

## EDUCATIONAL QUALIFICATIONS

Examination and year	Subject(s), School/College attended, Name of the Board / University	% of marks obtained	Division /Class/	Year of Passing
S.S.C.	ENGLISH, TELUGU, HINDI, MATHS, PHYSICAL SCIENCE, SOCIAL STUDIES ZILLA PARISHAD HIGH SCHOOL, SAMISRAGUDEM SCHOOL OF SECONDARY EDUCATION, HYDERABAD	76.5	FIRST	1988
Inter	ENGLISH, TELUGU, MATHS, PHYSICS, CHEMISTRY GOVT. JUNIOR COLLEGE FOR GIRLS, NIDADAVOLE BOARD OF INTERMEDIATE EDUCATION, HYDERABAD	73.5	FIRST	1990
Degree	B.Sc. MATHS, PHYSICS, CHEMISTRY S.V.R.K. GOVT. DEGREE COLLEGE FOR MEN, NIDADAVOLE ANDHRA UNIVERSITY, VISAKHAPATNAM	77.7	FIRST	1993
P.G.	M.Sc. ORGANIC CHEMISTRY ANDHRA UNIVERSITY, VISAKHAPATNAM ANDHRA UNIVERSITY, VISAKHAPATNAM	62.4	FIRST	1996
Ph.D.	KINETIC AND MECHANISTIC STUDIES ON THE OXIDATION OF L-TYROSINE AND L-SERINE ANDHRA UNIVERSITY, VISAKHAPATNAM ANDHRA UNIVERSITY, VISAKHAPATNAM	---	---	2015

# RESEARCH PUBLICATIONS

## 1. KINETICS AND MECHANISM OF OXIDATION OF L-TYROSINE BY HEXACHLOROIRIDATE(IV) IN PERCHLORIC ACID MEDIUM

Journal : **Proceedings of Indian National Science Academy**

Edition: **Vol.77(3)**; Page Numbers: **219-225**; ISBN: **0370-0046**; Year: **2011**

## 2. KINETICS AND MECHANISM OF OXIDATION OF L-SERINE BY ALKALINE PERIODATE

Journal : **Research Journal of Pharmaceutical, Biological and Chemical Sciences**

Edition: **Vol.4(1)**; Page Numbers: **675-685**; ISBN: **0975-8585**; Year: **2013**

## 3. KINETICS AND MECHANISM OF IRIIDIUM(III) CATALYSED OXIDATION OF DL-METHIONINE BY ALKALINE HEXACYANOFERRATE(III)

Journal : **Journal of Indian Chemical Society**

Edition: **Vol.90**; Page Numbers: **365-371**; ISBN: **0019-4522**; Year: **2013**

## 4. OXIDATION OF L-TYROSINE BY TETRACHLOROAUATE(III) – A KINETIC STUDY

Journal : **International Journal of Scientific Research**

Edition: **Vol.2(4)**; Page Numbers: **25-27**; ISBN: **2277-8179**; Year: **2013**

## 5. KINETICS AND MECHANISM OF OXIDATION OF L-CYSTEINE BY PERIODATE IN ALKALINE MEDIUM

Journal : **Proceedings of Indian National Science Academy**

Edition: **Vol.79(2)**; Page Numbers: **177-183**; ISBN: **0370-0046**; Year: **2013**

## 6. KINETICS AND MECHANISM OF OXIDATION OF L-TYROSINE BY THALLIUM(III) IN PERCHLORIC ACID MEDIUM

Journal : **International Journal of Applied and Natural Sciences**

Edition: **Vol.2(3)**; Page Numbers: **75-80**; ISBN: **2319-4014**; Year: **2013**

## 7. RUTHENIUM(III) CATALYSED OXIDATION OF L-SERINE BY MANGANESE(III) - KINETICS AND MECHANISM

Journal : **Online International Interdisciplinary Research Journal**

Edition: **Vol.3(6)**; Page Numbers: **207-218**; ISBN: **2249-9598**; Year: **2013**

## 8. MICELLAR EFFECTS ON THE KINETICS AND MECHANISM OF OXIDATION OF L-CYSTEINE BY HEXACHLOROIRIDATE(IV) IN PERCHLORIC ACID MEDIUM

Journal : **International Journal of Academic Research**

Edition: **Vol.3**; Page Numbers: **67-72**; ISBN: **2248-7666**; Year: **2016**

## **TRAININGS & WORKSHOPS PARTICIPATED**

1. Title: **Orientation Programme**  
Type: **Orientation Course**  
Organized by: **UGC-ASC, Sri Venkateswara University, Tirupati**  
Date: **21.04.2003 - 17.05.2003**
2. Title: **Refresher Course**  
Type: **Refresher Course**  
Organized by: **UGC-HRDC, University of Hyderabad, Hyderabad**  
Date: **18.07.2008 - 07.08.2008**
3. Title: **Mathematical Algorithms and Statistical Analyses**  
Type: **Training**  
Organized by: **College of Science & Technology, Andhra University, Visakhapatnam**  
Date: **02.08.2010 - 07.08.2010**
4. Title: **Refresher Course in Chemistry, Batch-XXV**  
Type: **Refresher Course**  
Organized by: **UGC-HRDC, University of Madras, Chennai**  
Date: **11.08.2015 - 31.08.2015**
5. Title: **ICT in Teaching & Research**  
Type: **Short Term Course**  
Organized by: **UGC-HRDC, JNTUH, Hyderabad**  
Date: **03.10.2016 - 08.10.2016**
6. Title: **From e-Learning to e-Training**  
Type: **Online Workshop**  
Organized by: **Ramanujan College, New Delhi**  
Date: **25.05.2020 - 05.06.2020**
7. Title: **Chemistry and Its Applications - (VCCA-2020)**  
Type: **Virtual Conference**  
Organized by: **University of Mauritius, Mauritius**  
Date: **01.08.2020 - 31.08.2020**

## **PAPERS PRESENTED IN SEMINARS & CONFERENCES**

1. Seminar Name: **International Symposium on “Effect of Emissions & Effluents on Environment”**

Organized by: **Dept. of Engineering Chemistry, AU College of Engineering, Andhra University, Visakhapatnam**

Date: **23.12.2011 - 24.12.2011**

Title of the paper presented: **Ruthenium(III) Catalysed Oxidation of L-serine by Manganese(III) -Kinetics and Mechanism**

2. Seminar Name: **National Conference on “Emerging Trends in Chemical Research”**

Organized by: **Dept. of Chemistry, GITAM Institute of Technology, Visakhapatnam.**

Date: **07.09.2012 - 08.09.2012**

Title of the paper presented: **Kinetics and Mechanism of Oxidation of L-cystine by Thallium(III) in Perchloric Acid Medium**

3. Seminar Name: **National Seminar on "Recent Trends and Future Perspectives in Materials Science"**

Organized by: **Dept. of Inorganic and Analytical Chemistry, Andhra University, Visakhapatnam**

Date: **28.06.2013 - 29.06.2013**

Title of the paper presented: **Kinetics and Mechanism of Oxidation of L-histidine by Thallium(III) in Perchloric Acid Medium**

4. Seminar Name: **International Conference on “Recent Advances in Analytical Science”**

Organized by: **Dept. of Chemistry, IIT-BHU, Varanasi.**

Date: **27.03.2014 - 29.03.2014**

Title of the paper presented: **Mechanistic Study on the Oxidation of L-histidine by Hexachloroiridate(IV) in Sodium Acetate-Acetic Acid Buffer Medium**

5. Seminar Name: **National Seminar on “Advanced Techniques in Chemical Research”**

Organized by: **Dept. of Chemistry, S.K.S.D. Mahila Kalasala UG&PG, Tanuku, W.G.Dt.**

Date: **30.01.2016 - 31.01.2016**

Title of the paper presented: **Micellar Effects on the Kinetics and Mechanism of Oxidation of L-cysteine by Hexachloroiridate(IV) in Perchloric Acid Medium**

6. Seminar Name: **36th Annual National Conference of Indian Council of Chemists**

Organized by: **School of Chemistry, Andhra University, Visakhapatnam**

Date: **26.12.2017 - 28.12.2017**

Title of the paper presented: **Kinetics and Mechanism of Oxidation of L-tyrosine by Iron(III)-1,10-phenanthroline Complex in Perchloric Acid Medium**

## **MEMBERSHIP IN PROFESSIONAL BODIES**

1. Organization Name: **Chemical Research Society of India (2013)**

Membership Category: **Life Membership**

Membership Type: **LM 1621**

2. Organization Name: **Indian Association of Nuclear and Allied  
Scientists (2014)**

Membership Category: **Life Membership**

Membership Type: **3195**