

Book Chapter Published

1. **Current trends in Materials Chemistry: Relative Study of TiO₂ and Pd doped TiO₂ Nano Catalysts for Water Purification under Solar and Ultraviolet Irradiation:** ISBN: 978-93-85682-66-7, **Publisher: United Publishers, (2021).**
2. *Sea Water Durability of Vinyl Ester Resin/Clay Based Nano Composites and their Mechanical Properties.* ISBN: 978-93-85682-66-7, **Publisher: United Publishers, (2021).**
3. *Electrochemical Properties of MnO₂ Nanoparticle Obtained from Waste Battery Powder by Reductive Acid Leaching Method, Newest Updates in Physical Science, Vol. 5, 26 May 2021, Page 23-35.* ISBN 978-93-90888-41-2.

Membership in Professional Bodies:

- Life-Time senior member for **‘The Asia Society of Researchers (ASR)**, 7/F, SPA Centre, No.53-55, Lockhart Road, Wan Chai, Hong Kong (**Member ID: R219033102**).
- Life-Time member for **Teaching and Education Research Association (TERA)**, B-305, World Trade Park, JLN Road, Jaipur – 302017, Rajasthan, India (**TERA-M191039**).
- **Member of Indian Academicians & Researchers association** (ID: M/M-531)
- **Life time member of Electrochemical Society of India (ECSI)**, IISC Bengaluru.

Awards and Recognitions:

- **Best Paper Presentation Award 2017** at Regent’s International College, Bangkok, Thailand, 20th -22nd, **January 2017**.
- **Young Researcher award 2017** at Regent’s International College, Bangkok, Thailand, **20th -22nd, January 2017**.
- **Young Scientist Award 2021** at Institute of Researchers, Wayanad, Kerala, India.

National/ International conferences/ seminars/ workshops organized:

- **International Conference on Advances in Science and Engineering (ICASE – 2017)** held at East West Institute of Technology, Bengaluru, January 19th, 2017.
- **International conference on Trends in global research in information technology and impacts on environment** in association with Toucan research and development Jharkhand.

National/ International conferences/ seminars/ workshops attended:

- ✦ State level Conference on **“NANOTECHNOLOGY”** by Department chemistry, M.B.R. College Sirigere. **August 14th 2009**.
- ✦ National Seminar on **“Nano-Chemistry, Green-Chemistry and Spectroscopy”** by Department of Chemistry, D.R.M Science College Davangere. **May 13th, 2009**.

- ✦ VTU-VGST Faculty Development Programme on **“Micro Nano Technology in Small Satellites”** from 19th -22nd, August 2013 organized by East West Institute of Technology, Bangalore-91.
- ✦ State level Seminar on **“ELECTROCHEMISTRY AND RENEWABLE ENERGY”** by Department of chemistry, S.J.R. College, Bangalore-9, 4th September 2013.
- ✦ One-day Workshop on **“AWARENESS OF ROHS”** at IISC Campus, Bangalore on 10th January 2014.
- ✦ Participation as a delegate in the international Conference at 7th Bangalore **INDIA NANO 2014** on December 4-6, Lalit Ashok, Bengaluru.
- ✦ One-day orientation Programme on **“Environment and Public health”** organized by Department of Environmental science, Bangalore University, Bangalore on 29th October, 2014.
- ✦ National seminar on **“Emerging Trends in chemical and Pharmaceutical Sciences”** Organized by Department of chemistry Biochemistry on 12th -13th November 2014.
- ✦ Two-day national conference on **“Advanced Nano-Technology and its Applications (NCOANA 2015)”** held at Maharani’s College for Women, palace Road, Bengaluru on 22nd-23rd January 2015.
- ✦ One-day national conference participation on **“Applied science & Humanities”** organized by K. S. School of Engineering and Management, Mallasandra, Kanakapura road, Bengaluru, 5th May 2015.
- ✦ Two days’ national conference on **“Ethical Issues in Scientific Writing”** held at Maharani’s College for Women, palace Road, Bengaluru on 3rd - 4th September 2015.
- ✦ Participated in **NPTEL Workshop** organized by National Programme on technology enhanced learning (IIT Madras) conducted on 29th Jan -2016 at Jyothi Institute of Technology Bengaluru-82.
- ✦ Participated in one-day national workshop on **Advances in Lithium ion Battery Materials (ALBM-2015)** on 28th December 2015 held at PES University Bengaluru Karnataka.
- ✦ Two days’ workshop on “Discussion of revised B.Sc. Chemistry syllabus (CBCS) of Bangalore university-**New topics and model question papers”** held on 6th & 7th January 2017 at Vijaya College, Basavanagudi, Bangalore-04.

- ✦ Two days Science Academics Lecture Workshop on **“Recent Trends in Nano Technology and Material Science”** held on 22nd and 23rd March 2017 at Vijaya College, Basavanagudi, Bangalore-04
- ✦ Participated in two-day workshop on **Hands on training: New generation materials for energy storage devices** at East west Institute of Technology Bangalore-15-16th of October 2018.
- ✦ Participated two-day Science Academies’ **Lecture workshop on Nano Science and Nano Technology** organized by Dept. of Physical science SJR for Women Bangalore-29-30th August 2017.
- ✦ Participated one-day workshop on **MATLAB** organized by Dept. of basic science and Humanities, EWIT Bangalore-8th June 2017.
- ✦ Participated in two-day national conference on **recent advancements in Nano-Science & Technology** Government Science College Chitradurga-21-22/4/2017.
- ✦ Participated one-day Faculty Development Programme on **Augmentation of Competence for Teachers in Higher Education** organized by SJR College Bangalore, 23rd March 2018.
- ✦ Participated and paper presented in two days’ national seminar for **research scholars-2019** during 25-26th April 2019 at AMC Engineering College, Bengaluru-560083.
- ✦ Participated in two days’ national conference on **advanced lithium ion batteries: Science and Technology [NALIBST]** during 27-28th December 2019 at Indian institute of science, Bengaluru-560012.
- ✦ Participated in two days’ workshop on **Environmental challenges in Metal finishing** 2019 organized by IISC, Bengaluru, 12th -13th April 2019.
- ✦ Participated in the all India training programme industrial metal finishing, electroplating technologies, and Aerospace Technology chemical/process and effluent treatment process organized by IISC, 5-7th March 2020, Bengaluru.

Paper presentation in National/ International conferences/ seminars/ workshops:

1. **M. Mylarappa**, paper presented entitled **“Recovery and characterization of metals from alkaline batteries by using hydrometallurgical process, [Oral Presentation] National Conference on “Current Scenario in Material Chemistry (CSIMC 2015)”**

organized by Jamal Mohamed College, Post Graduate and Research Department of Chemistry, Tiruchirappalli-620 020, Tamilnadu, India [ISBN: 978-93-81521-60-1, Jazym publications].

2. **M.Mylarappa**, paper presented "*Synthesis and characterization of ZnO Nano particle for corrosion studies of Al composites.*" [Oral Presentation] National Conference on "Current Scenario in Material Chemistry (CSIMC 2015)" organized by Jamal Mohamed College, Post Graduate and Research Department of Chemistry, Tiruchirappalli-620 020, Tamilnadu, India [ISBN: 978-93-81521-60-1, Jazym publications].
3. **M.Mylarappa**, presented a paper entitled "*Effect of amine fictionalized graphene dispersion on the electrical, mechanical & fire retardation properties of epoxy Nano composites.*" [Oral Presentation] National Conference on "Current Scenario in Material Chemistry (CSIMC 2015)" organized by Jamal Mohamed College, Post Graduate and Research Department of Chemistry, Tiruchirappalli-620 020, Tamilnadu, India [ISBN: 978-93-81521-60-1, Jazym publications].
4. **M.Mylarappa**, paper entitled "**Recovery of Manganese Oxide Particle from Waste Dry Cells Using Eco-Friendly Leaching Solid and Their Electrochemical Studies**" [Poster Presentation] National Conference on "Advanced Functional Materials" (AFM 2016)" organized by Dayanada Sagara Institutions, Bengaluru-560078, Karnataka, India [ISBN: 978-93-85682-04-9, United Agencies, Mangalore.
5. **M.Mylarappa**, V presented a paper entitled "*Electroplating of Zinc on mild steel obtained by Recovery of exhausted batteries leach solutions for corrosion protection*" [Oral Presentation] National conference on "recent advances in applied sciences (raas-2016)" organized by Department of Science & Humanities, AMC Engineering College, Bannerghatta road, Bengaluru-83, Karnataka, India.
6. **M.Mylarappa**, presented a paper entitled "**Synthesis and Characterization of ZnO/MgO Nano Particles by Curry Leaves through Green Approach and their photocatalytic applications**" [Oral Presentation] National conference on "recent advances in applied sciences (raas-2016)" organized by Department of Science & Humanities, AMC Engineering College, Bannerghatta road, Bengaluru-83, Karnataka, India.
7. **M.Mylarappa**, presented a paper entitled "*Synthesis and Characterization Composite of MnO₂/Graphene/MWCNT: An Synergistic Catalyst for Degradation of Methyl Red*

and Malachite Green” [Oral Presentation] **National conference on “recent advances in applied sciences (raas-2016)”** organized by Department of Science & Humanities, AMC Engineering College, Bannerghatta road, Bengaluru-83, Karnataka, India.

8. **M.Mylarappa**, presented a paper entitled “***One Pot Approach of Binary Composite of GNS/MnO₂ for Electrochemical Studies and Environmental Applications***” [Oral Presentation] **National conference on “recent advances in applied sciences (raas-2016)”** organized by Department of Science & Humanities, AMC Engineering College, Bannerghatta road, Bengaluru-83, Karnataka, India.
9. **M.Mylarappa**, Poster presentation on **Synthesis and Characterization of Nano Cobalt Ferrite particles from waste Li-ion batteries** in national conference on Emerging trends on Material Science organized by S. Nijalingappa College-05/10/2018.
10. **M.Mylarappa**, presented a paper entitled “***Electro Chemical and Photo Catalytic Enactment of Recovered MnO₂ from Consumed Dry Cell Batteries***”. [Oral Presentation] **International Conference** on Nan materials and Nanotechnology organized by Centre for Nan science and Technology, K.S. Rangasamy College of Technology, Tiruchengode, Tamil Nadu, India, during 07th - 10th December, 2015.
11. **M.Mylarappa**, D.M.K Siddeswara and N Raghavendra, presented a paper entitled “***Synthesis And Characterization Of Nano ZnO And MgO Powder By Low Temperature Solution Combustion Method: Studies Concerning On Electrochemical And Photo Catalytic Behavior***. [Oral Presentation] **International Conference** on Nan materials and Nanotechnology organized by Centre for Nan science and Technology, K.S. Rangasamy College of Technology, Tiruchengode, Tamil Nadu, India, during 07th - 10th December, 2015.
12. **M.Mylarappa**, presented a paper entitled “***ZnO/Mn₂O₃ Decorated Graphene Nan sheets: An Advanced Material for The Electrochemical Performance and Photo Catalytic Degradation Of Organic Dyes*** “[Oral Presentation] **International Conference** on Nan materials and Nanotechnology organized by Centre for Nan science and Technology, K.S. Rangasamy College of Technology, Tiruchengode, Tamil Nadu, India, during 07th - 10th December, 2015.
13. **M.Mylarappa**, presented a paper entitled “***Extraction of Lithium and Cobalt from Used up Lithium Ion Battery by Hydrometallurgy Process*** [Oral Presentation] **International Conference** on International Conference on Chemical and

Environmental Research (ICCR-2015)" on 17th December 2015 organized by Jamal Mohamed College, Post Graduate and Research Department of Chemistry, Tiruchirappalli-620 020, Tamilnadu, India.

14. **M. Mylarappa**, presented **(POSTER)** a paper entitled "**Resource Recovery and Material Characterization of Metals from Waste Li-ion Batteries by an Eco-Friendly Leaching Agent**" *International conference on Nano technology [ICNANO 2016]* organized by VTU, Muddenahalli, Chikkaballapur, Bengaluru-562101, Karnataka, India.
15. **M. Mylarappa** presented **(POSTER)** a paper entitled "**Synthesis and Characterization of Functionalized ZnO Nanoparticle in to Na-MMT Clay by In Situ Sol Gel Method**". *International conference on Nano technology [ICNANO 2016]* organized by VTU, Muddenahalli, Chikkaballapur, Bengaluru-562101, Karnataka, India.
16. **M. Mylarappa** presented **(POSTER)** a paper entitled "**Synthesis and Characterization of Low Cost Nanomaterials for Corrosion Studies on Aluminium 6065**". *International conference on Nano technology [ICNANO-2016]* organized by VTU, Muddenahalli, Chikkaballapur, Bengaluru-562101, Karnataka, India.
17. **M. Mylarappa** presented **(POSTER)** a paper entitled "**One Step Synthesis of Ternary Composite of GNS/CNT/MnO₂ for the Application of Super capacitors & Photocatalytic Degradation of Azo Dyes**". *International conference on Nano technology [ICNANO 2016]* organized by VTU, Muddenahalli, Chikkaballapur, Bengaluru-562101, Karnataka, India.
18. **M. Mylarappa**, presented **(POSTER)** a paper entitled "**Facile Synthesis and Characterization of MnO₂/Graphene/Multi Walled Carbon Nanotube Nanostructured Ternary Composite: An Advance Material for Environmental and Biological Applications**". *International conference on Nano technology [ICNANO 2016]* organized by VTU, Muddenahalli, Chikkaballapur, Bengaluru-562101, Karnataka, India.
19. **M. Mylarappa**, presented a paper entitled "**A facile hydrothermal recovery of nano sealed MnO₂ particle from waste batteries: An advanced material for electrochemical and environmental applications**" *[IConAMMA]* organized by department of mechanical engineering, Amrita school of engineering, Bengaluru campus on July 14th -16th, 2016.
20. **M. Mylarappa, V.** presented a paper "**Recovery of Mn-Zn ferrite from waste batteries and Development of rGO/Mn-Zn ferrite nanocomposite for water purification**"

International Conference on Nano science and Nanotechnology [ICNAN-2016] organized by VIT, Vellore, Coimbatore, India.

21. **M. Mylarappa** presented a paper **“Synthesis and Characterization of Sodium Alginate-Bentonite Clay Biocomposites for Anti-Bacterial Activities”** International Conference on Nano science and Nanotechnology, [ICNAN-2016] organized by VIT, Vellore, Coimbatore, India.
22. **M. Mylarappa**, presented a paper **“Development and Catalytic Application of Palladium Doped Titania ($\text{Ti}_{0.98}\text{Pd}_{0.02}\text{O}_2$) Through Low Temperature Solution Combustion Method”** International Conference on Nano science and Nanotechnology, [ICNAN-2016] organized by VIT, Vellore, Coimbatore, India.
23. **M. Mylarappa**, presented a paper **“A New Assisted Green Synthesis of MgO Nanoparticles Using Murraya Koenigii Leaf Extract”** An Efficient Catalyst for Water Purification”. International Conference on Nano science and Nanotechnology, [ICNAN-2016] organized by VIT, Vellore, Coimbatore, India.
24. **M. Mylarappa**, presented a paper **“Effective Elimination of Acid Red 88 from aqueous solution and Electrochemical Studies of rGO/AgO and rGO/CNT's/AgO based Nanocomposite”**. International Conference on Nano science and Nanotechnology, [ICNAN-2016] organized by VIT, Vellore, Coimbatore, India.
25. **M. Mylarappa** presented a paper **“Simultaneous Removal of Hg (II), Pb (II) and Ionic Dyes from Aqueous Solution Using Battery Waste as Raw Materials”** International conference on advances in Science and Engineering (ICASE-2017) on 20-22nd, Jan 2017 organized by Regent's International College, Bangkok, Thailand. **ISBN: 978-93-85682-43-8.**
26. **M. Mylarappa**, presented a paper **“Electrochemical Enhancement of Nickel Oxide Dispersed Graphene Sheets as Electrode Material for Energy Storage Application”** International conference on advances in Science and Engineering (ICASE-2017) on 20-22nd, Jan 2017 organized by Regent's International College, Bangkok, Thailand. **ISBN: 978-93-85682-43-8.**
27. **M. Mylarappa**, presented a paper **“Preparation, Characterization of Graphene Oxide Doped With Nickel Oxide for Biological Applications”** International conference on advances in Science and Engineering (ICASE-2017) on 20-22nd, Jan 2017 organized by Regent's International College, Bangkok, Thailand. **ISBN: 978-93-85682-43-8.**

28. Mylarappa M, presented a paper **“Influence of Nano clays on the performance of Vinyl ester/glass nanocomposites for their Mechanical, Thermal and Fire Behavior Properties”** International conference on advances in Science and Engineering (ICASE-2017) on 20-22nd, Jan 2017 organized by Regent’s International College, Bangkok, Thailand. **ISBN: 978-93-85682-43-8.**
29. M. Mylarappa presented a paper **“Effective reduction of Co⁺² and Ni⁺² from aqueous solution using nanostructured ZnO particle synthesized by solution combustion”** International conference on advances in Science and Engineering (ICASE-2017) on 20-22nd, Jan 2017 organized by Regent’s International College, Bangkok, Thailand. **ISBN: 978-93-85682-43-8.**
30. M. Mylarappa, presented a paper **“A New platform for the development and characterization of LiCoV2O5 for cyclic voltammetry and Electrochemical Impedance Studies”** International conference on advances in Science and Engineering (ICASE-2017) on 20-22nd, Jan 2017 organized by Regent’s International College, Bangkok, Thailand. **ISBN: 978-93-85682-43-8.**
31. M. Mylarappa, presented a paper **“Development of sodium alginate/poly (acryl amide-closite-30B nano clay) hydrogel composites for paclitaxel anticancer drug transfer applications”** International conference on advances in Science and Engineering (ICASE-2017) on 20-22nd, Jan 2017 organized by Regent’s International College, Bangkok, Thailand. **ISBN: 978-93-85682-43-8.**
32. M. Mylarappa, presented a paper **“Synthesis and characterization of lithium doped strontium phosphate Nano crystal and their electrochemical impedance measurements”** International conference on advances in Science and Engineering (ICASE-2017) on 20-22nd, Jan 2017 organized by Regent’s International College, Bangkok, Thailand. **ISBN: 978-93-85682-43-8.**
33. M. Mylarappa, presented a paper **“A Potential Use γ -Al₂O₃ Coated Cordierite Honeycomb Reinforced Ti_{0.97} Pd_{0.03} O₂ Catalyst for Selective High Rates in H₂+O₂ Recombination”** International conference on advances in Science and Engineering (ICASE-2017) on 20-22nd, Jan 2017 organized by Regent’s International College, Bangkok, Thailand. **ISBN: 978-93-85682-43-8.**
34. M. Mylarappa, Poster Presentation on **Fabrication and Structural Studies of Li₂CO₃ and Co(OH)₂ from Discarded Li-ion Batteries for Supercapacitor and Thermal properties** in the 5th international conference on Nano science and Nano technology

organized 28-30th January 2019 by dept. of physics and nano technology, SRM IST, Chennai, Kattankulathur-603203.

- 35.M.Mylarappa**, Poster Presentation on **Synthesis and Characterization of NiFe₂O₄ and NiFe₂O₄/rGO Nano Composite from Waste Ni-Cd/Ni-MH Batteries for energy storage and thermal properties** in the 5th international conference on Nano science and Nano technology **28-30th January 2019** organized by dept. of physics and nano technology, SRM IST, Chennai, Kattankulathur-603203.
- 36.M.Mylarappa**, oral presentation on **Synthesis and structural characterization of NiFe₂O₄/rGO nano composite obtained from spent Ni-Cd/Ni-MH Batteries** in the 4th international conference on Science and technology for Society ICSTS-2019 during 13-15th May 2019 held at East West Institute of Technology Bengaluru.
- 37.M.Mylarappa**, oral presentation on **Nano clay based polymer Nano composites for their mechanical and thermal properties** in the 4th international conference on Science and technology for Society ICSTS-2019 during 13-15th May 2019 held at East West Institute of Technology Bengaluru.
- 38.M. Mylarappa**, presentation on **Comparison studies of different Nanoclays for marine applications** in the 4th international conference on Science and technology for Society ICSTS-2019 during 13-15th May 2019 held at East West Institute of Technology Bengaluru.
- 39.M. Mylarappa**, presentation on **Green synthesis of ZnO nano particles using nano adsorbent: An efficient catalyst for water purification** in the 4th international conference on Science and technology for Society ICSTS-2019 during 13-15th May 2019 held at East West Institute of Technology Bengaluru.
- 40.M.Mylarappa**, presentation on **synthesis and structural features of natural clay doped nano ferrites recoverd from waste battery collection** in the international conference on Trends in global research in information technology and impacts on environment in association with Toucan research and development Jharkhand organized by SJR College of Science, Arts and Commerce Bengaluru-09 on 3rd -4th August-2019. ISBN: 978-81-93973-46-2.
- 41.M.Mylarappa**, presentation on **synthesis and characterization of MgO nano particles by solution combustion method** in the international conference on Trends in global research in information technology and impacts on environment in association

with Toucan research and development Jharkhand organized by SJR College of Science, Arts and Commerce Bengaluru-09 on 3rd -4th August-2019. ISBN: 978-81-93973-46-2.

42.M.Mylarappa, presentation on **synthesis and structural aspects of ZnO nano particles by solution combustion method for water purification** in the international conference on Trends in global research in information technology and impacts on environment in association with Toucan research and development Jharkhand organized by SJR College of Science, Arts and Commerce Bengaluru-09 on 3rd -4th August-2019. ISBN: 978-81-93973-46-2.

43.M. Mylarappa, presentation on **Synthesis and Characterization of Clay/NiFe₂O₄ Nano Composite from Waste Batteries for Super Capacitors Studies** in the International Conference on Life, Chemical, and Health Sciences during 24-26th -2019 organized by Department of life sciences, Ramaiah college of arts, Science& Commerce, Bengaluru.

44.M. Mylarappa, presentation on **A comparative study of Chemical and Green Synthesis of ZnO Nanoparticles: An Efficient Catalyst for Photocatalytic activity** in the International Conference on Life, Chemical, and Health Sciences during 24-26th - 2019 organized by Department of life sciences, Ramaiah college of arts, Science& Commerce, Bengaluru.

Any other information:

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