

STAFF PROFILE



1) Name: Dr. S.V. Ganesan

2) Designation: Associate Professor of Chemistry

3) Department: Department of Chemistry

4) Qualifications:

Academic: M.Sc., M.Phil., Ph.D.

Additional: NET

5) Experience (in years): Teaching: 15 years Research: 4 years

6) Area of Specialization: Polymer Electrolytes, Framework solids.

7) Contact: E-mail: svganesan10@gmail.com Mobile Number: 7598986846

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

Event Title	Agency	Fund Received	Date
nil	nil	nil	nil

9) Project Completed:

Project Title	Agency	Fund Received	Duration
nil	nil	nil	nil

10) Project ongoing:

Project Title	Agency	Fund Received	Duration
nil	nil	nil	nil

11) Research Guidance:

Programme	No. of Scholars	
	Completed	Pursuing
Ph. D.	nil	nil
M. Phil.	nil	nil

12) Research Publications:

	International	National
Total Number of Publications	7	2

List of International Publications:

1. **S.V. Ganesan** and Srinivasan Natarajan, Synthesis and structures of new pyromellitate coordination polymerization as a ligand, *Inorganic Chemistry*, **2004**, vol. **43**, pp.198-205.

2. **S.V. Ganesan**, Phillip Lightfoot and Srinivasan Natarajan, A new Zinc Pyromellitate, $[\text{C}_4\text{N}_2\text{H}_{12}]_{0.5}(\text{NH}_2(\text{CH}_3)_2)[\text{Zn}(\text{C}_{10}\text{H}_2\text{O}_8)] \cdot 1.78\text{H}_2\text{O}$ with layered structure, *Solid State Sciences*, **2004**, vol. 6, pp.757-762.
3. **S.V. Ganesan**, A. Thirumurugan and Srinivasan Natarajan, Synthesis and structure of a molecular zinc phosphate $[(\text{C}_{12}\text{H}_8\text{N}_2\text{Zn})_2(\text{HPO}_4)(\text{H}_2\text{PO}_4)_2]$, *Z. Anorg. Allg. Chem.*, **2003**, vol. 14, pp.2543-2548.
4. Jaclyn L. Brusso, Oliver D. Hirst, Afshin Dadvand, **Srinivasan Ganesan**, Dmitrii F. Perepichka et.al., Two-Dimensional structural motif in thienoacene semiconductors: Synthesis, structure, and properties of Tetrathienoanthracene isomers, *Chem. Mater*, **2008**, vol.20, pp.2484 – 2494.
5. **Ganesan, S.V.**; Mothilal, K. K.; Selvasekarapandian, S.; Ganesan T. K.; Studies on conductivity, morphology and thermal stability of PMMA-PSAN based Solid Polymer Electrolytes using SiO_2 as nanofiller., *Int. J. of ChemTech Research*. (2017), Vol.10, No.7, pp. 55 -65.
6. **Ganesan, S.V.**; Mothilal, K. K.; Selvasekarapandian, S.; Ganesan T. K.; The effect of Titanium dioxide nano-filler on the conductivity, morphology and thermal stability of poly(methyl methacrylate) - poly(styrene-co-acrylonitrile) based composite solid polymer electrolytes., *Journal of Materials Science: Materials in Electronics* (2018), Vol.29 (10), pp. 8089–8099
7. **Ganesan, S.V.**; Mothilal, K. K.; Ganesan T. K.; The role of Zirconium Oxide as nano filler on the conductivity, morphology and thermal stability of poly(methyl methacrylate) - poly(styrene-co-acrylonitrile) based plasticized composite solid polymer electrolytes., *Ionics* (2018) **24:3845-3860**

List of National Publications:

8. **S. V. Ganesan** and Srinivasan Natarajan, Hydrothermal synthesis and structure of $[(\text{C}_4\text{N}_2\text{H}_{12})_3][\text{P}_2\text{Mo}_5\text{O}_{23}] \cdot \text{H}_2\text{O}$ and $[(\text{C}_3\text{N}_2\text{H}_{12})_3][\text{P}_2\text{Mo}_5\text{O}_{23}] \cdot 4\text{H}_2\text{O}$ in the presence of organic amine molecules, *J. Chem. Sci.*, May **2005**, vol.117, No.3, pp.219 - 226.
9. **S. V. Ganesan** and Srinivasan Natarajan, A lanthanum pyromellitate coordination polymer with three-dimensional structure, *J. Chem. Sci.*, 2004, vol.116, No.2, pp.65 -69.

13) Chapters in Books: nil

14) Other Publications (Proceedings): nil

15) Books Published: nil

16) Presentation in Seminar / Conference:

International:

1. **Ganesan, S. V.;** SelvaMurugan, M.; Thamima, M.; Karuppuchamy, S.; Mothilal, K.K.; Effect of different lithium salts on the properties of san based solid polymer blend electrolytes., paper presented in *International Conference on Energy, Environment, and Engineering (ICEEE-2016)* at Government College of Technology, Coimbatore, **29/02/2016 – 2/3/2016**.
2. **Ganesan, S.V.;** Mothilal, K. K.; Selvasekarapandian, S.; Ganesan T. K.; Effect of TiO₂ as filler for PMMA/SAN based Composite Solid Polymer Electrolytes., paper presented in *International Conference on Recent Trends in Materials Science and Applications* at SriMeenakshi Govt. Arts College for Women, Madurai, **Jan 06, 2017**.
3. **Ganesan, S.V.;** Mothilal, K. K.; Selvasekarapandian, S.; Ganesan T. K.; The role of ZrO₂ as nano-filler on conductivity, morphology and thermal stability of PMMA-SAN based Composite Solid Polymer Electrolytes. paper presented at *Int. Conference on recent developments in arts, science, agriculture and environment* at Kaula Lumpur, Malaysia, **May 5-8, 2017**.

National:

17) Participation in Conference: NA

18) Participation in Seminar: NA

19) Participation in Workshop:

Name of the Workshop	Name of the Sponsoring Agency	Place and Dates
National workshop on “Applications of Nanoparticles, Materials & Sensors”.	DST, CSIR, UGC & DRDO	PG & Research Department of Chemistry, The American College, Madurai – 2 and 07.12.2012 to 08.12.2012
National workshop on “Interpretation of spectral data and identification of phyto-constituents”.	Karpagam University	Department of Chemistry, Karpagam University, Coimbatore. 24.10.2013 to 25.10.2013
One day workshop on Nuclear Chemistry	Thiagarajar college	Department of Chemistry, Thiagarajar College, Madurai. 19.09.2009

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

Title of the Course	Organising Institution	Sponsored agency	Subject	Duration
Orientation	UGC-HRDC, Madurai Kamaraj University,	UGC	GENERAL	05/05/2010 to 01/06/2010
Recent Trends in Chemistry	UGC-HRDC, Madurai Kamaraj University,	UGC	CHEMISTRY	05/11/2013 to 25/11/2013
Recent Advances in Chemistry	UGC-HRDC, Madurai Kamaraj University,	UGC	CHEMISTRY	16-11-2018 - 06/12/2018
Environmental Awareness	UGC-HRDC, Madurai Kamaraj University,	UGC	CHEMISTRY	06/12/2019 - 19/12/2019

21) Participation in Faculty Development Programme:

22) Conference/ Seminar/ Workshop Organized:

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

1. Presented a seminar on the topic “Everyday science” on 9th October 2013 at Kendriya Vidyalaya, Thirupparankundram, Madurai – 625 005 on the occasion of 41st KVS Regional Science Exhibition.
2. Delivered a lecture on “Name Reactions and Rearrangement Reactions” as part of the CLUSTER PROGRAM conducted for NET/SET aspirants of various colleges at Saraswathi Narayanan College on 30th August 2015.

24) Other Co-curricular / Administrative Responsibilities:

25) Member in Board of Studies:

26) Editorial/ Review Board Member:

1. Journal of Thermoplastic composite materials – Review Board Member
2. Journal of Materials Science: Materials in Electronics - Review Board Member
3. Macromolecular Symposia - Review Board Member
4. Journal of Applied Electrochemistry – Review Board Member

27) Membership in Professional Bodies:

28) Awards received:

29) Consultancy:

30) Patents:

31) Any other information:

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