

Dr. TIRUVEEDULA RAJA RAJESWARI

Principal & Professor of Chemistry,
Sri A.S.N.M Govt. College (Autonomous), Palakol,
Andhra Pradesh.

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Researcher ID: X-7801-2018

Web of Science ID: AAX-7651-2021, **Vidwan ID:** 79855, **Scopus ID:** 57323032900



Academic Profile

- **B.Sc.** Acharya Nagarjuna University, Guntur (1982-85)
- **M.Sc.** Andhra University, Vishakapatnam (Sep 1985- Jan 1988)
- **M.Phil.** Andhra University, Vishakapatnam (July 1990)
- **Ph.D.** Andhra University, Vishakapatnam (June 1995)
- Recognized as a **Research Guide** from the Dept. of Chemistry, Andhra University, Visakhapatnam from 28th Aug. 2002 - till today.
- Recognized as a **Research Guide** from the Dept. of Chemistry, Acharya Nagarjuna University, Guntur from 28th June 2012 - till today.
- Date of Birth: 10-04-1964; Date of Joining as a Lecturer: 30-10-1998; Date of Joining as a principal: 14-01-2020; Date of Retirement: 30-04-2026.

Positions Held

- Junior Lecturer – Board of Intermediate Education - A.P Social Welfare Residential College, Nakkapally & Golugonda, Vishakapatnam (Dec. 1995 – Oct. 1998)
- Lecturer - Govt. College (A), Rajahmundry, Andhra University, Vishakapatnam (Oct. 1998 – 2002)
- Senior Lecturer - Govt. College (A), Rajahmundry, Andhra University, Vishakapatnam Oct. 2002 - Nov. 2007)
- Selection Grade - Govt. College for Women (A), Guntur -Acharya Nagarjuna University, Guntur (Nov. 2007 – 2010)
- Reader - Govt. College for Women (A), Guntur - Acharya Nagarjuna University, Guntur (2010 - 23rd Jun. 2016)
- Reader - Y.A. Govt. Degree College for Women, Chirala -Acharya Nagarjuna University, Guntur (24th June. 2016 – 1st Aug. 2017)
- Reader - Govt. College for Women (A), Guntur - Acharya Nagarjuna University, Guntur (2nd Aug. 2017 - 2018) (Deputation).
- Reader - Y.A. Govt. Degree College for Women, Chirala -Acharya Nagarjuna University, Guntur (24th June. 2018 – 13th Jan. 2020).

- Principal – Govt. Degree College, Eluru. A.P. (14th Jan. 2020 – 30th Oct. 2021)
- Principal (FAC) – S.A.S.J. Government Degree College, Narayanapuram, W.G Dt, A.P. (20th Dec. 2020 – 30th Oct. 2021).
- Principal – A.S.N.M. Govt. College, Palakolu. A.P. (31st Oct. 2021 - till date)
- Deputy Warden, Govt. College for Women (A) Hostel, Guntur (2008-2009)
- Secretary in Govt. College Teachers Association, A.P. (2010-2013)

Awards and Recognitions

- Received **Savitri Bai Phule** Local Award, from Rajahmundry, East Godavari (Dt.), Andhra Pradesh in 2001.
- Received **Best Teacher Award**, from the State Govt. of Andhra Pradesh in 2010.
- Received **Indira Gandhi Memorial Award**, for recognizing Social Service against Women, Child & Environment on 19th Nov. 2014 by **Citizen Council, Telangana**.
- Received **Yugadi Puraskar Award**, from UNESCO Club of Guntur in 15th March 2015.
- Editorial Board Member, “**Impact of Pharmaceuticals and Personal Care Products on Environment and Sustainability of Environment**” on 16th & 17th Dec. 2016.
- Advisory Board Member, International Multidisciplinary conference on “**Knowledge Sharing, Technological Advancements & Sustainable Development**” (IMC-2018).

Projects handled

- UGC SERO, Hyderabad - Link No:2211/06 - Minor Research Project on “**Impact of Agro Chemicals on Soil Water and Environment in Coastal Ecosystem of Andhra Pradesh**” (2006-08).
- U.G.C-SERO, Hyderabad - Link No: 4287/12 - Minor Research Project on “**Pesticides/ POPs Residual Analysis in Guntur district**” (2012-14).

Administrative Experience

- **In-charge of Dept. of Chemistry** at Y.A. GDCW, Chirala from June 2009 – July 2011.
- **NSS Program Officer** at GDCW (A), Guntur from 2012-13, 2013-14, 2014-15.
- **Co-ordinator** for Internal & Semester Examinations for 2015-16
- **In-charge of Dept. of Chemistry** at Y.A. GDCW, Chirala from June 2016-July 2017.
- **Mana TV Co-ordinator** at Y.A. GDCW, Chirala from June 2016-July 2017.
- **Principal**, Govt. Degree College, Eluru. A.P from 14-1-2020 to 29-10-2021
- **Principal**, Sri A.S.N.M. Govt. College (A), Palakol, West Godavari (Dist.), A.P. from 30-10-2021 to till date

Outstanding Achievements

1999

- Advisory Board Member in National Conference on **Chemistry, Industry and Environment** at Govt. College (A), Rajahmundry on 25th – 27th Feb. 1999.

2011

- National Seminar conducted on 7th & 8th, Jan. 2011 on **Green Chemistry and Sustainable Development** at Govt. College for Women (A), Guntur sponsored by **Andhra Pradesh State Council for Higher Education, Hyderabad** in collaboration with **A.P Pollution Control Board, Guntur**.
- Workshop conducted for U.G Teachers Training Programme in Chemistry from 21st Feb. 2011 to 26th Feb. 2011 sponsored by **Andhra Pradesh State Council for Higher Education, Hyderabad** in the Dept. of Chemistry, GCDW, Guntur.

2012

- National Seminar conducted on 31st Oct & 1st Dec 2012 on **Impact of Pesticides and Persistent Organic Pollutants on Environment and Sustainability of the Environment** at Govt. College for Women (A), Guntur sponsored by **UGC-SERO and A.P Pollution Control Board, Hyderabad**.

2013-15

- Member, Board of Studies, JMJ College for Women (A), Tenali for two consecutive years 2013-14, 2014-15.

2016

- National Seminar conducted on 16th & 17th, Dec. 2016 on **Impact of Pharmaceuticals and Personal Care Products on Environment and Sustainability of Environment** at Y.A. Govt. College for Women, Chirala sponsored by **Andhra Pradesh State Council for Higher Education, Hyderabad** in collaboration with Chirala Municipality.

2017

- National Science Day Celebrations conducted on 27th to 28th Feb. 2017 by the Dept. of Chemistry at Y.A. Govt. College for Women, Chirala sponsored by **Andhra Pradesh State Council for Higher Education, Hyderabad**.
- Acted as a Convener for **World's Ozone Day Celebrations** conducted on 16th Sept. 2017 by the Dept. of Chemistry at Y.A. Govt. College for Women, Chirala.

Books published

- An article on **“The Gangus”** in Jeeva Nadulu (2007), Vaagdevi Publishers, Hyderabad.

Membership of Professional Societies

- Life Member of Association of Chemistry Teachers
- Life Membership in SBC NEWS Letter
- Membership in Association of Indian Universities (17th Aug. 2010 – 31st Aug. 2014)

Research Activity

S. No.	Name	Total	No. of Research Publications since entry into service		
			Scopus indexed / Web of Science	UGC-CARE Listed Journals	Others including books, if any
1.	Dr. Tiruveedula Raja Rajeswari, Principal	37	Scopus-11 / WoS-2	4	Papers -19 Book -1

- Conferences/ Seminars/ Exhibition Organized = 05
- Conferences/ Workshops attended = 43
- Resource person = 05

Research Guideships & Awarded

- A) Recognized as a Research Supervisor in the Department of Chemistry, Acharya Nagarjuna University, Guntur from 28th June 2012 – till date.
- B) Ph.Ds. – 05 (Pursuing) - 03 (Awarded in Jan. 2019, July 2021, Nov 2023), 01 (Submitted in Dec 2024).

LIST OF PUBLICATIONS

1994

- 1) P. Vani, T. Raja Rajeswari and L.S.A. Dilshitu. (1994). Kinetics and Mechanism of Oxidation of DL-Methionine by Manganese (III) in Sulfuric Acid Medium.
- React. Kinet. Catal. Lett., Vol. 52, No. 1. (175-182). **(Citation: 6)**

1995

- 2) Rajeswari R. Tiruveedhula, Vani Parvataneni* and Dikshitu S.A. Lanka. (1995). Mechanism of Oxidation of DL- Methionine by iron (III)-2,2'-bipyridyl in perchloric acid – a Kinetic Study.
- Transition Met. Chem., 20. (170-173). **(Citations: 3)**

- 3) P.Vani*, T. Raja Rajeswari and L.S.A. Dikshitu. (1995). Kinetics and Mechanism of Oxidation of DL- Methionine by Potassium Bromate in Sulphuric Acid Medium.
- J. Indian Chem. Soc., Vol. 72. (867-871).

2001

- 4) P.Vani*, T. Raja Rajeswari and L.S.A. Dikshitu. (2001). Kinetics and Mechanism of Oxidation of DL- Methionine by Thallium (III) in perchloric acid medium.
- J. Indian Chem. Soc., Vol. 78, (44-46) **(Citations: 2)**

2003

- 5) T.R. Rajeswari^a, P. Vani^{b*}. (2003). Kinetics and Mechanism of Oxidation of DL-Methionine by Ditelluratocuprate (III).

Oxidation Communications, 26, No. 2. (258-265). (**Citations: 2**)

2013

- 6) **Dr. T. Raja Rajeswari**, (September-2013). Analysis of Heavy Metals Lead, Chromium, Cadmium and Mercury in Soil and Water Samples of Guntur District, A.P.

International Journal of Engineering Research-Online (IJOER). (303-311). **ISSN: 2321-7758 (Impact Factor: 5.87) (International Citation Index)**
URL: <http://www.ijoeer.in/Vol.1Issue.3.html>

- 7) **Dr. T. Raja Rajeswari**, (December-2013). Thermogravimetric Analysis of Limestone in Guntur District.

International Journal of Engineering Research-Online (IJOER). (119-127). **ISSN: 2321-7758 (Impact Factor: 5.87) (International Citation Index)**
URL: <http://www.ijoeer.in/Vol.1.Issue.4.html>

2016

- 8) Pavani Peddi^{1*}, **Dr. T. Raja Rajeswari**², Ramana Reddy Ganji³, and Satyanarayana¹. (January – February 2016). Development and Validation of Stability Indicating RP-LC Method for Estimation of Related Substances of Enrofloxacin in Bulk and Its Pharmaceutical Formulations.

Research Journal of Pharmaceutical, Biological and Chemical Sciences. (1440-1450). **ISSN: 0975-8585 (Impact Factor: 0.35). (Scopus) (Citations: 1)**
URL: [\[203\].pdf \(rjpbcs.com\)](#)

- 9) Pavani Peddi^{1*}, **Dr. T. Raja Rajeswari**² and Ramana Reddy Ganji³. (May – June 2016). Development and validation of stability indicating RP-LC method for estimation of related substances of flavoxate HCl in bulk and its pharmaceutical formulations.

Der Pharmacia Lettre. (286-294). **ISSN: 0975-5071 (Impact Factor: 1.96). (Scopus)**
URL: <http://www.scholarsresearchlibrary.com/articles/development-and-validation-of-stability-indicating-rplc-method-for-estimation-of-related-substances-of-flavoxate-hcl-in-.pdf>

- 10) Pavani Peddi^{1*}, **Dr. T. Raja Rajeswari**² and Ramana Reddy Ganji³. (July – August 2016). Development and validation of stability indicating HPLC method for estimation of related substances in bendamustine hydrochloride.

Der Pharmacia Lettre. (183-192). **ISSN: 0975-5071 (Impact Factor: 1.96). (Scopus)**

URL: <http://www.scholarsresearchlibrary.com/articles/development-and-validation-of-stability-indicating-hplc-method-for-estimation-of-related-substances-in-bendamustine-hydr.pdf>

2017

- 11) Pavani Peddi^{1*}, **Dr. T. Raja Rajeswari**² and Ramana Reddy Ganji³. (April 2017). Development and Validation of Stability Indicating HPLC Method for Estimation of Related Substances in Avanafil.

Indo American Journal of Pharmaceutical Research (IAJPR). (8318-8329).

ISSN:2231-6876 (Impact Factor: 5.09 Index Copernicus)

URL: <http://iajpr.com/archive/volume-7/april-2017#>

DOI: <https://zenodo.org/record/2526065>

- 12) Talari Kalpana^{1*}, **Dr. Tiruvedula Raja Rajeswari**² and Ramana Reddy Ganji³. (May 2017). Development and Validation of Analytical Method for Determination of Dolutegravir Sodium, Lamivudine and Tenofovir Disoproxil Fumarate using Reverse Phase High Performance Liquid Chromatography.

Der Pharma Chemica. (117-127). **ISSN: 0975-413X (Impact Factor: 0.62 Research Gate) (Citations: 11)**

URL: <http://www.derpharmachemica.com/pharma-chemica/development-and-validation-of-analytical-method-for-determination-of-dolutegravir-sodium-lamivudine-and-tenofovir-disopr.pdf>

- 13) Talari Kalpana¹, **Dr. T. Raja Rajeswari**^{2*}. (December 2017). Development and Validation of Analytical Method for Determination of Pesticides by Using LC-Atmospheric Pressure Chemical Ionization-Orbitrap-Mass Spectrometry.

International Journal of Creative Research Thoughts (IJCRT). (200-214)

ISSN: 2320-2882 (Impact Factor: 5.97 Google Scholar) (UGC approved)

URL: <https://www.ijcrt.org/papers/IJPUB1704029.pdf>

2019

- 14) Galla Naga Hima Bindu^{1*}, **Dr. T. Raja Rajeswari**². (February 2019). Kinetics and Isotherm studies of Lead (II) ion adsorption onto *Pentapetes Phoenicea* biomass activated carbon.

International Journal of Research in Advent Technology. (877-891). **ISSN:2321-9637 (Impact Factor: 3.18)**. DOI: 10.32622/ijrat.72201981. (UGC Approved)

URL: <https://www.ijrat.org/downloads/Vol-7/feb-2019/Paper%20ID-72201981.pdf>

- 15) M.S. Swarna Pushpa¹, **Dr. T. Raja Rajeswari**^{2*}. (February 2019). Stability Indicating High Performance Liquid Chromatographic Method for the Separation and Assay of Pibrentasvir and Glecaprevir.

Journal of Emerging Technologies and Innovative Research (JETIR). (142-155).

ISSN: 2349-5162 (Impact Factor: 5.87). (UGC-CARE Listed)

URL: <http://www.jetir.org/view?paper=JETIR1902823>

- 16) Pavani Peddi¹, **Dr. T. Raja Rajeswari**², Dr. N. Usha Rani³. (May 2019). Screening of secondary metabolites in root extracts of *Couroupitaguianensis* and its in-vitro pharmacological activity study. International Journal of Basic and Applied Research. (224-257). ISSN: 2249-3352 (P), 2278-0505 (E) (Impact Factor: 5.960 Cosmos) URL: <http://www.pragatipublication.com/assets/uploads/doc/1c4cc-244-257.16683.pdf>

2020

- 17) Galla Naga Hima Bindu^{1*}, **Dr. T. Raja Rajeswari**². (March 2020). Adsorption of Acid Green 25 Dye on Pentameters Phoenicea based Active Carbon: Influence of Batch Adsorption Experimental Conditions on Uptake Kinetics and Isotherms. Parishodh Journal. (2217-2235). ISSN: 2347-6648 (Impact Factor: 6.3). (UGC-CARE Listed) DOI: [09.0014.PARISHODH.2020.V9I3.0086781.57161](https://doi.org/10.1007/978-93-323-4571-6_57161)
- 18) Pavani Peddi^{a*}, S. L. Tulasi^a, N.Usha Rani^a and **T. Raja Rajeswari**^c, A validated stability indicating RP-HPLC method for determination of Azelnidipine and its impurities in Pharmaceutical Formulation. Indian Drugs. (70-76). ISSN: 0019-462X (Impact Factor: 0.14). (Scopus) URL: <https://www.indiandrugsonline.org/issuesarticle-details?id=MTA5MQ==>
- 19) SK. Md. Altaff^a, **T. Raja Rajeswari**^b, and Ch. Subramanyam^c. (November 2020). Synthesis, a-amylase inhibitory activity evaluation and in silico molecular docking study of some new phosphoramidates containing heterocyclic ring. Phosphorus, Sulfur, and Silicon and The Related Elements. (389-397). ISSN: 1563-5325 (E), 1042-6507 (P) (Impact Factor: 1.27). DOI: <https://doi.org/10.1080/10426507.2020.1845679>. (Web of Science) (Citations: 3)

2021

- 20) M.S. Swarna Pushpa¹, **T. Raja Rajeswari**^{2*}. (November 2021). RP-HPLC Quantifiable Technique Development for Evaluating Pregabalin and Etoricoxib Combination in Tablet and Bulk Kinds. International Journal of Applied Pharmaceutics. ISSN: 0975-7058, (Impact Factor: 1.00). DOI: <https://doi.org/10.22159/ijap.2021v13i6.42759> (Scopus).
- 21) Kalpana Talari^{a,b}, Sai Krishna Ganji^d, Mani Kommu^d, **Raja Rajeswari Tiruveedula**^c, Vijayasarithi Upadhyayula^{d*}. (October 2021). Quantitative Determination of Targeted and Untargeted Pesticide Residues in Coconut Milk by Liquid Chromatography – Atmospheric Pressure Chemical Ionization – High Energy Collisional Dissociation Tandem High-Resolution Mass Spectrometry. Journal of Chromatography A. Volume 1659, (462649). ISSN: 0021-9673 (P), ISSN: 1873-3778 (O). (Impact Factor: 4.759). DOI: <https://doi.org/10.1016/j.chroma.2021.462649> (Scopus).

2022

- 22) Kalpana Talari^{a,b}, Sai Krishna Ganji^d, Satish Mutyam^d, **Raja Rajeswari Tiruveedula^{c*}**. (May 2022). Gas Chromatography-Mass Spectrometric Determination of Organic Acids by Ion Pair Liquid Extraction followed by in-situ butylation from Aqua Feed Samples. *European Journal of Mass Spectrometry*. **Volume 28(1-2) 25–34. ISSN: 1469-0667 (P), ISSN: 1751-6838 (O). (Impact Factor: 1.436).**
DOI: <https://doi.org/10.1177/14690667221103227> (Scopus)
- 23) SK. Md. Altaff^a, **T. Raja Rajeswari^b**, and Ch. Subramanyam^c. (Nov 2022). In silico ADMET, molecular docking study, and nano Sb₂O₃ catalyzed microwave-mediated synthesis of new α -aminophosphonates as potential anti-diabetic agents. *Main Group Metal Chemistry*. **Volume 45(1), 225–241. ISSN: 2191-0219 (O). (Impact Factor: 1.917)**
DOI: <https://doi.org/10.1515/mgmc-2022-0023> (Scopus)

2023

- 24) Kalpana Talari^{1,2}, Sai Krishna Ganji³, **Raja Rajeswari Tiruveedula^{4*}**. (April 2023). Gas Chromatography – Mass Spectrometric determination of bisphenol residues by dispersive solid phase extraction followed by activated carbon spheres cleanup from fish feed samples. *European Journal of Mass Spectrometry* Vol. 29(3) 181–191. [ISSN: 1469-0667 (P), ISSN: 1751-6838 (O)] (Impact Factor: 1.436).
DOI: <https://doi.org/10.1177/14690667231174446> (Scopus)
- 25) Krishnarao KL And **Rajeswari TR**, (April 2023). Synthesis of Zinc Oxide and Zinc/Silver Oxide Nanoparticles Assisted with N-Hexane Leaf Extract of *Stephania Japonica* Linn. and Antibacterial Activity against *S. Aureus* and *E. Coli*. *International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS)*, Vol. 13(1):34-48 [ISSN: 2277–4998] (Scopus-Under Galley Proof)
DOI: <https://doi.org/10.31032/IJBPAS/2024/13.1.7452>
- 26) Korampalli Lakshmi Krishnarao and **T. Raja Rajeswari***. (June 2023). Phytochemical investigation and evaluation of the antioxidant, antibacterial and antifungal activities of *Stephania japonica* L. leaves extract. *Annals of Phytomedicine*, 12(1): 477-485, 2023. [ISSN: 2278-9839 (P), 2393-9885 (O)] (Web of Science)
URL: <http://www.ukaazpublications.com/publications/wp-content/uploads/2023/July/102.pdf>
- 27) M.S. Swarna Pushpa¹, **T. Raja Rajeswari^{2*}**. (Dec 2023). Quality Control Analysis of Neomycin, Gramicidin and Triamcinolone in Ointment Formulation Using HPLC Methodology: Methodology Development, Validation and Application. *Research Journal of Pharmacy and Technology*, 16(1), 5964-5971, 2023. [ISSN: 0974-3618 (P), 0974-360X (O)] (Scopus)
DOI: <https://www.doi.org/10.52711/0974-360X.2023.00968>

2024

- 28) M.S. Swarna Pushpa¹, **T. Raja Rajeswari^{2*}**. RP-LC Simultaneous Quantitation of Fixed Medication Combination Drugs for Diabetic Mellitus in Active Pharmaceutical Ingredient and Pharmaceutical Commercial Formulations with PDA-Detector. *International Journal of Pharmaceutical Quality Assurance*, [ISSN: 0975 9506] (Impact Factor: 0.15). (Scopus) (Accepted Manuscript ID: 12052024PQAD)

Seminars / Symposia/ Conferences/ Workshops attended or Presented Papers

2002

- 1) 39th Annual Convention of Chemists at Acharya Nagarjuna University on 22nd – 26th Dec. 2002 and presented paper on Kinetics and mechanism of Oxidation of DL- Methionine by Ditetraacetate cuprate (III).

2007

- 2) National Seminar on New Frontiers in Drug Design and Synthesis at Dept. of Chemistry, Govt. College (A), Rajahmundry on 18th & 19th Sep. 2007.

2008

- 3) National Seminar on Climate Change and its impact on Biosphere at J.M.J College, Tenali on 23rd July 2008.
- 4) National Seminar on Climate Changes and its impact on Different sectors in India at V.S.R & N.V.R College, Tenali and presented paper on Effect of Climate change on depletion of Ozone on 30th – 31st July 2008.

2009

- 5) National seminar on Nanotechnology at J.M.J College for Women, Tenali and presented paper on Importance and development of Nanotechnology on 21st – 22nd Aug. 2009.
- 6) National seminar on Constructive Measures in Environmental Protection at P.B.N College, Ponnur and presented paper on Role of Teacher in a School on 8th Oct. 2009.
- 7) National Seminar on The Role of Green Chemistry in achieving clean and Green Environment at Hindu College, Guntur on 17th – 18th July 2009.
- 8) National Seminar on Recent Trends in Life Science for Human Welfare at A.C. College, Guntur and presented paper on Nanotechnology applications in purification of water on 11th – 12th Sep. 2009.
- 9) National Seminar on Role of Non-Conventional Energy in Fulfilling the Future Energy needs in India at Hindu College and presented paper on Importance of wind power on 23rd – 24th Oct. 2009
- 10) National Seminar on The Chemistry of Nanomaterials Synthesis, Properties and Applications at A.C College, Guntur and Presented paper on Synthesis of Nano particles on 6th – 7th Nov. 2009.

2010

- 11) National Seminar on Dry land forming in Andhra Pradesh at Govt. College for women, Guntur on 31st Jan. 2010.

2011

- 12) Workshop on Capacity Building of Women Managers in Higher Education sponsored by UGC organized by Govt. College for Women, Guntur from 21st – 25th Jan. 2011.
- 13) One-day Science Seminar organized by Jana Vignana Vedika at Hindu College of Pharmacy, Guntur on 6th Mar. 2011.

2012

- 14) National Conference **conducted** on “Impact of Pesticides and Persistent Organic Pollutants on Environment and Sustainability of the Environment” at Govt. College for Women, Guntur on 31st Nov. & 1st Dec. 2012 presented paper entitled Impact of Agro Chemicals on human health and Environment - Page.No.54.

2013

- 15) National Seminar on Role of Chemistry in Drug by Discovery Royal Society of Chemistry (London) – DS at Siddhartha Academy, Vijayawada on 6th July 2013.
- 16) National Seminar on Higher Education in India at Govt. Degree College, Srisailam on 19th& 20th July 2013 presented paper entitled Reforms in Examination System at Under Graduate Level. **(ISBN: 978-93-82163-62-6)**
- 17) National Seminar on Consequence of Computer system, electronics, and electrical equipment to environment at Govt. College for Women, Guntur on 27th& 28th Sept. 2013 presented paper on New Frontiers in Eco-Friendly Chemistry.
- 18) Workshop on Instrumentation Techniques for Research in Science & Technology at Vignana University, Guntur on 09th Nov. 2013
- 19) National Seminar on Role of Bio-fertilizers in Reducing Environmental Pollution at Hindu College, Guntur on 09th& 10th Dec. 2013 presented paper on Renewable Energy Resources.

2014

- 20) Workshop on Financial and Institutional Management in Autonomous Colleges at Govt. College for Women, Guntur on 21st March 2014.
- 21) National Seminar on Plant made Pharmaceuticals & Approaches to the synthesis of Bioactive Natural Products at Hindu College, Guntur on 18th&19th July 2014.
- 22) Workshop on Human Values and Professional ethics at Govt. College for Women, Guntur on 25th – 27th July 2014.
- 23) National Seminar on Recent Trends in Solid State Chemistry at KRK Degree College, Addanki, Prakasam (Dt.) on 22nd& 23rd Aug. 2014.
- 24) National Seminar on Impact of Toxic metals, Minerals and Solvents leading to Environmental Pollution at Govt. College for Women (A), Guntur on 17th& 18th Oct 2014 presented paper on Impact of Plastics on Environmental Pollution, Journal of Chemical and Pharmaceutical Sciences. **(ISSN: 0974-2115)**

URL:<https://www.jchps.com/specialissues/Special%20issue3/18%20jchps%20si3%20P.Pavani%2087-93.pdf>

25) National Seminar on Impact of Toxic metals, Minerals and Solvents leading to Environmental Pollution at Govt. College for Women (A), Guntur on 17th & 18th Oct 2014 presented paper on Effect of Solvents on Environmental Pollution, Journal of Chemical and Pharmaceutical Sciences. (ISSN: 0974-2115)

URL: <https://www.jchps.com/specialissues/Special%20issue3/37%20jchps%20si3%20ad dn%20T.Raja%20Rajeswari%20157-163.pdf>

26) National Seminar on Impact of Toxic metals, Minerals and Solvents leading to Environmental Pollution at Govt. College for Women (A), Guntur on 17th & 18th Oct 2014 presented paper on Impact of Heavy Metals on Environmental Pollution, Journal of Chemical and Pharmaceutical Sciences. (ISSN: 0974-2115)

URL: <https://www.jchps.com/specialissues/Special%20issue3/42%20jchps%20si3%20ad dn%20sailaja%20175-181.pdf>

27) Workshop on Handling Analytical Instruments at Hindu College of Pharmacy, Guntur on 18th -20th Oct. 2014.

28) Workshop on Legal Awareness programme for Women at Bharatiya Seva samiti, Guntur on 18th Nov. 2014.

29) National Seminar on Impacts of Chemical Fertilizers – Use of Bio-fertilizers for Environmental Protection at SSN College, Narasaraopet, Guntur (Dt.) on 11th & 12th Dec, 2014 presented paper on Soil Acidification. ISSN: 2394-2606

2015

30) Workshop attended on Experimental Physics at Dept. of Physics, G.C.W, Guntur on 5th & 6th, Jan. 2015.

31) Workshop on “Online Certificate Courses and API Score” by Dr. M. MahaboobPacha, Dept. of Chemistry, PR College, Kakinada at I.Q.A.C, GCW, Guntur on 31st Jan. 2015.

32) Workshop on Ethical Values in Indian Education System at Andhra Lutheran College of Education, Guntur on 15th - 17th April 2015.

33) National Seminar on Trends and Applications of Liquid Crystals at A.C College, Guntur on 10th & 11th, Sep. 2015 presented paper on Application of Liquid Crystals in Medicine.

2016

34) National Seminar on Low Levels of Ground Water Cause, Effect & Control at KRR Govt. Arts & Science college, Kodad, TS on 10th & 11th February- 2016 presented paper on Health Impacts of Fluorosis. (ISBN: 9789385101106)

35) Workshop on Basic course in first aid at Govt. College for Women, Guntur on 20th Feb. 2016.

36) Workshop on Water from lab to community at Govt. College for Women, Guntur on 4th Mar. 2016.

37) Workshop on Curriculum design at Govt. College for Women, Guntur on 15th Mar. 2016.

38) Workshop on Preparation of SSR of NAAC at Acharya Nagarjuna University, Guntur on 26th & 27th Sept. 2016.

39) National Seminar on Advances in the Synthesis of Nanomaterials and their multi-dimensional applications in Chemical & Bio-Sciences at Andhra Loyola College,

Vijayawada on 14th & 15th Sept. 2016 presented paper on Classifications, Properties, and Wide applications of Nanomaterials. [ISSN: 2321-5674 (Print), 2320-3471(Online)]

URL: https://www.ijrpb.com/issues/Volume%204_Issue%206/ALC%2035%20293-296.pdf

40) National Seminar on Environmental Protection and Sustainable Development: Issues and Challenges at CR Reddy College, Eluru on 22nd & 23rd Sept. 2016 presented paper on Impact of Pharmaceuticals and Personal Care Products in Environment.

International Journal of Engineering Research (ISSN: 2321-7758, Impact Factor: 4.349 SJIF)

URL: <http://www.ijoer.in/4.S2.16/75-80%20Dr.%20T.%20RAJA%20RAJESWARI.pdf>

41) Workshop on Internet of things and its Applications at Y.A. Govt. Degree College for Women, Chirala on 30th Oct. 2016.

42) 2nd Andhra Pradesh Science Congress at P.V. Siddhartha College, Vijayawada on 7th – 9th Nov. 2016 presented paper on Analysis of Heavy Metals Lead, Chromium, Cadmium and Mercury in Soil and Water Samples of Guntur District, A.P.

43) Workshop on Preparedness Program Disaster Management in School & Colleges at Govt. College for Women (A), Guntur on 2nd & 3rd Dec. 2016.

44) National Seminar **conducted** on Impact of PPCPs on Environment and Sustainability of Environment at Y.A. Govt. Degree College for Women, Chirala on 16th & 17th Dec. 2016 presented paper on Analytical Techniques for the Extraction of Pharmaceuticals and Personal Care Products. Bulletin of Pharmaceutical and Medical Sciences (BOPAMS) [ISSN:2455-0213(P); 2321-4503(O)]

URL: <http://www.bopams.com/Chirala%20Government%20College.pdf>

45) National Seminar **conducted** on Impact of PPCPs on Environment and Sustainability of Environment at Y.A. Govt. Degree College for Women, Chirala on 16th & 17th Dec. 2016 presented paper on Indigenous Adsorbents for the Removal of Pharmacy Wastes in Waters - A Review (Page No: 30 - 34). Bulletin of Pharmaceutical and Medical Sciences (BOPAMS) [ISSN:2455-0213(P); 2321-4503(O)]

URL: <http://www.bopams.com/Chirala%20Government%20College.pdf>

46) National Seminar **conducted** on Impact of PPCPs on Environment and Sustainability of Environment at Y.A. Govt. Degree College for Women, Chirala on 16th & 17th Dec. 2016 presented paper on Pharmaceuticals and Personal Care Products - A Review on their Occurrence, Risks, Analysis, and Removal Methods (Page No: 63 - 66). Bulletin of Pharmaceutical and Medical Sciences (BOPAMS) [ISSN:2455-0213(P); 2321-4503(O)]

URL: <http://www.bopams.com/Chirala%20Government%20College.pdf>

2017

47) Workshop on Resource Person on Chromatography Technic at TJPS College, Guntur on 18th Jan. 2017.

48) International Seminar on Emerging Trends on Chemical, Pharmaceutical, Environmental Sciences and Technology at PR Govt. College (A), Kakinada on 24th & 25th Jan. 2017 presented paper on Study on the Environmental Risks of Medicinal Products. [ISSN: 2456-3889 (O)]

[URL:http://publications.anveshanaindia.com/wp-content/uploads/2017/04/STUDY-ON-THE-ENVIRONMENTAL-RISKS-OF-MEDICINAL-PRODUCTS-1.pdf](http://publications.anveshanaindia.com/wp-content/uploads/2017/04/STUDY-ON-THE-ENVIRONMENTAL-RISKS-OF-MEDICINAL-PRODUCTS-1.pdf)

49) National Seminar on Role of Chemistry in Human Health and Environmental Protection at Govt. College (U.G & P.G - Autonomous), Ananthapuram on 30th & 31st Jan. 2017 presented paper on Types of Emerging Contaminants in Ground Water Causing Pollution to Environment. ISBN: 978-93-8150-132-8

50) National Science Day Celebrations - Science Exhibition **conducted** at Y.A. Govt. Degree College for Women, Chirala on 27th & 28th Feb. 2017.

51) National Seminar on Plant Microbe Interaction, Environmental Conservation – Challenges and Strategies at Acharya Nagarjuna University on 17th & 18th Mar. 2017 presented paper on Fundamentals of Nanotechnology and its Wide Applications.

52) Workshop on My Role in Sustainable Environment at Dept. of Chemistry, Govt. College for Women (A), Guntur on 15th Sept. 2017

53) Workshop on Mental Health in the Work Place at Dept. of Sociology & Psychology, Govt. College for Women (A), Guntur on 17th Oct. 2017.

54) International Conference on Potential Impact of Pesticides on Environment and Human Health at Dayananda Sagar University, Bangalore on 2nd-4th Nov. 2017 presented paper on Development and Validation of Analytical Method for Determination of Pesticides by using LC-Atmospheric Pressure Chemical Ionization Orbitrap Mass Spectrometry.

55) National Seminar on Recent Advances in Chemistry and Environmental Sciences at J.M.J College for Women (A), Tenali on 13th & 14th Nov. 2017 presented paper on Analysis of Persistent Organic Pollutants in Aquaculture.

2019

56) National Seminar on “Emerging Materials for Green Environment (EMGE – 2K19) at Andhra Loyola College (A), Vijayawada on 5th & 6th March 2019. Presented paper on Role of Green Chemistry in Analytical Chemistry. ISSN: 978-93-87769-53-3 (P), 978-93-87769-54-0 (E).

Refresher course / Orientation Programmes attended

2000

1) UGC Sponsored Orientation Course conducted by UGC – Academic Staff College at University of Hyderabad from 24th Nov. 2000 – 21st Dec. 2000.

2001

2) Training Program for College Teachers in Chemistry conducted by CCE, Govt. of Andhra Pradesh at Govt. College (A), Rajahmundry from 3rd Oct. 2001 – 23rd Oct. 2001.

2007

- 3) Refresher Course on DRC in Environmental Sciences, UGC sponsored and conducted by UGC- Academic Staff College, Andhra University from 25th July 2007 – 14th Aug. 2007 obtained 'A' grade.

2008

- 4) Faculty Development Programme in Entrepreneurship at Guntur conducted by Centre for Entrepreneurship Development (CED), Hyderabad supported by NSTEDB, Govt. of India from 30th Jan. 2008 – 13th Feb. 2008.

2009

- 5) Refresher Course on Right to Information Act conducted by District Training Centre, Guntur from 06th Aug. 2009 – 07th Aug. 2009.

2017

- 6) Training of the Trainer's (TOT) program conducted by NSS and PCI on Disaster Risk Reduction / Disaster Risk Management for Programme Officers of NSS Units on 19th July 2017 at Acharya Nagarjuna University.

Resource Persons / Titles of Invited talks

2006

- 1) Invited talk on Inorganic Chemistry topics as a Resource Person for I semester M.Sc. (P) students at Adikavi Nannaya University on Aug. – Nov. 2006.

2008

- 2) Invited talk on Crystal Field Theory, CFS Energies as a Resource Person for M.Sc. (P) Chemistry students at Avanti Degree & P.G. College, Rajahmundry, Andhra University on 06th Jan. 2008.
- 3) Invited talk on Co-ordination Compounds as a Resource Person for M.Sc. (P) Chemistry (Distance Mode) students at Smt. D.R.D College, Korukonda, East Godavari (Dt.), S.K.D University, Anantapur on 12th Sept. 2008
- 4) Invited talk on Electronic Spectra of Transition Metal Complexes as a Resource Person for M.Sc. (P) Chemistry (Distance Mode) students at Smt. D.R.D College, Korukonda, East Godavari (Dt.), S.K.D University, Anantapur on 13th Sept. 2008.
- 5) Invited talk on Electronic Spectra of Transition Metal Complexes as a Resource Person for M.Sc. (P) Chemistry students at Avanti Degree & P.G. College, Rajahmundry, Andhra University on 13th Sept. 2008.
- 6) Invited talk on Boranes and Carboranes as a Resource Person for M.Sc. (P) Chemistry (Distance Mode) students at Smt. D.R.D College, Korukonda, East Godavari (Dt.), S.K.D University, Anantapur on 14th Sept. 2008.

- 7) Invited talk on Electronic Spectra of Transition Metal Complexes as a Resource Person for M.Sc. (P) Chemistry students at Avanti Degree & P.G. College, Rajahmundry, Andhra University on 14th Sept. 2008.

2009

- 8) Invited talk on Magnetic Properties of Complexes as a Resource Person for M.Sc. (P) Chemistry (Distance Mode) students at Smt. D.R.D College, Korukonda, East Godavari (Dt.), S.K.D University, Anantapur on 12th Sept. 2009.
- 9) Invited talk on Russel-Saunders Coupling as a Resource Person for M.Sc. (P) Chemistry students at Avanti Degree & P.G. College, Rajahmundry, Andhra University on 13th Sept. 2009.

2010

- 10) Invited talk on Phosphonitrilic Compounds as a Resource Person for M.Sc. (P) Chemistry students at Avanti Degree & P.G. College, Rajahmundry, Andhra University on 03th Jan. 2010.
- 11) Resource Person on Orientation Programme for Teachers for Rajiv Vidya Mission (SSA) at M.P.Z.P.H. School, Piduguralla, Guntur (Dt.) on 02nd -07th Jun. 2010.

2011

- 12) Resource Person for District Resource Centre Orientation Training Programme for Degree College Lectures on Pesticides / Green Chemistry at Govt. College (A), Rajahmundry on 29th Mar. 2011 (F.N.)

2014

- 13) Legal Awareness Programme for Women on 18th Nov. 2014 at Municipal Corporation Elementary School, Guntur.

2015

- 14) Invited talk on Molecular Orbital Theory in the Dept. of Chemistry at Y.A. Govt. Degree College for Women, Chirala on 17th Dec. 2015 (F.N).
- 15) Invited talk on Chromatographic Techniques in the Dept. of Microbiology at Y.A. Govt. Degree College for Women, Chirala on 17th Dec. 2015 (A.N).

2017

- 16) Resource Person in the Workshop on Chromatographic Techniques in the Dept. of Chemistry at TJPS College, Guntur on 18th Jan. 2017.

Dr. Tiruveedula Raja Rajeswari