



## **PROFILE**

**1. Name** : **Dr CHENNA RAO DEVARAPALLI**

**2. Designation** : Assistant Professor of Chemistry  
Govt. Degree College, Yeleswaram  
Kakinada Dt-533429. A.P.

**3. Address** : House No.1-139/4  
Rayudupalem, Near Kothur Jn.  
Ramanayyapeta P.O  
Kakinada – 533 005.  
Mobile No. **9560740108**.  
E-mail: [drchennarao@prgc.ac.in](mailto:drchennarao@prgc.ac.in).

**4. Educational Qualifications** :

| S.No | Course & Subject          | Name of the University                      | Class                                    | % of Marks |
|------|---------------------------|---------------------------------------------|------------------------------------------|------------|
| 1    | M.Sc. - Chemistry         | Sri Venkateswara University, Tirupati, A.P. | 1 <sup>st</sup> Class (Univ. First Rank) | 78.5 %     |
| 2    | GATE-98                   | IIT-Delhi                                   | Qualified                                | 95%        |
| 3    | CSIR - UGC - NET          | CSIR – NEW DELHI                            | Qualified                                | -          |
| 4    | Ph.D. (Organic Synthesis) | University of Delhi                         | Awarded                                  | -          |

**5. Service Particulars:**

a) Date of Entry into Govt. Service as Lecturer: 18-06-2008

b) Teaching Experience as Lecturer : **15 Years 06 Months (Government)**  
**05 Years (Un-Aided)**

• **Additional Teaching Experience (Contract Basis):**

Worked as Lecturer in Chemistry for B.Sc. Students in Govt. City College, Hyderabad (NAAC Accredited 'A' Grade) from **25-09-2003 to 24-03-2006** on **Contract basis** taken up by the Government of Andhra Pradesh.

- Also worked as Lecturer in Chemistry for B.Sc. Students on **Part – Time basis** in L.N. Gupta Evening College for Science and Commerce (Aided), Hyderabad, from **July 2006 to March 2007**.

## 6. Research Experience:

| S.No. | Course                             | Title of Work/Thesis                                                                                                                         | Period of work                      | University                        |
|-------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------|
| 1     | Ph.D. (JRF)                        | “Speciation of Trace metals” (Marine Chemistry)                                                                                              | Two Years (Discontinued)            | CECRI - CSIR Lab, Chennai.        |
| 2     | Ph.D. (UGC-FDP Teacher Fellowship) | “Synthesis of Functionalized Aza Heterocycles, Bis(indolyl)methanes and Amides by Oxidative Annulation/Coupling Methods” (Organic Synthesis) | 01.12.2015 to 31.05.2018. (Awarded) | University of Delhi (UoD), Delhi. |

## 7. Technical Skills:

- **Analytical Instrumentation:**

Dexterous in operating highly sophisticated equipment viz., U.V – Visible Spectrophotometer, Atomic Absorption Spectrometer, Fluorescence Spectrophotometer, Cold vapour AAS for mercury determination, Auto-titrators etc.

- **Organic Synthesis:**

Acquainted experience in carrying out Inert Atmosphere Organic Reactions, Thin Layer Chromatography, Column Chromatography, Vacuum distillation, Rotavapour, NMR, IR, Mass Analysis etc.

- **Computer Knowledge:**

Acquired knowledge in MS-Office Word, Excel, Harvard Scientific graphics, Chemdraw etc.

## 8. Research Publications:

- i. Copper-Catalyzed Aerobic Oxidative Coupling of o-Phenylenediamines with 2-Aryl/Heteroarylethylamines: Direct Access to Construct Quinoxalines

K. Gopalaiah, A. Saini, S. N. Chandrudu, **D. Chenna Rao**, H. Yadav, B. Kumar

*Organic and Biomolecular Chemistry* 2017, 15, 2259-2268.

ISSN: 1477-0539; Impact Factor: 3.876.

- ii. An insight into the synthesis, crystal structure, geometrical modelling of crystal morphology, Hirschfeld surface analysis and characterization of *N*-(4-methylbenzyl)-benzamide single crystals

S. Goel, H. Yadav, N. Sinha, B. Singh, I. Bdikin, **D. Chenna Rao**, K. Gopalaiah, B. Kumar *J. Appl. Cryst.* **2017**, 50, 1498-1511.

**ISSN: 1600-5767; Impact Factor: 3.304.**

- iii. Iron-Catalyzed Aerobic oxidative cleavage and Construction of C-N bonds: A Facile method for Synthesis of 2,4,6-Trisubstitued Pyridines K Gopalaiah, D Chenna Rao, K Mahiya, A Tiwari Asian Journal of Organic Chemistry (AJOC). 2018, 7 (9), 1872-1881.

**ISSN:2193-5815; Impact Factor: 3.319**

*Received VIP Status to this paper and highlighted in Chem Views as “Oxidative Synthesis of Kröhnke Pyridines” 09.10.2018.*

[https://www.chemistryviews.org/details/ezone/11100717/Oxidative\\_Synthesis\\_of\\_Krohnke\\_Pyridines.html](https://www.chemistryviews.org/details/ezone/11100717/Oxidative_Synthesis_of_Krohnke_Pyridines.html)

- iv. Aerobic oxidative cross-coupling of *o*-phenylenediamines and 2-aryl/heteroarylethylamines: A direct approach to construct quinoxalines

**D. Chenna Rao**, Gopalaiah Kovuru

**International Journal of Research Culture Society**

**ISSN: 2456-6683; Special Issue -1, April – 2017.**

| Citations      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Total Citations | h-index | i10-index |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------|-----------|
| Scopus         | <a href="https://www.scopus.com/authid/detail.uri?authorId=57193610386">https://www.scopus.com/authid/detail.uri?authorId=57193610386</a>                                                                                                                                                                                                                                                                                                                                                                 | 68              | 3       | 3         |
| Google Scholar | <a href="https://scholar.google.com/citations?view_op=list_works&amp;hl=en&amp;user=3bgvzakAAAAJ&amp;gmla=AJsN-F7DuIPhYVw1NdTUeHF4DKV_cmBcZxPr59nc3vrmtLB_BfuKB2ENQnw4zpYB8BxmJs6_wqIzDW-kbesRnFvpESaN4PDDtenmLUgEBVB7j898rYM6eKKMmdl66IRub0bt9xhl9OgV">https://scholar.google.com/citations?view_op=list_works&amp;hl=en&amp;user=3bgvzakAAAAJ&amp;gmla=AJsN-F7DuIPhYVw1NdTUeHF4DKV_cmBcZxPr59nc3vrmtLB_BfuKB2ENQnw4zpYB8BxmJs6_wqIzDW-kbesRnFvpESaN4PDDtenmLUgEBVB7j898rYM6eKKMmdl66IRub0bt9xhl9OgV</a> |                 |         |           |
| ORCiD          | <a href="https://orcid.org/0000-0002-5945-3763">https://orcid.org/0000-0002-5945-3763</a>                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |         |           |
| VIDWAN         | <a href="https://vidwan.inflibnet.ac.in/profile/76089">https://vidwan.inflibnet.ac.in/profile/76089</a>                                                                                                                                                                                                                                                                                                                                                                                                   |                 |         |           |

**9. Seminars, Conferences, Symposia, Workshops/Refresher Courses/ Orientation programmes etc. ORGANIZED:**

- i. Acted as **Convener** to Organize a **State Level Seminar** on “**Methodology of Teaching the New Topics in the Chemistry Curriculum** ” on 10.10.2009 at A.S.D. Govt. College for Women (Autonomous), Kakinada.
- ii. Acted as **Convener** to Organize a **State Level Workshop** on “**Role of Chemistry Vis - A - Vis Women Empowerment**” (An International Year of Chemistry-2011 Activity, **Published in UNESCO - IYC Activities**) on 24.08.2011 at A.S.D. Govt. College for Women (Autonomous), Kakinada.
- iii. Conducted a **Certificate Course** on “**Fundamentals of Chemical Laboratory Techniques**” from date.22.09.2011 to 23.12.2011 at the Chemistry Department for III B.Sc Students of A.S.D. Govt. College for Women (Autonomous), Kakinada, East Godavari, A. P.
- iv. Acted as **Convener** to Organize NAAC Sponsored **National Level Seminar** on “**IQACs and Higher Education Institutions: The Required Benchmarks for Quality Sustenance and Quality Enhancement**”, an Internal Quality Assurance Cell (IQAC) Activity conducted on 18.12.2014 at A.S.D. Govt. College for Women (Autonomous), Kakinada, East Godavari, A. P.
- v. **Organized National Symposium** on “Discovery of Periodic Table and Scientific Developments: The Incredible Contribution of Dmitri Mendeleev (IYPT-2019), under Dept. of Chemistry, ASD Govt. College for Women (A), Kakinada. 02nd Mar 2019.
- vi. **Organized One Day National workshop** on “Academia-Industry Interface: Strategies and Perspectives for Resource Management and Organizational Development” under IQAC, ASD Govt College for Women (A), Kakinada. 05 Sept 2019.
- vii. **Organized One-week Student Training Programme** on “Isolation and Characterization of Organic Compounds” under Department of Chemistry, ASD Govt College for Women (A), Kakinada. 18-23 Dec 2019.

- viii. **Organized National Level Online Quiz** on “General Awareness on Generic Drugs and Chemicals” on 15<sup>th</sup> May 2020, under Chemistry Department, ASD Govt. Degree College for Women (A), Kakinada, A.P. INDIA.
- ix. **Organized National Level Online Quiz** on “Role of Teacher and Teacher Competencies in Higher Education” on 20<sup>th</sup> May 2020, under IQAC, ASD Govt. Degree College for Women (A), Kakinada.

**10. Seminars, Conferences, Symposia, Workshops/Refresher Courses/ Orientation programmes etc. ATTENDED / PRESENTED PAPERS:**

- i. **Attended** for the **National Seminar** on “Frontier Lectures in Chemistry” conducted jointly “by Jawaharlal Nehru Centre for Advanced Scientific Research, **I.I.Sc** (Indian Institute of Science), Bangalore and S.V. University, Tirupathi, Nov’ 6 - 8, 1997.
- ii. **Attended** for an **International Seminar** conducted by the society for Advancement in Electrochemical Science and Technology (SAEST) CECRI, CSIR, Karaikkudi, held in Chennai, 1999.
- iii. **Participated** in the **Inter calibration exercise** for nutrient determination conducted by Centre for Marine Analytical Reference Standard (**C-MARS**), at CESS, Trivandrum, Kerala, Sept’ 6 - 9, 1999.
- iv. **Attended** for the **State Level Seminar** on “Green Chemistry” at A.V.College of Arts, Science & Commerce (Aided), Hyderabad, on 7<sup>th</sup> & 8<sup>th</sup> December, 2006.
- v. **Participated** in one day **National Workshop** on “Applications of Radioisotopes” held at Smt. Kandukuri Rajyalakshmi College for Women, Rajahmundry, on 6<sup>th</sup> December, 2008.
- vi. **Attended** for the **State Level Seminar** on “Modern Approach in Chemical Analysis and Synthetic Drugs” at Spaces Degree College, Tuni, East Godavari, A.P, on 27.12.2009.
- vii. **Attended** for the **National Seminar** on “Research Methodology in Chemistry” held at P.R Govt. College (A), Kakinada on 07.01.2010.

- viii. **Participated** in Six-day **Induction Training Programme** in Chemistry from 26.03.2011 to 31.03.2011 held at District Resource Center, Govt. Arts College (A), Rajahmundry, conducted by APSCHE with CCE, A.P.
- ix. **Presented a Paper** at UGC sponsored **National Seminar** on “Role of Chemistry and Future Generation Fuels - A Route for Sustainable Development” on 8<sup>th</sup> & 9<sup>th</sup> September, 2011 at G.B.R. Degree & P.G. College, Anaparthi, E.G. Dist, A.P.
- x. **Participated** in the **Orientation Course** at UGC – ASC, JNTU, Hyderabad, from 16.11.2011 to 14.12.2011 and obtained **grade ‘A’**.
- xi. **Participated** in the **Refresher Course** at UGC – ASC, University of Hyderabad, from 11.07.2012 to 31.07.2012 and obtained **grade ‘A’**.
- xii. Given an **Extension lecture** as **resource person** for Orientation classes conducted by Board of Intermediate Education (BIE) at Aditya Degree College (W), Kakinada, on 18.09.2013.
- xiii. **Presented a paper** at UGC sponsored **National Seminar** on “New and Renewable energy resources – A definite alternative for sustainable Green society” on 28-09-2013 at Govt. Degree College for Women, Guntur, A. P.
- xiv. **Presented a paper** at UGC sponsored **National Seminar** on “Patterns of Seasonal and Spatial Dynamics of Nutrients in Estuarine and Riverine Waters of Ennore and Mahabalipuram – East Coast of India” on 17-10-2014 at Govt. Degree College for Women, Guntur, A. P.
- xv. **Participated in 88<sup>th</sup> BRNS-IANCAS, BARC, Mumbai, National Workshop on “Radiochemistry and Applications of Radioisotopes”** from 24.11.2014 to 29.11.2014 at Govt. College (A), Rajahmundry, East Godavari, A. P.
- xvi. **Presented a paper** at UGC sponsored **National Seminar** on “Advanced Molecular Spectroscopic Techniques” on 21<sup>st</sup> and 22<sup>nd</sup> August-2015 at Govt. College (A), Rajahmundry, East Godavari, A. P.

- xvii. **Presented a paper** at APSCHE sponsored **National Seminar** on “Iodine Catalyzed Oxidative Coupling of Indoles with Benzylamines for Synthesis of Bis(indolyl) Methanes ” on 05<sup>th</sup> and 06<sup>th</sup> October-2015 at the Department of Chemistry, Adikavi Nannaya University, Rajahmundry, East Godavari, A. P.
- xviii. **Presented a paper** at UGC sponsored **National Seminar** on “Solvent-Free, Additive-Free and Ligand-Free Oxidative Coupling of Amines via an eco-benign Iron catalyst: A novel approach for the synthesis of Imines” on 17<sup>th</sup> and 18<sup>th</sup> August-2016 at the Department of Chemistry, A.S.D. Govt. College for Women (Autonomous), Kakinada, East Godavari, A. P.
- xix. **Presented a poster** at the **National Conference on Industrial Materials** on “Copper(I)-Catalyzed oxidative C(sp<sup>3</sup>)-H functionalization of primary amines: A direct one-pot approach for synthesis of Benzimidazoles” on 21<sup>st</sup> and 22<sup>nd</sup> October-2016 at the Department of Chemistry, Sharda University, Greater Noida, U.P, India.
- xx. **Presented a paper** at UGC sponsored **National Seminar on Green Chemistry for Sustainable Development** on “Copper-catalyzed aerobic oxidative coupling of o-phenylenediamines with 2-aryl/heteroarylethylamines: A direct access to construct Quinoxalines” on 6<sup>th</sup> and 7<sup>th</sup> April-2017 at the Department of Chemistry, Govt. Degree College, Jammikunta, Karimnagar Dist., Telangana State.
- xxi. **Participated** in UGC **State level Seminar** on “Quality Improvement – Learning Outcomes”, org by IQAC, Ideal College of Arts and Sciences (A), Kakinada. 15th Sep 2018.
- xxii. **Participated** in **One-week Orientation workshop** on “OER, Content Development, MOOCS and MOODLE” organized by E & ICT Academy, NIT Warangal, from 26-31 October 2018.
- xxiii. **Acted as Jury** for 26th National Children’s Science Congress – 2018, Kakinada. 12 & 13th Nov 2018.
- xxiv. **Participated/Acted as moderator** in UGC Two-day National Seminar on “A Study on Interaction between Human Society and Natural Environment including Natural

Resource Management”, org by Dept. of Chemistry, Ideal College of Arts and Sciences (A), Kakinada. 24-25th Jan 2019.

- xxv. **Participated in National Seminar** on “Alternative Energy Resources for Sustainable Environment”, org by Depts. Of Physics & Chemistry, P.R. Govt. College (A), Kakinada. 14-15th Feb 2019.
- xxvi. **Participated in National Workshop** on “R” Org by Depts. Of Mathematics & Economics, ASD Govt. College for Women (A), Kakinada. 16th Feb 2019
- xxvii. **Participated in One day hands-on training** on ‘Learning Management System’ (LMS) org by ICONMA Professional Services & Solutions Pvt. Ltd and State Project Directorate RUSA, Govt. of A.P. 12th Sept 2019
- xxviii. **Participated in Two Day National Seminar** on “Recent Trends in Research Methodology in Chemistry” org by Dept. of Chemistry, Ideal College of Arts and Sciences (A), Kakinada. 15-16th Nov 2019.
- xxix. **Presented a paper at National Conference** on “Trends and Innovation in Chemistry” org by Dept. of Chemistry, RNT P.G. College, Kapasan, District, Chittorgarh, Rajasthan. INDIA. 6-7 Dec 2019.
- xxx. **Participated in One day state level UGC seminar** on “Intellectual Property Rights and Entrepreneurship” Organized by Ideal College of Arts & Sciences (A), Kakinada. 29th January 2020
- xxxi. **Participated in One day FDP** on “Massive Open Online Courses (MOOCS): Designing and Creation”, org by Dept. of Home Science, ASD Govt. College for Women (A), Kakinada. 7th Feb 2020
- xxxii. **Participated in One day FDP** on Intellectual Property Rights: Patent Laws and Technological Advances in Indian Perspective”, org by Dept. of Microbiology, ASD Govt. College for Women (A), Kakinada. 13th Feb 2020
- xxxiii. **Participated in One day training workshop** on ‘Impact of untreated Sewage Water on shallow Ground water Quality and its Remedies’ at NIH, Kakinada. 20.02.2020
- xxxiv. **Participated in Two-day National Seminar** on “India’s Economic Slowdown: Dynamics and Perspectives”, org by Depts. of Economics & Commerce, ASD Govt. College for Women (A), Kakinada. 6 & 7th Mar 2020

- xxxv. **Participated in Online Quiz** on “Awareness on COVID-19” on 27th April 2020, organized by Department of Zoology, Government College (A) Rajahmundry, A.P. INDIA.
- xxxvi. **Participated in National Level Online Quiz** on “ICT Teaching Tools” on the event of UGC Friday Challenge on 01st May 2020, organized by IQAC, SRR & CVR Government Degree College Autonomous, Vijayawada, A.P.
- xxxvii. **Participated in ONE-DAY National Webinar** on “Role of ICT in Smart Teaching and Scientific Writing” on 02nd May 2020, organized by Department of Physics and Computer Science, Government College Autonomous, Rajahmundry, Andhra Pradesh, INDIA.
- xxxviii. **Participated in TWO-DAY National Level online Faculty Development Programme** on “Open Learning with Open Online Tools” from 03-04th May 2020, organized by Internal Quality Assurance Cell, Government College Autonomous, Rajahmundry, Andhra Pradesh, INDIA.
- xxxix. **Participated in Online Quiz** on “Industrial Leakage Ruinous” on 14th May 2020, organized by Department of Chemistry & IQAC, Government Degree College, Narayanapuram, West Godavari District, Andhra Pradesh, INDIA.
- xl. **Participated in ONE-DAY International Webinar** on “Strategic preparedness & Socio-Economic impact of COVID-19 Outbreak” on 15th May 2020, organized by Department of Zoology, Botany, Biotechnology and Economics, Government College Autonomous, Rajahmundry, Andhra Pradesh, INDIA.
- xli. **Participated in Online Quiz** on “Awareness on COVID-19” on 18th May 2020, organized by Department of Chemistry, Ideal College of Arts & Sciences (A), Kakinada, Andhra Pradesh.
- xlii. **Participated in TWO-DAY International online Faculty Development Programme** in Chemistry on “Chemical Safety and Environmental Protection” from 18-19th May 2020, organized by Department of Chemistry, Government College Autonomous, Rajahmundry, Andhra Pradesh, INDIA.
- xliii. **Participated in Online Quiz** on “Research Aptitude” on 19th May 2020, organized by Department of Economics, ASD Govt. Degree College for Women (A), Kakinada.
- xliv. **Participated in ONE-DAY National Webinar** on “NAAC Assessment and Accreditation Process for Affiliated / Constituent Colleges” on 20th May 2020, organized by NAAC, Bengaluru, INDIA.

- xlvi. **Participated in Online Quiz** on “MATHEMATICS” on 23rd May 2020, organized by Department of Mathematics, GTRM Government Degree College, Yerraguntla, Kurnool (Dist.), A.P.
- xlvi. **Participated in Online Quiz** on “Awareness on COVID-19” on 25th May 2020, organized by Department of Chemistry & IQAC, SAS Government Degree College, Narayanapuram, West Godavari District, Andhra Pradesh.
- xlvi. **Participated in ONE-DAY National Webinar** on “Intellectual Property Rights: Current Issues and Challenges” on 26th May 2020, organized by Department of Chemistry, Adikavi Nannaya University, Rajahmundry, in Association with Our Staffing Solutions Hyderabad.
- xlvi. **Participated in National Level Online Quiz** on “COVID-19 Awareness Quiz” on 27th May 2020, organized by C.L Jain PG College, Firozabad, U.P.
- xlvi. **Participated in TWO-DAY International Webinar** on “Impact of Covid-19 on Environment and Science & Technology” on 26-27th May 2020, organized by Department of Physics & Electronics, Pithapur Rajah’s Government College, Autonomous, Kakinada, A.P.
- l. **Participated in National Level Online Quiz** on “English Grammar” on 30th May 2020, organized by Department of English, ASD Govt Degree College for Women Autonomous, Kakinada, Andhra Pradesh.
- li. **Participated in Online Awareness Quiz** on “COVID-19” on 2nd June 2020, organized by Department of Chemistry, Govt. Degree & PG College, Puttur, Chittoor Dist. A.P.
- lii. **Participated in Online “Vocabulary Quiz”** on 03rd June 2020, organized by Department of English, Government Degree College for Women, Srikalahasti, Chittoor District, Andhra Pradesh.
- liii. **Participated in National Level Online Quiz** on “General Awareness of Environmental Issues” on 05th June 2020, organized by Department of Biology & Chemistry, Government Degree College, Ramachandrapuram, A.P. INDIA.
- liv. **Participated in TWO-DAY National Webinar** on “Career Opportunities for Young Graduates in Pharma Industries” on 6–7th June 2020, organized by Department of Chemistry of P.R. Government College (Autonomous), Kakinada, Andhra Pradesh.
- lv. **Participated in SEVEN-DAY National Level e-Short Term Course** on “Covid-19 Crisis Awareness: Immunity Boost by Plants & Yoga” from 08-14th June 2020,

jointly organized by Zoology, Botany & Microbiology Dept. Govt. Girls P.G. College, Ujjain, M.P.

- lvi. **Participated in ONE-DAY National Webinar** on “Molecular Spectroscopy and Surface Analytical Techniques” on 12th June 2020, organized by Department of PG and Research Department of Chemistry, R.V. Government Arts College, Chengalpattu, Tamil Nadu.
- lvii. **Participated in TWO-DAY International Webinar** on “Emerging Trends in Chemistry with Emphasis on Research Guidance” on 13-14th June 2020, organized by Department of Chemistry, Govt. College for Women (A), Guntur, A.P, India.
- lviii. **Participated in ONE-WEEK National Level Faculty Development Programme in Chemistry** on “Recent Advances and Approaches in Chemistry, Chemical Biology and Drug Discovery” from 11-17th June 2020, organized by Department of Chemistry, Adikavi Nannaya University, Rajamahendravaram, A.P. INDIA.
- lix. **Participated in Online Quiz** on “Awareness Quiz on Environmental Issue” on 19th June 2020, organized by Department of Chemistry, Government Degree College, Eluru, W.G Dist. A.P.
- lx. **Participated in FOUR-DAY International Webinar** on “BIO-CONCLAVE – An Intellectual War Against COVID-19 Pandemic” from 19-22nd June 2020, organized by Department of Pharmaceutical Biotechnology, Hindu College of Pharmacy, Guntur, A.P.
- lxi. **Participated in National Level Online Quiz** on “Research Methodology” on 20th June 2020, organized by Department of Zoology, Government Degree College, Tekkali, A.P.
- lxii. **Participated in ONE-DAY National Webinar** on “COVID-19: A View on Vaccine Production” on 23rd June 2020, organized by Department of Chemistry, GITAM School of Science, Bengaluru, Karnataka.
- lxiii. **Participated in National Level “E-Quiz on Chemistry”** on 26th June 2020, organized by Department of Physical Sciences, Kakatiya Institute of Technology and Science, Warangal, Telangana.
- lxiv. **Participated in Online “IQAC Quiz”** on 30th June 2020, organized by IQAC, SVRK Govt Degree College, Nidadavole, W.G Dist. A.P.
- lxv. **Participated in TWO-DAY International Virtual Conference** on “Innovative Research in Chemical Sciences (IRCS-2020)” on 29th and 30th June 2020, organized

by Department of Chemistry, SRM Institute of Science and Technology, Ramapuram Campus, Chennai-89, Tamil Nadu.

- lxvi. **Participated in ONE-DAY National Webinar** on “Foot Prints of Pandemic in the Evaluation System” on 2nd July 2020, organized by Office of the Controller of Examinations, Queen Mary’s College (A), Chennai, Tamil Nadu.
- lxvii. **Participated in FIVE-DAY Faculty Development Programme** in Chemistry on “New Knowledge, Advanced Teaching & Research: New Frontiers and Emerging Technologies” from 1-5th July 2020, organized by **Commissionerate of Collegiate Education, A.P., Vijayawada.**
- lxviii. **Participated in National Level Online Quiz** on “Basics of Alcohols & Ethers in Chemistry” on 12th July 2020, organized by Department of Chemistry, Government Degree College Patancheru, Sangareddy Dist., Telangana state.
- lxix. **Participated in National Level Online Quiz** on “Coordination Chemistry” on 22nd July 2020, organized by Department of Chemistry and IQAC, Government Degree College Patancheru, Sangareddy Dist., Telangana state.
- lxx. **Participated in National Level Online Quiz** on “Chemistry” on 24th July 2020, organized by Department of Chemistry and IQAC, SCIM Govt. Degree & P.G. College, Tanuku, A.P.
- lxxi. **Participated in ONE-DAY International Webinar** on “Advances in Translational Cancer Research and Therapeutics” on 25th July 2020, organized by Department of Biosciences and Biotechnology, Krishna University, Machilipatnam A.P.
- lxxii. **Participated in National Level Online Quiz** on “General Chemistry” on 26th July 2020, organized by Department of Chemistry, S.K.B.R. Government Degree College, Macherla, Guntur Dist., A.P.
- lxxiii. **Participated in National Level Online Quiz** on “General Chemistry” on 26th July 2020, organized by Department of Chemistry, Government Model Degree College Yerragondapalem, Prakasam District, A.P.
- lxxiv. **Participated in National Level Online Quiz** on “Theory of Quantitative Analysis” on 26th July 2020, organized by Department of Chemistry, SVCR Govt. Degree College, Palamaner, A.P.
- lxxv. **Participated in ONE-WEEK National Level Faculty Development Programme** in Chemistry on “Emerging Technologies and Changing Scenario on Material Research” from 27th July to 01st August 2020, organized by Department of Basic Sciences, Santhiram Engineering College, Nandyal, A.P. INDIA.

- lxxvi. **Participated in National Level Online Quiz** on “IUPAC Nomenclature of Coordination Compounds” on 01st August 2020, organized by Department of Chemistry, Sri A B R Govt Degree College, Repalle, Guntur Dt., A.P.
- lxxvii. **Participated in National Level Online Quiz** on “Environmental Science” on 03rd August 2020, organized by Department of Chemistry, JMJ College for Women (A), Tenali, A.P.
- lxxviii. **Participated in TWO-DAY National Webinar** on “Demonstration of Online Educational Tools” on 03rd & 04th August 2020, organized by University College of Engineering Adikavi Nannaya University Rajamahendravaram, A.P.
- lxxix. **Participated in FIVE-DAY Faculty Development Programme** in “LMS Video & Pedagogy” from 03rd to 07th August 2020, organized by **Commissionerate of Collegiate Education, Vijayawada, A.P. INDIA.**
- lxxx. **Participated in ONE-DAY National Webinar SWASTIKA@2020** on “Myths and facts about antibiotics-Biotechnology perspective” on 06th August 2020, organized by Department of Biotechnology, Government College Autonomous, Rajahmundry, Andhra Pradesh, INDIA.
- lxxxi. **Participated in ONE-DAY National Webinar** on “Collaboration of Physics with Technology & Environment” on 12th September 2020, organized by Government Degree College, Pithapuram, Andhra Pradesh, INDIA.

**11. Details of Publications (Text Books, Monographs, Articles, Conference Proceedings etc.)**

| S.No | Title of the Book                                                                                                | Co-Author / Editor | Publisher                                                 |
|------|------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------|
| 1    | Intermediate Chemistry-II<br>Text Book (Telugu Medium)<br>ISBN: 818180188-1,<br><i>Year: 2013</i>                | Co-Author          | Telugu Academy,<br>Govt. of Andhra Pradesh,<br>Hyderabad. |
| 2    | Chemistry Question Bank-I<br>(English Medium)<br>For EAMCET, IIT-JEE<br>ISBN: 818180215-2,<br><i>Year: 2014</i>  | Co-Author          | Telugu Academy,<br>Govt. of Andhra Pradesh,<br>Hyderabad. |
| 3    | Chemistry Question Bank-II<br>(English Medium)<br>For EAMCET, IIT-JEE<br>ISBN: 818180225-X,<br><i>Year: 2014</i> | Co-Author          | Telugu Academy,<br>Govt. of Andhra Pradesh,<br>Hyderabad. |

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|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4 | Chemistry Question Bank-I<br>(Telugu Medium)<br>For EAMCET, IIT-JEE<br>ISBN: 818180259-4,<br><i>Year: 2015</i>                                                                                                                | Co-Author | Telugu Academy,<br>Govt. of Andhra Pradesh,<br>Hyderabad.                                                                                                                                                                  |
| 5 | Chemistry Question Bank-II<br>(Telugu Medium)<br>For EAMCET, IIT-JEE<br>ISBN: 818180260-8,<br><i>Year: 2015</i>                                                                                                               | Co-Author | Telugu Academy,<br>Govt. of Andhra Pradesh,<br>Hyderabad.                                                                                                                                                                  |
| 6 | Proceedings of NAAC<br>sponsored National Seminar<br>on IQAC<br>ISBN: 978-93-84648-59-6,<br><i>Year: 2015</i>                                                                                                                 | Editor    | International Science<br>Congress Association<br>(ISCA), International E-<br>Publication.<br>Indore-452005 (MP) INDIA<br><a href="http://www.isca.me">www.isca.me</a> , <a href="http://www.isca.co.in">www.isca.co.in</a> |
| 7 | Proceedings of IQAC<br>National Workshop on<br>“Academia-Industry<br>Interface: Strategies and<br>Perspectives for Resource<br>Management and<br>Organizational Development”<br>ISBN: 978-93-83792-62-1,<br><i>Year: 2019</i> | Editor    | Sucharitha Publications                                                                                                                                                                                                    |

**12. Honorary posts held on Committees in the Institution and outside the Institution (including Board of Studies, etc.):**

- Acted as an adviser to the M.Sc. Students (Queen Marys College, Madras University) for their academic project work, 1999.
- Worked as invigilator, supervisor and Examiner for the academic examinations, 2003 - 2018.
- Member, Chemistry Text Book Review Committee for 2012-13, Telugu Academy, Hyderabad, Govt. of Andhra Pradesh.
- Coordinator for Internal Quality Assurance Cell (IQAC) from 2011-12 to 2014-15, A.S.D. Govt. Degree College for Women (A), Kakinada, East Godavari, A.P.
- Delivered Lectures at the Faculty forum meetings on the topics “Role of Chemistry in Every Day Life” and “Communication” on dates 03.11.2014 and 14.09.2015 respectively.

- Acted as Jury at the District Level Exhibition and Project Competition-2015 for INSPIRE Awards conducted by the Dept. of School Education from 06.09.2015 to 08.09.2015 at AMG (E.M) High School, Kakinada, East Godavari, A.P.
- Delivered an Invited Guest Lecture on “Fundamentals of Molecular Spectroscopy” on 10.09.2015 at M.R. College (Aided), Peddapuram, East Godavari, A.P.
- In-Charge of the Chemistry Department, A.S.D. Govt. College for Women (A), Kakinada, East Godavari, A.P. from 2008 to 2015 and 2018 to till date.
- Chairperson, Board of Studies (BoS), Chemistry for 2015-16, 2019-20, 2020-21, 2021-22, A.S.D. Govt. Degree College for Women (A), Kakinada, East Godavari, A.P.
- Acting as BoS Subject Expert for GDC (A), Tuni.
- Acting as Academic local expert, IQAC for Ideal College of Arts and Sciences, Kakinada.
- Acted as Principal (FAC), ASD Govt. Degree College for Women (A), Kakinada, from 01.01.2021 to 03.06.2021.
- Acting as In-Charge of Chemistry, Academic Coordinator and Vice-Principal, P.R. Govt. College (A), Kakinada.

### 13. Awards and Distinctions:

- Awarded **Prof. Y. Krishna Reddy Memorial Prize** for securing **University first rank** in M.Sc. – Chemistry.
- Awarded **Dr. K. Suryanarayana Murthy Memorial Prize** for securing **overall top score in M.Sc. – Chemistry**.
- NCC – ‘C’ Certificate with **Grade – ‘A’**: Received **Chief Minister’s Gold Medal** from Honorable Chief Minister of Andhra Pradesh and also **Air Wing Gold Medal** from Honorable **Air Vice-Marshal** for getting **Best in All India Skeet Shooting** competition in 1995.
- **State Best Teacher Award-2022** in Chemistry by Govt. of Andhra Pradesh.

**14. Any other information:**

• **EXTRA CURRICULAR ACTIVITIES:**

- i. NCC – ‘C’ Certificate with Grade – ‘A’.
- ii. MARTIAL ARTS: Trained at BUDOKAI KARATE – DO – TRAINING SCHOOL, Hyderabad.
- iii. HOBBIES: Yoga, Meditation, Karate Practice and Listening to Ilayaraja Songs.

**15. DECLARATION:**

I, Dr. D. Chenna Rao, do hereby declare that the above furnished details are true and correct to the best of my knowledge and belief.

**Signature**

Station: Yeleswaram  
Date: 07.12.2023.