



V. ANITHA

MSc., MPhil., B. Ed.,,

ASSISTANT PROFESSOR

CONTACT DETAILS

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MEMBER IN PROFESSIONAL BODIES

ACS COMMUNITY MEMBER

NATIONAL COUNCIL OF TEACHER SCIENTIST

ADDITIONAL RESPONSIBILITIES

**Institute Coordinator-
IIRS- ISRO Outreach
Programme**

PROJECT GUIDANCE

B.Sc-37

WORK EXPERIENCE

Assistant Professor

Sri G.V.G Visalakshi College for Women | Feb 2014 - present

Assistant Professor

Ayya Nadar Janaki Ammal College | June 2013 - Nov 2013

EDUCATIONAL HISTORY

MPhil Synthesis of quinolines by solid acid catalysts (A Comparative study)

Ayya Nadar Janaki Ammal College | 2013-2016

MSc Microwave assisted synthesis and characterisation of α -pyridyl-N-aryl nitrones

Ayya Nadar Janaki Ammal College | 2011-2013

E-CONTENT:

Teacher's e-Kit (e-content in Four Quadrants Format) in Chemistry at GAD-TLC of MHRD under the PMMMNMTT scheme in the topic of "Acids and Bases".

RESOURCE PERSON

Acted as resource person- Online workshop on "Multimedia enriched e- Assignment" Nallamuthu Goundar Mahalingam College, Pollachi on 05.06.2020

MOOC/ ONLINE COURSES COMPLETED

- Online Course on "Understanding of Open Educational Resources" August 2018
- Five days Online Course on "Stress Management" 13.04.2020 to 17.04.2020
- Four -week online course on " Cooperative Learning Pedagogy" 22.05.2020- 18.06.2020
- Four -week online course on " Chem-mystery: Unravelling the History of Chemistry" May 2020
- Online course on " Satellite Photogrammetry and its Application" from 29.06.2020 to 03.07.2020- IIRS- ISRO Outreach Programme
- MOOC on "Blended Learning Practice" 12.07.2020- 08.08.2020

Massive Open Online Course" Learning to Learn Online" 10.08.2020- 13.09.2020



WEBINAR/SEMINAR/CONFERENCE PARTICIPATION

- India International Science Festival 2020 **"National Science Teachers Congress"** 22.12.2020-25.12.2020_Ministry of Science & Technology, Ministry of Earth Sciences, and Ministry of Health & Family Welfare in association with Vijnana Bharati (VIBHA)
- National Virtual Conference on **"Recent Advances in Analytical Techniques- 2020"** 16.08.2020 and 17.08.2020,- Uttarakhand Science Education and Research Centre (USERC)Department of Science and Technology, Govt. of Uttarakhand.
- National Seminar (web) on **"Ancient Indian Education System"**.13.07.2020, NITTR Kolkata
- Two Days National Webinar on **"Learning Management System"** 10.07.2020 and 11.07. 2020 GHG KHALSA COLLEGE OF EDUCATION, GURUSAR SADHAR, LUDHIANA
- One Day National Webinar entitled **"ICT Enabled Science Education in India"**28.06.2020, Telangana Academy of science in association with GAD-TLC of MHRD, SGTB Khalsa College, University of Delhi.
- 4 Day Online International Conference on **ERADICATION OF BIOLOGICAL AND CHEMICAL WEAPONS**, 23.06.2020-26.06.2020-MIT World Peace University, Pune supported by UNESCO
- National Webinar on **"Teaching during and Post Covid times"**12.06.20203.00 to 6.00 pmGAD-TLC of MHRD, SGTB Khalsa College, University of Delhi.
- Live Webinar on **"Preparing for Post- Pandemic Education"** 10.06.2020, CIT - Teaching Learning Centre,Coimbatore Institute of TechnologyCoimbatore
- International Webinar **"Use of Blooms taxonomy in Quality online Teaching and Evaluation"**02.06.2020 GS College of Commerce and Economics, Jabalpur, MP
- Webinar titled on **"Laboratory Safety Practices"** 31.05.20204.00 pm to 6.00 pmDepartment of Chemistry, SIES College of Arts, Science and Commerce(Autonomous), Sion (West), Mumbai
- Two Day National Webinar on **"ICT Tools for College Teachers"** 28.05.2020 and 29.05.2020 Internal Quality AssuranceCell (IQAC), Seth Kesarimal Porwal College of Arts and Science and Commerce, Kamptee, Nagpur, Maharashtra
- National Webinar on **"Women in Higher Education: Issues and Challenges during Corona Pandemic"** 27.05.202, GAD-TLC of MHRD, SGTB Khalsa College, University of Delhi.
- National Webinar on **"Cybergogy for 21st Century Classrooms"** 18.05.2020 to 19.05.20203.00 to 6.00 pmInter University Centre for Teachers Education (IUCTE), Department of Education, Maharaja Sayajirao University of Baroda, Vadodara
- National Webinar on **"e-Content Development Methodology: Four Quadrant Model, OERs and Copyright issues"** 15.05.2020, GAD-TLC of MHRD, SGTB Khalsa College, University of Delhi.
- Webinar on **"Drafting a Patent Application & Procedure for Filing an Indian Patent"** 10.05.2020, Vignan Pharmacy College, Vadlamudi, Guntur
- One Day National Webinar On **"Effective Ways To Develop E-Content"**09-05-2020.-IQAC, Smt. Devkiba Mohansinhji ChauhanCollege of Commerce and Science, Silvassa, UT of Dadra & Nagar Haveli.in collaboration withKNOWLEDGE BRIDGE, AHMADNAGAR
- Webinar on **"Crystallography and its Applications"** 08.05.2020-Department of Science and Humanities, Er. Perumal Manimekalai College of Engineering, Hosur.
- National Webinar on **"Corona Pandemic and Economic Challenges in India"**04.05.2020, GAD-TLC of MHRD, SGTB Khalsa College, University of Delhi.
- National Webinar on **"Challenges & Opportunities before Indian Higher education due to Covid-19"** 02.05.2020, GAD-TLC of MHRD, SGTB Khalsa College, University of Delhi.
- **"A VIRTUAL VISIT TO THE HOME OF ELECTRONS"** 02.05.2020, Department of Chemistry, SRM Institute of Science and Technology, Ramapuram Campus, Chennai-89
- National Webinar on **"Towards Excellence in Higher Education in India in the 21st Century: Challenges and Opportunities"** 29.04.2020, GAD-TLC of MHRD, SGTB Khalsa College, University of Delhi.
- National Webinar on **"Roles of Teachers in Technology driven Higher Education"** 25.04.2020, GAD-TLC of MHRD, SGTB Khalsa College, University of Delhi.
- National Webinar on **"ICT Enabled Higher Education in India: Challenges and Opportunities"** 13.04.2020, GAD-TLC of MHRD, SGTB Khalsa College, University of Delhi.
- National Webinar on **"Development of Higher Education in India: An Overview"** 09.04.2020, GAD-TLC of MHRD, SGTB Khalsa College, University of Delhi.



WEBINAR/SEMINAR/CONFERENCE PARTICIPATION

- 37th Edition of "BRIDGE 2019 - CHENNAI" (The Largest Industry-Institute Interaction Event of Asia), organized by ICT Academy held on 31 January 2019 at Hotel Le Royal Meridien, Chennai
- International Conference on "Frontiers in Nanotechnology and Computational Chemistry", Sri GVG Visalakshi College for Women, Udumalpet, on 28th December, 2018.
- "National Science Teacher's Congress, 4th India International Science Festival (IISF 2018)", 06th and 07th October 2018, Indira Gandhi Pratishthan, Lucknow.
- National level Conference on "Recent Trends in Remote sensing Epidemiology and Nanotherapeutics in Disease", Sri GVG Visalakshi College for Women, Udumalpet, on 22nd February, 2018.
- National level Seminar on "Recent Trends in Chemistry (RTC- 2015)", Jayaraj Annapackiam College for Women, Periyakulam, on 18th & 19th February (2 days), 2015.
- National Level Workshop on "Fundamentals and Applications of Catalysis", Gandhigram Rural Institute, Gandhigram, on 17th October, 2014.
- One day Seminar cum Workshop on Water Analysis, Ayya Nadar Janaki Ammal College, Sivakasi, on 16th February, 2013.
- National Science Academies (IASc, INSA, NASI) lecture Workshop on "Bioinorganic Chemistry and its applications", Madurai Kamaraj University, Madurai, 28- 30th September (3 days), 2012.
- National Conference on "Role of Chemists in Advanced Chemistry (RCAC-2011)", Ayya Nadar Janaki Ammal College, Sivakasi, on 25&26th July (2 days), 2011.

WEBINAR/SEMINAR/CONFERENCE PRESENTATION

- International Web-Conference on Recent Trends in Scientific Research "Photocatalytic activity of ZnO/Ca-Al layered double hydroxide for enhanced photodegradation of Rhodamine B dye under solar light" 03.08.2020 and 04.08.2020, Department of Chemistry in collaboration with Tamil Nadu State Council for Science and Technology, Department of Science and Technology, Government of India held.
- National Seminar on " Role of Phytochemicals and Advanced Materials in Cancer Prevention and Research" ZnO - Ca-Al Layered Double Hydroxide composite material with superior photocatalytic activity for enhanced photodegradation of Congo red dye" 26.02.2020 - 27.02.2020 PG Department of Chemistry, NGM College, Pollachi.
- Young Scientists'Conference-Frontier areas of Research, "Growth, optical,thermal, dielectric and mechanical properties of Nickel Copper L- phenylalanine Perchloric acid Metal Organic Frameworked nonlinear optical single crystal" 05.11.2019-08.11.2019, IISF 2019, Biswa Bangala Convention Centre, Kolkata
- National level Seminar on "Emerging Trends in Frontiers of Chemistry (ETFC-2014)", Microwave Assisted Synthesis and Characterisation of A-Pridyl-N-Phenyl Nitrone, Sri GVG Visalakshi College for Women, Udumalpet, on 30th December,2014.



ORIENTATRION/ REFRESHER COURSE / FACULTY DEVELOPMENT PROGRAMME

- One week FDP-Development of **Teacher's e-kit and MOOCs in Four Quadrant Format of e-Content**"- 12.09.2020- 20.09.2020_GAD-TLC of MHRD, SGTB Khalsa College, University of Delhi
- Five Day FDP on **Innovative Teaching Learning Methodologies**- 06.07.2020- 10.07.2020 CIT - Teaching Learning Centre, Coimbatore Institute of Technology Coimbatore
- FDP on "**Nanoscience and Technology (Energy, Environment and Healthcare)**"29.06.2020- 07.07.2020, Sathyabama Institute of Science and Technology in association with Indian Institute of Information Technology Design and Manufacturing Kancheepuram (IIITDM)
- Module 2 of the National level FDP on "**ICT Tools for Technology Infused Learning V2.0**"29.06.2020- 04.07.2020-Department of ECE Saveetha Engineering College
- Three days International Virtual Faculty Development Program (FDP) on "**Educational Strategies for Universal Learners**" 22.06.2020 to 24.06.2020.-School of Education, VISTAS, Chennai
- Module 1 of the National Level FDP on "**ICT Tools for Technology Infused Learning V2.0**".22.06.2020 - 27.06.2020-Department of ECE Saveetha Engineering College
- Two week Faculty Development Programme on "**Multimedia and Drawing**" 03.06.2020-16.06.2020 by Department of Computer Science, Government First Grade College, Harihara in association with spoken tutorial IIT Bombay (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India)under the scheme of PMMMMNTT
- Two Day Hands - on Training On Technology Assisted Teaching Tools29.05.2020-30.05.2020-CIT - Teaching Learning Centre, Coimbatore Institute of Technology Coimbatore
- One day FDP on "**Online Teaching Learning Tools**"27.05.2020_Department of Computer science and application, G.S. College of Commerce & Economics (Autonomous), Jabalpur
- One week Faculty Development Program "**Multimedia enriched e- Content Development**" 21.05.2020 -26.05.2020-GAD-TLC of MHRD, SGTB Khalsa College, University of Delhi
- One Week Virtual International Faculty Development Programme on "**ADVANCEDTOPICS IN CHEMICAL SCIENCES**".15.05.2020- 21.05.2020-Post Graduate Department of Chemistry, Nallamuthu Gounder Mahalingam College, Pollachi
- One day FDP on "**Building Partnership and Resources**" 08.05.2020-Sri Kanyaka Parameswari Arts and Science College for Women, Chennai
- Online Faculty Training Program on "**Cyber Security**"07.05.2020, IQAC and Department of IT & Mathematics, The S.I.A. College of Higher Education Dombivli (E), Thane, in association with Indian Servers
- 3 days FDP- **Quality Enhancement in Higher Education Institutions'** - Future Vision 04.05.2020- 06.05.2020 - IQAC, St. Ann's College for Women, Hyderabad
- Two Weeks FDP on "**Managing Online Classes and Co-Creating MOOCs**" 20.04..2020 - 06.05.2020, Teaching Learning Centre, Ramanujan College, University of Delhi
- Two Day Faculty Development Program on "**VIRTUAL TEACHING**" THROUGH ON-LINE MODE" 20.04.2020 - 21.04.2020, CIT - Teaching Learning Centre, Coimbatore Institute of Technology Coimbatore
- National Level Faculty development program on "**Entrepreneurship: Pathfinder of National Development**" 14/10/2019 - 25/10/2019, Avinashilingam Institute for Home Science and Higher Education for Women Coimbatore
- **Refresher Course** , 20.09.2019 - 03.10.2019, UGC- HRDC, Bharathidasan University, Tiruchirappalli
- **Orientation Programme**, 15/11/2017 to 12/12/2017 (28 days), UGC- HRDC, Bharathidasan University, Tiruchirappalli
- Six Days refresher Course on "**MLM Preparation using Adobe Flash**", by Centre for Technology Enhanced Learning (CTEL), Ayya Nadar Janaki Ammal College, Sivakasi, on 16/07/2013, 23/07/2013, 30/07/2013, 06/08/2013, 13/08/2013 & 20/ 08/2013.
- One day Workshop on "**MLM Preparation for Faculty Members**", by Centre for Technology Enhanced Learning (CTEL), Ayya Nadar Janaki Ammal College, Sivakasi, on 10/06/2013.



WORKSHOP/TRAINING PROGRAMME

- Five-Days National E-Workshop on '**Surface Characterization: Tools and Applications**' Department of Metallurgical and Materials Engineering National Institute of Technology Karnataka (NITK), Surathkal P.O. Srinivasnagar, Surathkal, Mangaluru,
- One Week Online Workshop on "**Academic Writing and Ethics in Research**" 02.12.2020- 08.12.2020 Guru Nanak Dev University Amritsar, School of Education PMMMNMTT, Govt. of India
- **One Week QGIS Training Program**, 12.08.2020- 18.08.2020-Geotech GIS Training Institute Aurangabad, Maharashtra, India
- One Week online National workshop on "**Learning Management System: MOODLE**" 27.07.2020-02.08.2020_TLC, Department of educational technology, SNDT Women's University, Mumbai.
- PMMMNMTT (MHRD) sponsored online National workshop on "**Curriculum Design and Development**" 21.07.2020- 31.07.2020, Centre for Curriculum Research Policy and Educational Development under PMMMNMTT scheme, School of Education, Central University of Punjab, Bathinda
- One Week Pedagogical Training for Teachers on "**Tools for Online Teaching Learning and Evaluation**" 01.07.2020- 06.07.2020-School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded, Maharashtra
- Online workshop on "**NUANCES IN COMPUTATIONAL CHEMISTRY**" 02.07.2020- 05.07.2020-PG Research Department of Chemistry, DDGD Vaishnav College, Chennai
- 3 Days National Workshop on **Remote Learning Technology for Higher Education** 26.06.2020 to 28.06.2020- IQAC, Central University of Kerala
- Science-Academies'-IN-YAS "**Science Leadership Workshop**" 22.06.2020 - 28.06.2020-Central University of Punjab, Bathinda
- **The BodhiTree and SAFE Tools for Effective Online Teaching: A Hands-On Workshop**, 21.06.2020-Teaching Learning Centre (ICT) at IIT Bombay, funded by PMMMNMTT.
- National Online Workshop on "**Blended Learning**" 13.06.2020 Department of Educational Technology, SNDT Women's University, Mumbai
- Online National Workshop entitled "**Creating Video Lecture using OBS studio**" 10.05.2020-Internal Quality Assurance Cell (IQAC) of Mahatma Phule Mahavidyalaya, Kingaon
- One day online Workshop on **Enhancing Research Communication Skills through Science Direct and Mendeley**" 03.05.2020, IQAC and School of Education (SOE), Faculty of Education, Dayalbagh Educational Institute, Dayalbagh Agra under the scheme of PMMMNMTT, Department of Higher Education, MHRD in collaboration with Elsevier
- National Workshop on "**FINE TUNING RESEARCH PLANNING USING ELSEVIER TOOLS: SCIENCE DIRECT, SCOPUS AND MENDELEY**" 25.04.2020, K. J. Somaiya College of Science and Commerce, Vidyavihar, Mumbai, in collaboration with Elsevier.
- National Workshop on **Development of Teacher's e-Kit- CHEMISTRY**, 21.04.2020, GAD-TLC of MHRD, SGTB Khalsa College, University of Delhi.
- National workshop on **ICT tools for Online Learning**, 20.4.2020 - 28.4.2020 -TLC, Department of educational technology, SNDT Women's University, Mumbai.