

## Dr. TIRUVEEDULA RAJA RAJESWARI

Principal & Professor of Chemistry,  
Sri A.S.N.M Govt. College (Autonomous), Palakol,  
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Web of Science ID: AAX-7651-2021

Vidwan ID: 79855



### 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 28<sup>th</sup> Aug. 2002 - till today.
- Recognized as a **Research Guide** from the Dept. of Chemistry, Acharya Nagarjuna University, Guntur from 28<sup>th</sup> 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: 30-04-2024.

### 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 - 23<sup>rd</sup> Jun. 2016)
- Reader - Y.A. Govt. Degree College for Women, Chirala -Acharya Nagarjuna University, Guntur (24<sup>th</sup> June. 2016 – 1<sup>st</sup> Aug. 2017)
- Reader - Govt. College for Women (A), Guntur - Acharya Nagarjuna University, Guntur (2<sup>nd</sup> Aug. 2017 - 2018) (Deputation).

- Reader - Y.A. Govt. Degree College for Women, Chirala -Acharya Nagarjuna University, Guntur (24<sup>th</sup> June. 2018 – 13<sup>th</sup> Jan. 2020).
- Principal – Govt. Degree College, Eluru. A.P. (14<sup>th</sup> Jan. 2020 – 30<sup>th</sup> Oct. 2021)
- Principal (FAC) – S.A.S.J. Government Degree College, Narayanapuram, W.G Dt, A.P. (20<sup>th</sup> Dec. 2020 – 30<sup>th</sup> Oct. 2021).
- Principal – A.S.N.M. Govt. College, Palakolu. A.P. (31<sup>st</sup> 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 19<sup>th</sup> Nov. 2014 by **Citizen Council, Telangana**.
- Received **Yugadi Puraskar Award**, from UNESCO Club of Guntur in 15<sup>th</sup> March 2015.
- Editorial Board Member, “**Impact of Pharmaceuticals and Personal Care Products on Environment and Sustainability of Environment**” on 16<sup>th</sup>& 17<sup>th</sup> 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 25<sup>th</sup> – 27<sup>th</sup> Feb. 1999.

### 2011

- National Seminar conducted on 7<sup>th</sup> & 8<sup>th</sup>, 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 21<sup>st</sup> Feb. 2011 to 26<sup>th</sup> Feb. 2011 sponsored by **Andhra Pradesh State Council for Higher Education, Hyderabad** in the Dept. of Chemistry, GCDW, Guntur.

### 2012

- National Seminar conducted on 31<sup>st</sup> Oct & 1<sup>st</sup> 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 16<sup>th</sup> & 17<sup>th</sup>, 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 27<sup>th</sup> to 28<sup>th</sup> 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 16<sup>th</sup> 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 (17<sup>th</sup> Aug. 2010 – 31<sup>st</sup> 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	31	Scopus-7 / WoS-1	4	Papers -18 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 28<sup>th</sup> June 2012 – till date.
- B) Ph.Ds. – 06 (Pursuing) - 02 (Awarded in Jan. 2019 & July 2021).

## LIST OF PUBLICATIONS

### 1994

- 1) P. Vani, T. Raja Rajeswari and L.S.A. Dilshitolu. (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 Dikshitulu 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. Dikshitulu. (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. Dikshitulu. (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<sup>a</sup>, P. Vani<sup>b\*</sup>. (2003). Kinetics and Mechanism of Oxidation of DL- Methionine by Ditetelluratocuprate (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.ijoer.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.ijoer.in/Vol.1.Issue.4.html>

## 2016

- 8) Pavani Peddi<sup>1\*</sup>, **Dr. T. Raja Rajeswari**<sup>2</sup>, Ramana Reddy Ganji<sup>3</sup>, and Satyanarayana<sup>1</sup>. (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<sup>1\*</sup>, **Dr. T. Raja Rajeswari**<sup>2</sup> and Ramana Reddy Ganji<sup>3</sup>. (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<sup>1\*</sup>, **Dr. T. Raja Rajeswari**<sup>2</sup> and Ramana Reddy Ganji<sup>3</sup>. (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<sup>1\*</sup>, **Dr. T. Raja Rajeswari**<sup>2</sup> and Ramana Reddy Ganji<sup>3</sup>. (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<sup>1\*</sup>, **Dr. Tiruveedula Raja Rajeswari**<sup>2</sup> and Ramana Reddy Ganji<sup>3</sup>. (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 Kalpana<sup>1</sup>, **Dr. T. Raja Rajeswari**<sup>2\*</sup>. (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 <sup>1\*</sup>, **Dr. T. Raja Rajeswari**<sup>2</sup>. (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 Pushpa<sup>1</sup>, **Dr. T. Raja Rajeswari<sup>2\*</sup>**. (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 Peddi<sup>1</sup>, **Dr. T. Raja Rajeswari<sup>2</sup>**, Dr. N. Usha Rani<sup>3</sup>. (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<sup>1\*</sup>, **Dr. T. Raja Rajeswari<sup>2</sup>**. (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/10.30605/parishodh.v9i3.0086781.57161)**

- 18) Pavani Peddi<sup>a\*</sup>, S. L. Tulasi<sup>a</sup>, N.Usha Rani<sup>a</sup> and **T. Raja Rajeswari<sup>c</sup>**, 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<sup>a</sup>, **T. Raja Rajeswari<sup>b</sup>**, and Ch. Subramanyam<sup>c</sup>. (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 Pushpa<sup>1</sup>, **T. Raja Rajeswari**<sup>2\*</sup>. (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<sup>a,b</sup>, Sai Krishna Ganji<sup>d</sup>, Mani Kommu<sup>d</sup>, **Raja Rajeswari Tiruveedula**<sup>c</sup>, Vijayasarithi Upadhyayula<sup>d\*</sup>. (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<sup>a,b</sup>, Sai Krishna Ganji<sup>d</sup>, Satish Mutyam<sup>d</sup>, **Raja Rajeswari Tiruveedula**<sup>c\*</sup>. (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<sup>a</sup>, **T. Raja Rajeswari**<sup>b</sup>, and Ch. Subramanyam<sup>c</sup>. (Nov 2022). In silico ADMET, molecular docking study, and nano Sb<sub>2</sub>O<sub>3</sub> catalyzed microwave-mediated synthesis of new  $\alpha$ -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)**

- 24) M.S. Swarna Pushpa<sup>1</sup>, **T. Raja Rajeswari**<sup>2\*</sup>. 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. **(22528182945316785 - Under Revision)**

## 2023

- 25) Kalpana Talari<sup>1,2</sup>, Sai Krishna Ganji<sup>3</sup>, **Raja Rajeswari Tiruveedula**<sup>4\*</sup>. (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)

- 26) 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 (IJPAS)*, Vol. 13(1). [ISSN: 2277–4998]  
DOI: <https://doi.org/10.31032/IJPAS/2024/13.1.7452> (Scopus)

### Seminars / Symposia/ Conferences/ Workshops attended or Presented Papers

#### **2002**

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

#### **2007**

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

#### **2008**

- 3) National Seminar on Climate Change and its impact on Biosphere at J.M.J College, Tenali on 23<sup>rd</sup> 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 30<sup>th</sup> – 31<sup>st</sup> 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 21<sup>st</sup> – 22<sup>nd</sup> 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 8<sup>th</sup> Oct. 2009.
- 7) National Seminar on The Role of Green Chemistry in achieving clean and Green Environment at Hindu College, Guntur on 17<sup>th</sup> – 18<sup>th</sup> 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 11<sup>th</sup> – 12<sup>th</sup> 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 23<sup>rd</sup> – 24<sup>th</sup> 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 6<sup>th</sup> – 7<sup>th</sup> Nov. 2009.

#### **2010**

- 11) National Seminar on Dry land forming in Andhra Pradesh at Govt. College for women, Guntur on 31<sup>st</sup> 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 21<sup>st</sup> – 25<sup>th</sup> Jan. 2011.
- 13) One-day Science Seminar organized by Jana Vignana Vedika at Hindu College of Pharmacy, Guntur on 6<sup>th</sup> 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 31<sup>st</sup> Nov. & 1<sup>st</sup> 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 6<sup>th</sup> July 2013.
- 16) National Seminar on Higher Education in India at Govt. Degree College, Srisailam on 19<sup>th</sup>& 20<sup>th</sup> 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 27<sup>th</sup>& 28<sup>th</sup> 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 09<sup>th</sup> Nov. 2013
- 19) National Seminar on Role of Bio-fertilizers in Reducing Environmental Pollution at Hindu College, Guntur on 09<sup>th</sup>& 10<sup>th</sup> 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 21<sup>st</sup> March 2014.
- 21) National Seminar on Plant made Pharmaceuticals & Approaches to the synthesis of Bioactive Natural Products at Hindu College, Guntur on 18<sup>th</sup>&19<sup>th</sup> July 2014.
- 22) Workshop on Human Values and Professional ethics at Govt. College for Women, Guntur on 25<sup>th</sup> – 27<sup>th</sup> July 2014.
- 23) National Seminar on Recent Trends in Solid State Chemistry at KRK Degree College, Addanki, Prakasam (Dt.) on 22<sup>nd</sup>& 23<sup>rd</sup> 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 17<sup>th</sup>& 18<sup>th</sup> 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 17<sup>th</sup> & 18<sup>th</sup> 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 17<sup>th</sup> & 18<sup>th</sup> 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 18<sup>th</sup> -20<sup>th</sup> Oct. 2014.

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

29) National Seminar on Impacts of Chemical Fertilizers – Use of Bio-fertilizers for Environmental Protection at SSN College, Narasaraopet, Guntur (Dt.) on 11<sup>th</sup> & 12<sup>th</sup> 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 5<sup>th</sup> & 6<sup>th</sup>, 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 31<sup>st</sup> Jan. 2015.

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

33) National Seminar on Trends and Applications of Liquid Crystals at A.C College, Guntur on 10<sup>th</sup> & 11<sup>th</sup>, 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 10<sup>th</sup> & 11<sup>th</sup> 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 20<sup>th</sup> Feb. 2016.

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

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

38) Workshop on Preparation of SSR of NAAC at Acharya Nagarjuna University, Guntur on 26<sup>th</sup> & 27<sup>th</sup> 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 14<sup>th</sup> & 15<sup>th</sup> 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](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 22<sup>nd</sup> & 23<sup>rd</sup> 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 30<sup>th</sup> Oct. 2016.
- 42) 2<sup>nd</sup> Andhra Pradesh Science Congress at P.V. Siddhartha College, Vijayawada on 7<sup>th</sup> – 9<sup>th</sup> 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 2<sup>nd</sup> & 3<sup>rd</sup> 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 16<sup>th</sup> & 17<sup>th</sup> 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 16<sup>th</sup> & 17<sup>th</sup> 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 16<sup>th</sup> & 17<sup>th</sup> 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 18<sup>th</sup> Jan. 2017.

- 48) International Seminar on Emerging Trends on Chemical, Pharmaceutical, Environmental Sciences and Technology at PR Govt. College (A), Kakinada on 24<sup>th</sup> & 25<sup>th</sup> 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 30<sup>th</sup> & 31<sup>st</sup> 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 27<sup>th</sup> & 28<sup>th</sup> Feb. 2017.
- 51) National Seminar on Plant Microbe Interaction, Environmental Conservation – Challenges and Strategies at Acharya Nagarjuna University on 17<sup>th</sup> & 18<sup>th</sup> 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 15<sup>th</sup> Sept. 2017
- 53) Workshop on Mental Health in the Work Place at Dept. of Sociology & Psychology, Govt. College for Women (A), Guntur on 17<sup>th</sup> Oct. 2017.
- 54) International Conference on Potential Impact of Pesticides on Environment and Human Health at Dayananda Sagar University, Bangalore on 2<sup>nd</sup>-4<sup>th</sup> 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 13<sup>th</sup> & 14<sup>th</sup> 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 5<sup>th</sup> & 6<sup>th</sup> 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 24<sup>th</sup> Nov. 2000 – 21<sup>st</sup> Dec. 2000.

### 2001

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

### 2007

- 3) Refresher Course on DRC in Environmental Sciences, UGC sponsored and conducted by UGC- Academic Staff College, Andhra University from 25<sup>th</sup> July 2007 – 14<sup>th</sup> 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 30<sup>th</sup> Jan. 2008 – 13<sup>th</sup> Feb. 2008.

## 2009

- 5) Refresher Course on Right to Information Act conducted by District Training Centre, Guntur from 06<sup>th</sup> Aug. 2009 – 07<sup>th</sup> 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 19<sup>th</sup> 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 06<sup>th</sup> 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 12<sup>th</sup> 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 13<sup>th</sup> 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 13<sup>th</sup> 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 14<sup>th</sup> 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 14<sup>th</sup> 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 12<sup>th</sup> 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 13<sup>th</sup> 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 03<sup>th</sup> 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 02<sup>nd</sup> -07<sup>th</sup> 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 29<sup>th</sup> Mar. 2011 (F.N.)

## **2014**

- 13) Legal Awareness Programme for Women on 18<sup>th</sup> 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 17<sup>th</sup> 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 17<sup>th</sup> Dec. 2015 (A.N).

## **2017**

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

**Dr. Tiruveedula Raja Rajeswari**