


Sri Sai Ram Engineering College
Department Of Humanities And Sciences

Name : Dr. V.T.GEETHA	
Designation :	Associate professor
Qualification :	MSc. M.Phil., Ph.D.,
Area of Specialisation	CHEMISTRY
Experience :	Teaching : UG : 18.6 yrs PG : yrs
	Industry : yrs
No. of Workshop / Conferences / FDP attended	53
Publication :	Journal National : 1 International : 8
	Conference National : 7 International : 4
Research Guidance :	
General :	<ul style="list-style-type: none"> ● I have compiled the Anna University (CY6151 - Engineering Chemistry - I) semester exam question paper for the year Nov/Dec2016 which has been assigned for all colleges affiliated to Anna University.
Staff Achievements	Achieve 100% result in <ul style="list-style-type: none"> ● Engineering Chemistry I, ● Engineering Chemistry II, ● Environmental Science and Engineering many times.

Educational Qualification:

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.Sc	General Chemistry	1998	Annai Velankanni college	Manonmanium Sundaranar University	62.39	I
PG	M.Sc	General Chemistry	2001	Annai Velankanni college	Manonmanium Sundaranar University	63.37	I
Ph.D.	M.Phil	General Chemistry	2005	-	Manonmanium Sundaranar University	60.25	I
Ph.D.	Ph.D.	Nano technology	2021	-	Hindustan University		

Academic Experience:

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Sri Sairam Engineering College	Associate Professor	05.08.2009	Till date	12	5	25
Saveetha University	Lecturer	12.10.2006	04.08.2009	2	11	8
Bharath University	Lecturer	02.09.2003	11.10.2006	3	1	9
Total				18	5	12

PUBLICATIONS

Journals:

International:

1. V.T.Geetha, G.Puthilibai, S.Induja, "A starch-assisted innovative synthesis of spinel-structured and ferromagnetic behavior of Fe_3O_4 nanoparticles catalytic activity evaluated in the selective oxidation", *SN Applied Sciences*. Vol.1, No.1, pp.472, 2019.
2. V.T.Geetha,G.Puthilibai, S.Induja, "Synthesis, Properties and Catalytic Applications of Co_3O_4 Nano Materials with Photoluminescence Emission spectra for Oxygen Vacancies", *Journal of Advanced Science Engineering and Medicine*. Vol.11, No.7, pp.600-605, 2019.
3. V.T.Geetha, G.Puthilibai, S.Induja, "A new Understanding of Mn_3O_4 catalysts Different Fuels for Highly Selective Oxidation of Cyclohexane", **Sensor Letters**. Vol.17, No.7, pp.530-537, 2019.
4. V.T.Geetha, G.Puthilibai, "Green Synthesis and Catalytic Applications of Fe_3O_4 Nano Materials", **SSEC Tech Journal**. Vol.11, pp.11-16, 2019.
5. V.T.Geetha, S.Induja, G.Puthilibai, "Study of the effect of Photoluminescence Structural and Magnetic Properties of Nd doped $\text{Nd}_x\text{Ni}_{1-x}\text{O}_x$ hexagonal Particles", **Physica E**, Vol.118,2020.
6. V.T.Geetha, , S.Induja, G.Puthilibai, "Influence of structural, Thermoelectric power and Catalytic Efficiency of Nd doped Mn_3O_4 ", **Asian Journal of Chemistry**, Vol.32,147-152,2020.
7. V.T.Geetha, S.Induja, G.Puthilibai, "Effects on the Crystal Structure, Magnetic and Optical Properties Nd doped Co_3O_4 Nanoparticles Prepared by Microwave Synthesis", **Journal of Superconductivity and noval Magnetism**. Vol 32, No4, pp1-7, 2019.
8. V.T.Geetha, S.Induja, "Nd-Doped Fe_3O_4 Nanoparticles: Microwave Synthesis, Catalytic Properties in Selective Oxidation of Styrene". **Asian Journal of chemistry**. Vol. 33, No. 3, pp.583-590, 2021.
9. V.T.Geetha, S.Induja, "Structure, Morphological, Magnetic and Antibacterial Studies of Undoped and Ce/Mg-doped NiO nanoparticles semiconductors by Microwave method. (Accepted for publication in **Journal of Super Conductivity and Noval Magnetism**).

Conferences:

1. National conference on “Chemistry & Materials”, on 22nd March 2019 at Saveetha Engineering College.
2. National conference on “Current trends in Energy Conversion Devices and Environment 22nd and 23rd February 2019 at Selvam Arts and Science College.
3. International conference on “Mechanical, Materials and Manufacturing systems on 24th and 25th February 2016 at Sri Sairam Engineering College.
4. National level workshop on “Advancements in Chemical sciences on 18th July 2016 at Srisairam Institute of Technology.
5. National level seminar on “Recent Trends in Laser Spectroscopy and its Applications” on 17th Oct 2013 at Sri Sairam Engineering College.
6. JEUNES ESPRITS DEVOCATION VERS L'ESPRIT D'ENTERPRISE on 8-10 Jan 2013 at Sri Sairam Engineering College
7. National seminar on GENES TO GENOMICS, Wound healing Investigations on the Isolated Flavonoids of C.Pulcherrima on 22nd Sep 2005 at Bharath University.
8. National level Symposium on Emerging Trends in Bio-technology, Anti-bacterial Investigations of Isolated flavonoids of P.Murex on 29th and 30th Sep 2005 at Shri AndalAlagar College of Engineering.
9. International conference on Indo-UK International Virtual Conference on “Advanced Nanomaterials for Energy and Environmental Applications” on 16th -18th September, 2020, at Alagappa University.
10. National Conference on “Emerging Materials and Nanotechnology” on 28th to 29th Feb 2020, at Thiruvalluvar Government Arts College, Rasipuram.
11. International Virtual conference on “Chemical Research for Sustainable Development, on 24th to 25th Sep 2021 at SRM Institute of Science and Technology, Chennai.

Workshops:

1. Workshop on Industry-Institution Interaction Event on Environment Management in Industrial sector-Status and Needs on 24-25th July 2015.
2. National seminar on “Environmental issues and sustainable development” on 11th and 12th Nov 2013 at Sri Sairam Engineering College.
3. Workshop on “Art of Journal and Thesis writing” on 19th Jan 2012 at Sri Sairam Engineering College.
4. Workshop on “Recent trends in Analytical Instrumentation” on 12th April 2005 at S.R.M. Engineering College, Kattankulathur.

5. Online Workshop on Inculcating Universal Human Values in Technical Education. AICTE, 12th to 16th October 2020.
6. DST-FIST Sponsored Virtual Worksop on “Scanning Electron Microscopy” on 5th to 6th October 2021 at Sethu Institute of Technology.
7. Webinar on “Raman Spectroscopy and its Applications in Materials Science”, on 28th January 2022.

FDP:

1. Faculty development programe on “Engineering Teaching Pedagogy and Effective Learning Process”, 3-7th December 2018.
2. Faculty development programe on “Characterization of Materials on 20th and 21st July 2017 at Sri Sairam Institute of Technology
3. Attended the AICTE sponsored short term training programme on “Natural Fiber Composites –Recent technology for Sustainability and Eco-friendly Environment” at Sri Sai Ram Engineering College from 24.6.19 to 29.6.19.
4. Attened the MHRD sponsored MHRD FDP on “Recent innovation in Electrical, Electronics, Instrumentation, Automation and Teaching Pedagogy at Sri Sairam Engineering College from 18.05.2020 to 30.05.2020.
5. Attened the ATAL FDP Energy Engineering 5th to 9th October 2020, at Netaji Subhas University of Technology.
6. Attended the FDP on Recent Innovations in Electrical, Electronics, Instrumentation, Automation and Teaching Pedagogy 18th to 30th May 2020, By Sri Sairam Engineering College.
7. Attended the International FDP programme on EDUCATION 4.o The Future Ahead, 10th to 14th August 2020. By Sri Sairam College of Engineering, Bengaluru.
8. Attended the Human Values, Ethics, Morals, Behavioural Science and Attitude by AICTE 10th to 15th Sep 2020, KIIT college of Engineering Gurugram.
9. Attended the Five Days International Faculty Development Program on “Nanaomaterials”, on 23rd to 27th November 2021 at St. Mary’s College.

ON - LINE COURSES

1. Completed one online course (NPTEL) of eight weeks with elite category along with FDP.

2. Udemy : Complete General Chemistry, 10th July 2020-08-14
3. Simpli Learn: Introduction to IOT, 05th April 2020
4. Simpli Learn: Introduction to Cybersecurity, 07th April 2020
5. Coursera: Introduction to Psychology, 19th May 2020
6. Coursera: Gmail.The foundation to Assessing Google Apps, 19th May 2020
7. Coursera: Spread sheet for Beginners using Google Sheet, 19th May 2020
8. Coursera: Create Informative Presentation with Google Slides, 19th May 2020
9. Corsera: The Sustainable Development Goals-A global, transdisciplinary vision for the future, 19th June2020.
10. Corsera : Grow to Greatness: Smart Growth for private Bussiness Part I, 19th June2020
11. Corsera : Grow to Greatness: Smart Growth for private Bussiness Part II, 19th June2020
12. Corsera :The Holocaust- An Introduction(1): Nazi Germany: Ideology, The Jews and the world, 19th June2020
13. Corsera : Ecology: from cells to Gaia, 19th June2020
14. Corsera : Beyond the Sustainable Development Goals: Addressing Sustainability and Development, 18th June2020
15. Corsera: Social Psychology, 09th June 2020.
16. Online Webinar on “Recent trend in Covid-19, Diagnosis and Management” , VISTAS, 3rd June2020.
17. Webinar Series on “Research “, VISTAS, 22nd June to 24th June 2020.
18. National level webinar on “ Watershed Prioritization”, VMRF, on 30th May 2020
19. International level webinar on “Influence of Electromagnetic Theory in 5G Applications”, Sri Sairam Engineering College, October 31, 2020.
20. Online webinar on “Recent trends in covid-19, Diagnosis and Management”, VISTAS, 3rd June 2020.
21. National level webinar on “Environment and Cancer”, Arasu Engineering College, Kumbakonam, 3 rd Feb 2021.
22. International Webinar on “Natural Products and Drug Development”, on 4 th to 6 th October 2021 at Crescent Institute of Science and Technology, Chennai.
23. Webinar on “Magnetic Nanocarriers for Enhanced Enzyme Activity”30th May 2020 at Prathyusha College of Engineering, Chennai.
24. Completed one NITTTR course (Module3: Communication Skills, Modes and Knowledge Dissemination), September 2021.

25. International Webinar on “Surface Chemistry and Catalysis”, on 16th December 2021.
26. Webinar on “Raman Spectroscopy and its Applications in Materials Science”, on 28th January 2022.

OTHERS

- Certified internal auditor of ISO 9001:2015 Quality Management System and Audit Training.
- Life Member of the “Indian Society for Technical Education” LM127900