

# **WINNIE TEJA D.** M.Sc., (Ph. D)

Lecturer in Chemistry,  
Government Degree College, Chintalapudi, Eluru Dt.

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2 years of experience in teaching PG Chemistry, 6 years of experience in teaching UG Chemistry, 4 research publications and expertise with the most recent ICT tools.

## **EDUCATIONAL QUALIFICATIONS**

<b>M. Sc.</b>	University of Hyderabad, Hyderabad, 2010-2012, with aggregate of <b>74.90 %</b>
<b>B.Sc.</b>	P B Siddhartha College of arts and science, Vijayawada, 2007-2010, with aggregate of <b>90 %</b>
<b>Intermediate</b>	Sri Durga Malleswara Siddhartha Mahila Kalasala, Vijayawada, 2005-2007, with aggregate of <b>88.4%</b>
<b>S.S.C.</b>	Vignan Bharath Public School, Poranki, 2004-2005, with aggregate of <b>82%</b>

## **ADDITIONAL QUALIFICATIONS**

<b>CSIR- UGC NET</b>	Qualified National Eligibility Test conducted by CSIR-UGC with a rank of 57 in 2015
<b>APSET</b>	Qualified Andhra Pradesh State Eligibility Test conducted by Osmania University, 2012
<b>GATE</b>	Qualified Graduate Aptitude Test in Engineering in 2011,2015 and 2016 conducted by IIT's, India

## **TEACHING EXPERIENCE**

<b>Year</b>	<b>Place</b>	<b>Experience</b>
2024 (March)- Till Date	Lecturer in Government Degree College, Chintalapudi	<b>4 Months</b>
2018(June)-2024 (February)	Lecturer in SKR & SKR Government College for Women (A), Kadapa	<b>5 Years 8 months</b>
2016 -2018(April)	Lecturer at Andhra Loyola College, Vijayawada.	<b>2</b>
2013 – 2015	Worked as Lecturer in Sri Chaitanya college, Vijayawada.	<b>2</b>
2012 – 2013	Worked as Lecturer in Dr. KKR Gowtham Educational Institutions, Hyderabad.	<b>1</b>
2007 - 2010	Worked as Part time teacher in Ushodaya Public School, Poranki.	<b>3</b>

## RESEARCH PUBLICATIONS

### S.No. Research paper published in international journals

- 1 ***Effect of Extraction methods and solvent on phytochemical composition of Nyctanthesarbortristis.*** B.Kannamba\*, D. Winnie Teja, B. Siva kumari, **International Journal of Multidisciplinary Advanced Research Trends**, January 2017Volume IV Issue 1(3), Pg 14-19(ISSN: **2349-7408**)
- 2 ***Effect of Extraction methods and solvent on phytochemical composition of Medicinal Plants.*** B.Kannamba\*, D. Winnie Teja,Surekha M, Lavanya B,**Der Pharma Chemica**, 2017, 9(9), 152-156(ISSN: **0975-413X**)
- 3 ***Biosynthesis of silver nanoparticles using Mytragyna parvifolialeaf extract***,B.Kannamba\*, Y. Hanumantha Rao, D. Winnie Teja, S. Jyothi, K. Gayatri, **Journal of Chemical and Pharmaceutical Sciences**, January - March 2017 JCPS Volume 10 Issue 1, Pg 606-607 (ISSN: **0974-2115**)
- 4 **Simple Spectrophotometric Methods for the Determination of Sulfamethaxazole in Pharmaceuticals using Folinciocalteau and Orcinol as Reagents**, G. Vijaya Raja, C. BalaSekaran, D. Winnie Teja, B. Madhuri, and B. Jayasree, **E-Journal of Chemistry**, Volume 6 (2009), Issue 2, Pages 357-360, (ISSN: **0973-4945**)

## SEMINARS/ CONFERENCES

- 1 Presented a paper titled *Effect of extraction methods and solvent on Tridax procumbence* in two-day national seminar on “**Emerging trends in environment and sustainable development**” during 2<sup>nd</sup> and 3<sup>rd</sup> September 2016 organized by Department of Botany, Biotechnology and Microbiology at Andhra Loyola College, Vijayawada.
- 2 Presented paper titled *Biosynthesis of silver nano particles using Mytragyna parvifolia leaf extract* at a two-day national seminar on “**Advances in the synthesis of Nanomaterials and their multidimensional applications in chemical and bio sciences**” organized by Department of chemistry during 14<sup>th</sup> and 15<sup>th</sup> September 2016 at Andhra Loyola College, Vijayawada.
- 3 Presented a poster on *Nuclear Fuel cycle generated radiation Hazards* in “**A two-day workshop on Radio chemistry**” organized by Department of Chemistry during 27-28<sup>th</sup> September 2016 at P.B. Siddhartha college of Arts and Science, Vijayawada.
- 4 Presented a poster on *Effect of extraction methods and solvent on Phytochemical composition of Nyctanthes arbortristis* at International Conference on “**New approaches in Agricultural, food and environmental sciences**” organized by Department of Botany, Biotechnology and Microbiology during 22-24<sup>th</sup> December 2016 at Andhra Loyola College, Vijayawada.

## **FDP/WORKSHOPS/SEMINARS/WEBINARS ATTENDED**

1. Attended national workshop on “online Teaching & Learning using LMS-Moodle”- July 17-18-2020 organised by GAD-TLC, PMMMNMT, MHRD.
2. Participated in National webinar on “Empowering chemistry teachers for 21<sup>st</sup> century Higher Education”-July 28-29<sup>th</sup> 2020 organised by St. John’s College Agra.
3. Participated in National Webinar on “ICT enabled higher education in India; Challenges and Opportunities” -13-04-2020 Organised by Guru Angad Dev teaching Learning Centre SGTB Khalsa College, University of Delhi under PMMMNMTT Of MHRD, India.
4. Participated in National Webinar on “National Webinar on Role of teachers in Technology driven Higher Education” -25-04-2020 Organised by Guru Angad Dev teaching Learning Centre SGTB Khalsa College, University of Delhi under PMMMNMTT Of MHRD, India.
5. Participated in National Webinar on “National Webinar on Challenges and Opportunities before Indian Higher education due to COVID-19” - 02-05-2020 Organised by Guru Angad Dev teaching Learning Centre SGTB Khalsa College, University of Delhi under PMMMNMTT Of MHRD, India.
6. Participated in National Webinar on “National Webinar on Consequences of COVID-19 on Indian Economy in banking and retail sectors-Invigorating policies for Rejuvenation” -27-05-2020 Organised IQAC, SKR AND SKR GOVERNMENT COLLEGE FOR WOMEN(A), KADAPA.
7. Participated in National Webinar on “National Webinar on Consequences of COVID-19 on Indian Economy in banking and retail sectors-Invigorating policies for Rejuvenation” -27-05-2020 Organised IQAC, SKR AND SKR GOVERNMENT COLLEGE FOR WOMEN(A), KADAPA
8. Participated in 5-day Faculty Development Programme on New Knowledge, Advanced teaching & Research: New frontiers & Emerging Technologies-01-07-2020 to 05-07-2020, Organised by Commissionerate of Collegiate Education, Andhra Pradesh.
9. Participated in 5-day FDP on LMS e-CONTENT Tools- 03-08-2020 to 07-08-2020, Organised by Commissionerate of Collegiate Education, Andhra Pradesh.
10. Participated in Two-day International Webinar on Nutrition and Immune System Support During COVID-19 Pandemic- 15-06-2020 to 16-05-2020, organised by Dept. of Home Sciences, Sri Padmavathi Mahila Vishwa Vidyalaya, Tirupathi.
11. Participated in LMS workshop on “E-Content Generation” on 25-08-2022, organized by Commissionerate of Collegiate Education, AP, Mangalagiri in Collaboration with Ch. S. D. St. Theresa’s College for Women (A), Eluru.
12. Participated in One-day National Conference on Recent Trends in Material Science (RTMS-2022) on 24-09-2022, organised by Dept. Physics, Government College for Men(A), Kadapa.

13. Participated in One-day International Webinar on “New Trends and Approaches in Drug Development” on 22-10-2022, organised by Dept. of Zoology, Government College (Autonomous), Anantapuramu.
14. Participated in Three-days Training Program on “Internship and LMS” from 06-02-2023 to 08-02-2023 held at Nodal Resource Centre, GCMA, Kadapa organised by Commissionerate of Collegiate Education, AP, Mangalagiri.
15. Participated in One-day National Webinar on “Tiny Wonders, Big Future: Making and Understanding Nanomaterials” on 03-04-2024, organised by IQAC, DS Government Degree College for Women, Ongole.
16. Participated in Five-days National Webinar on “Pathways to Discovery and Innovation: Nurturing Researchers for Tomorrow (PDINR-2024) from 25-04-2024 to 30-04-2024, organised by Centre for Research Development and Promotion (PARISHODHAN), PR Government College (A), Kakinada.
17. Participated in One-day National Webinar on “Advanced Tools for Research Methodology” on 29-04-2024, organised by Department of Chemistry, Government Degree College, Avanigadda.
18. Participated in Five-days Online faculty Development Program (FDP) on “Role of Modern Tools and Techniques in Chemistry from 27-05-2024 to 31-05-2024, organised by Department of Chemistry, PB Siddhartha College of Arts & Sciences, Vijayawada.

### **FDP/WORKSHOPS/SEMINARS/WEBINARS ORGANISED**

- Organised one day national webinar on “***Pollution an invisible silent killer***” on 30-01-2020
- Organised one day national webinar on “***Exploring the Chemistry of Daily Life: From Breakfast to Bedtime and Beyond***” on 02-12-2023

### **ACHIEVEMENTS/AWARDS**

- Received ***Best Student Award*** from Akhila Bharathiya Vidyarthi Parishad (ABVP) for securing highest marks during the year 2007-2008 among the students of the college
- Awarded the cash prize by the Dept. of Chemistry for securing ***highest marks*** in chemistry in the three-year B. Sc Course during the year 2007-2010.
- Acted as Master Trainer for Training of Teachers (TOT) on Environmental Education at Government Degree College, Anantapur, Organized by APCCE.
- Received an ***appreciation award*** from Commissionerate of Collegiate Education, Govt. of AP for the meritorious service as content developer for LMS & Master Trainer

## **E-CONTENT DEVELOPMENT- 4 QUADRANTS (LMS Content Generation for APCCE)**

1. Aldol & Cannizaro reactions (EM)
2. Aldol & Cannizaro reactions (TM)
3. Benzoin & Perkin reactions (EM)
4. Benzoin & Perkin reactions (TM)
5.  $\text{SN}^1$  Reactions (TM)
6.  $\text{SN}^2$  Reactions (TM)
7. Critical Solution Temperature (EM)
8. Critical Solution Temperature (TM)
9. Joule Thomson Effect (EM)
10. Joule Thomson Effect (TM)
11. Importance of Biodiversity
12. Levels of Biodiversity
13. Threats to Biodiversity

## **APSCHE-PODCASTS**

- Critical Solution Temperature (EM & TM)
- Joule Thomson Effect (EM & TM)

## **BOOKS AUTHORED/EDITED**

- Life Skill Course- Semester-III: Energised Textbook (**ISBN No: 978-81-972999-0-2**)  
“Environmental Education” for Undergraduate Students-Published by Society of JKC,  
Commissionerate of Collegiate Education, AP, Mangalagiri

## **RC & OC DETAILS**

- ARPIT-Online Refresher Course for Higher Education Chemistry Teachers-01-09-2019 to 31-12-2019 organised by SWAYAM MOOCS.
- Faculty Orientation Course (Online Mode)-01-09-2020 to 30-09-2020 organised by Ramanujan College, New Delhi & PMMMNMT, MHRD, GOI.

## **COMPUTER SKILLS**

- Proficient with Microsoft Word, Excel, and Power Point and Photoshop.
- Familiar with chemistry related software like Chem Draw ultra, Chems sketch.

## **CERTIFICATE COURSE**

Acted as convenor and Resource Person for the certificate course “CHEMDRAW- DRAWING OF CHEMISTRY” for B. Sc chemistry students for the A.Y 2019-2020, 2020-2021 & 2021-2022

### DETAILS OF EDX COURSES

S.No	Name of the edX Course Completed	Offered University	Completed date
1	PH278AX: The Health Effects of Climate Change	Harvard University	12.05.2024
2	SNO131EN: Soft Skills: Solve Problems with Creative and Critical Thinking	IBM	15.05.2024
3	2.oX: Critical Thinking: How to develop Critical Thinking Skills	Box Play	16.05.2024
4	1.oX: Active Listening: How to be an effective Communicator	Box Play	18.05.2024
5	PSWG1: Power Searching with Google	Google	24.05.2024
6	CMS-3162X: Business Writing Techniques	Doane University	25.05.2024
7	CME 20666: Introduction to Food & Health	Stanford University	27.05.2024
8	PSY014CX: Mental Health and Nutrition	University of Canterbury	01.06.2024
9	Happy: Managing Happiness	Harvard University	10.06.2024
10	NcycleX: Nitrogen: A Global Challenge	The University of Edinburgh	19.06.2024

### ADDITIONAL RESPONSIBILITIES

- Acted as Department of Chemistry Incharge in SKR & SKR Govt. College for Women (A), Kadapa during 2019 to 2020
- Acted as Special fee fund convenor in SKR & SKR Govt. College for Women (A), Kadapa 2019-2024 (March)
- Acted as UGC Co-ordinator in SKR & SKR Govt. College for Women (A), Kadapa since 2019-2024 (March)
- Spoken tutorials faculty co-ordinator during 2019-2020
- Acted as Student Induction Program Coordinator in SKR & SKR Govt. College for Women (A), Kadapa and organized SIP program for 21 days to newly admitted students for the A.Y 2021-2022 and 2022-2023
- Acted as BOS Subject Expert for Government College for Men (A), Kadapa
- Acted as NCC CTO for 5 Andhra Girls Battalion, Tirupathi Unit of SKR & SKR Govt. College for Women (A), Kadapa from July 2023-2024 (March)
- Acted as NRC (Kadapa NRC/ GDCW NRC) level Subject Expert for Chemistry Subject for LMS

## PERSONAL PROFILE

- Name : Winnie Teja. D.
- Gender : Female
- Marital status : Married
- Date of Birth : 25-04-1990
- Nationality : Indian
- Languages Known : Telugu, English and Hindi