



R. CHITRADEVI

MSc., MPhil.,

ASSISTANT PROFESSOR

CONTACT DETAILS

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Women (Autonomous)
SV Mill post, Udumalpet

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WORK EXPERIENCE

Assistant Professor

Sri G.V.G Visalakshi College for Women | September-2008 - present

Assistant Professor

| Gandhigram rural Institute - August 2007- September 2008

Sri G.V.G Visalakshi College for Women- June 2005- April 2007

EDUCATIONAL HISTORY

MPhil Ruthenium(III) Complexes containing Schiff Base Ligands

Bharathidasan University | 2006-2007

MSc

APA College of Arts and Culture College | 2002-2004

BSc

Sri G.V.G Visalakshi College for Women | 1999-2002

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 "Bravais Lattice".

RESOURCE PERSON

1. Online workshop on "Multimedia enriched e-Assignment" Nallamuthu Goundar Mahalingam College, Pollachi on 05.06.2020
2. National Workshop on "Digital Transformation" Sri Ramakrishna College of Arts and Science, Coimbatore on 26.02.2021.
3. A Two-Day Workshop on "ICT Tools for the preparation of e-content" Sri GVG Visalakshi College for Women, Udumalpet, 14.12.2020 & 15.12.2020
4. A Three Day Workshop on "Interactive Video Content Development through Mobile Applications" organized under UGC- Paramarsh Scheme, Sri GVG Visalakshi College for Women, Udumalpet, 21.05.2021 to 23.05.2021.

MEMBER IN PROFESSIONAL BODIES

ACS COMMUNITY MEMBER

NATIONAL COUNCIL OF TEACHER SCIENTIST

POSITION HELD

NSS PROGRAMME OFFICER
(2014-2016, 2017-2018)

ACTED AS A JUDGE FOR SCIENCE EXHIBITION
ORGANISED BY PUTHIYATHALAIMURAI CHANNEL
FOR THE YEAR 2014 & 2015

FELLOWSHIP

"Summer Faculty Research Fellow
Programme-2021"
IIT Delhi - 17.06.2021- 04.08.2021

PROJECT GUIDANCE

B.SC -15



MOOC/ ONLINE COURSES COMPLETED

- 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
- **MOOC ON "CREATING INCLUSIVE SOCIETY FOR PEACEANDJUSTICE"**
10.06.2020-08.07.2020
- 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
- ONLINE COURSE ON "**UNDERSTANDING OF OPEN EDUCATIONAL RESOURCES**" FEBRUARY 2021
- ONLINE COURSE ON "BASICS OF RS, GIS AND GNSS" 16.08.2021-26.11.2021

Article Published

- R.CHITRADEVI, A.THIRUMOORTHY, "**WATER QUALITY INDEX AND CORRELATION STUDY FOR THE ASSESSMENT OF WATER QUALITY AND ITS PARAMETERS OF MADATHUKULAM TALK, TIRUPPUR DISTRICT, TAMILNADU, INDIA**". INTERNATIONAL JOURNAL OF APPLIED AND ADVANCED SCIENTIFIC RESEARCH, 2018,3(1): 125-135
- CHITRADEVI, R, MAGUDESWARAN, P.N, VIKAS D. GHADAMODE, POONKODI, K & ANITHA, V. (2021). **GROUND AND SURFACE WATER QUALITY ASSESSMENT OF PALLADAM TALUK USING GEOGRAPHICAL INFORMATION SYSTEM AND MODIFIED NATIONAL SANITATION FOUNDATION - WATER QUALITY INDEX. JOURNAL OF APPLIED AND NATURAL SCIENCE**, 9411(13(3)), 954-961.
- 1.CHITRADEVI, R., JEYARAJ, M., VIKAS D. GHADAMODE, POONKODI, K., RANI, V., MAGUDESWARAN, P.N, (2021). "ASSESSMENT OF WATER QUALITY USING MODIFIED WATER QUALITY INDEX AND GEOGRAPHICAL INFORMATION SYSTEM IN MADATHUKULAM TALUK , TIRUPPUR DISTRICT , TAMIL NADU , INDIA". ORIENTAL JOURNAL OF CHEMISTRY, 37(5), 1210-1220. [HTTP://DX.DOI.ORG/10.13005/OJC/370528](http://dx.doi.org/10.13005/OJC/370528)
- CHITRADEVI, R, MAGUDESWARAN, P.N, VIKAS D. GHADAMODE, POONKODI, K & ANITHA, V. (2021).**WATER QUALITY ASSESSMENT OF UDUMALPET TALUK, SOUTH INDIA USING MNSF-WQI AND GIS METHOD, ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES**, 16(21).



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, NITTTR 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 Assurance Cell (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 "**e-Content Development Methodology: Four Quadrant Model, OERs and Copyright issues**" 15.05.2020, GAD-TLC of MHRD, SGTB Khalsa College, University of Delhi.
- 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.



ORIENTATRIION/ REFRESHER COURSE / FACULTY DEVELOPMENT PROGRAMME

- One Week Online National FDP "**Four-Quadrant Model for Development of E-Content, MOOCs and Teacher's e-Kit**"- **29.9.2021-5.10.2021**, GAD-TLC of MHRD, SGTB Khalsa College, University of Delhi.
- Two week FDP on "Pedagogy and Research Methods" 24.05.2021-06.06.2021, HRDC & IQAC, Bharathidasan University.
- 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
- 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 "**ADVANCED TOPICS 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
- 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 day workshop on **Online basic training on use of ICT in teaching** - 20.4.2020-23.4.202 - **TLC, Tezpur University under PMMMNMTT** Scheme of MHRD, Assam.
- 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
- **Refresher Course** , 20.09.2019 - 03.10.2019, UGC- HRDC, Bharathidasan University, Tiruchirappalli
- National Level Faculty development program on "Entrepreneurship: Initiate and ignite" 17/09/2018 - 29/09/2018, Avinashilingam Institute for Home Science and Higher Education for Women Coimbatore
- **Orientation Programme**, 18/05/2018 to 14/06/2018 (28 days), UGC- HRDC, Bharathidasan University, Tiruchirappalli.
- Refresher Course , 05.11.2013 - 25.11.2013, UGC- HRDC, Madurai Kamaraj University, Madurai.
- Faculty development Programme, **Smart Guruz**, 17.07.2010-19.07.2010, Tuv Rheinland, "Sri G.V.G Visalakshi College for Women, Udumalpet.



WORKSHOP/TRAINING PROGRAMME

- One month training on "Innovation Ambassador training" MoE's Innovation Cell & AICET, Government of India, 30.6.2021-30.07.2021.
- 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
- National Workshop on **Development of Teacher's e-Kit** 27.04.2020, 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.
- Nss Orientation Training - 16/12/2015-22/12/2015, ETI, Avinashilingam Institute for Home Science and Higher Education for Women Coimbatore



PAPER PRESENTED

- International Web- Conference on **Physico-Chemical assessment of ground water quality in Udumalpet, Tirupur district, Tamil Nadu, India.** Dr.Ambedkar government arts college, Chennai. 4 th August 2020.
- National seminar on **Water Quality Index and Correlation Study for the Assessment of Groundwater Quality and its Parameters of Madathukulam Tiruppur District, Tamil Nadu.** PG Department of Chemistry, NGM College, Pollachi, 26.02.2020 - 27.02.2020.
- International Conference on "Recent Advances in Material and Chemical Sciences" **Assessment of Water Quality and its parameters of Vellakovil Taluk, Tiruppur District, Tamilnadu,** Gandhigram rural Institute - Dindigul 14 th -15 th December 2015.
- National seminar on "Global trends in Environmental Chemistry" **Water Quality Index and Correlation Study for the assessment of Water quality and its parameters of Dharapuram Taluk, Tiruppur District, Tamilnadu.** Sri GVG Vishalakshi College for Women, Udumalpet. 1 st October 2015.
- UGC Sponsored National seminar on "RTC-6" - **Water Quality Index and Correlation Study for the assessment of Water quality and its parameters of Udumalpet Taluk, Tiruppur District, Tamilnadu** Jayaraj Annapackiam College for Women, Periyalulam. 8 th & 9 th January 2015.
- National Seminar on "Water Crisis: The Challenges ahead of global governance" - **Water Quality Index and Correlation Study for the assessment of Water quality and its parameters of Madathukulam Taluk, Tiruppur District, Tamilnadu** PSGR Krishnammal College for Women, Coimbatore. 27 th & 28 th August 2014.
- National Level Seminar on "Recent Development in Green Chemistry"- **Seasonal changes in Borewell water in and around udumalpet.** Sri Ramakrishna Mission Vidyalaya College of arts & science- Coimbatore- 22-23 rd July 2009