



**ANNAVARAM SATHYAVATHI DEVI GOVERNMENT  
DEGREE COLLEGE FOR WOMEN (AUTONOMOUS)**

Re-Accredited by NAAC with "B" Grade in Cycle-III

KAKINADA - 533002



## Department of Chemistry

### Profile



1. **Name** : Kalidindi Jhansi Lakshmi
2. **Designation and Place of work** : Lecturer in Chemistry  
A.S.D Government College for Women (A)  
Kakinada-533003  
A.P., INDIA.
3. **Date of Birth** : 21-07-1967
4. **Nationality** : Indian
5. **Address for Correspondence** : Dr. K. Jhansi Lakshmi, Lecturer in Chemistry  
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## 6. Details of Educational Qualifications:

Sl. No.	Course	University	Year	Specialization	Marks/CGPA
1.	M.Sc	Andhra University, Visakhapatnam	1990	Physical Chemistry	64.2%
2.	Ph. D.	JNTU-K, Kakinada	2015	Analytical & Environmental chemistry	

## 7. Experience:

S.NO	Designation	College	Duration
1	Adhoc Lecturer	Ideal college of Arts & Sciences, Kakinada	8 years 4 months
2	Permanent Lecturer	Ideal college of Arts & Sciences, Kakinada	19 years 7 months
3	Permanent Lecturer	A.S.D. govt.college for women(A) kakinada	2 years

8. Certified with silver Elite in NPTEL Online certification 8 weeks course in Chemical applications of Symmetry and Group theory from Jan-march 2022

9. Certified with A+ grade in UGC-Approved Short-Term Professional Development Programme in Implementation of NEP-2020 for University and college teachers from October 27- November 05, 2022 by IGNOU, New Delhi

10. Certified for SWAYAM Online course on 'Quality Assurance through NAAC Accreditation process'

## 11. Administrative Experience:

- Working as Coordinator, Jawahar Knowledge Centre, working as Head of department of Chemistry.
- Worked as IQAC Coordinator, organizing member for SAM workshop
- Worked as NAAC coordinator during 2017-18 II cycle NAAC assessment in Ideal college of Arts and sciences, Kakinada
- Worked as FAC Principal for 2 years

## 12. Leadership Training Programs attended:

- **Attended five day workshop on capacity building of women Managers in Higher education conducted by UGC at University of Hyderabad , Hyderabad.**

### **13. National/State level Conferences, Workshops and seminars attended**

1. National Seminar on “Prospective of Interdisciplinary Research in Basic Sciences (INSIRBS) organized by P.R. Govt College (A) in collaboration with ACT, Mumbai and Science Vision (Regd), Kakinada on 30 & 31<sup>st</sup> May 2013 Presented a paper on “Physicochemical and Biochemical Characterization of Subsurface Waters for Quality Evaluation”
2. One day State Level seminar on “Recent Trends in Materials Science” on 22 February 2014 held at Ideal college of Arts & Sciences, Kakinada.
3. State Level Seminar on “Quality Enhancement in Government degree colleges- Role of Teachers” on 10<sup>th</sup> October 2015 at DR B.R. Ambedkar Assembly Hall, Andhra University, Visakhapatnam.
4. IQAC UGC State level seminar on” The required Benchmarks for Quality Sustenance and Quality Enhancement” on 23<sup>rd</sup> January 2016 held at Ideal college of Arts & Sciences, Kakinada
5. Two day National workshop on “Radiochemistry and applications of Radio Isotopes” on 26 & 27<sup>th</sup> February 2016 held at P.R. Govt. College , Kakinada in collaboration with Indian Association of Nuclear chemists & allied scientists(IANCAS)
6. Attended a Faculty Development Programme on “ Significance of Interdisciplinary Research in Basic Sciences” at Pragati Engineering College on 19<sup>th</sup> and 20<sup>th</sup> March 2016.
7. Attended UGC- Two Day National seminar on “Applications of Nanomaterials in Energy and Environment” organized at A.S.D.Govt. Degree college for Women(A), Kakinada on 17<sup>th</sup> and 18<sup>th</sup> of august 2016.
8. Attended a Two Day National seminar on “Advanced Materials in Science & Technology” organized in P.R. Govt. College (A) Kakinada on 17<sup>th</sup> and 18<sup>th</sup> of September 2016.

9. Attended a Two Day National seminar on “Energy & Ecology” organized by Sir CRR (A)college, Eluru on 4<sup>th</sup> and 5<sup>th</sup> of October 2016
10. Participated in the National seminar on “ Institutional Quality maintenance and Improvement “ organized by IQAC, Ideal college of Arts and Sciences(A) , Kakinada on 21<sup>st</sup> and 22<sup>nd</sup> January 2017.
- 11 Attended Two day National Seminar on ‘ Recent Advances in Material Science” on 30<sup>th</sup> and 31<sup>st</sup> May conducted by department of Physics and dept of Eng chemistry, Andhra University, Visakhapatnam
- 12 Attended One day international Symposium on “Recent Innovations in Engineering Materials” On 31<sup>st</sup> August 2017 organized by Dept of Engineering chemistry, S.R.K.R Engineering Colege(A),Bhimavaram.
- 13 Attended Two day National Seminar on” Recent trends in Chemistry and Physics of materials” On 15<sup>th</sup> and 16<sup>th</sup> September 2017 organized by Department of chemistry, S.R.R &C.V.R Govt Degree college(A),Vijayawada.
- 14 Attended three day National Conference on”Innovative Perspectives of Chemistry in Environment, Pharmacy and Technology & National convention of Chemistry teachers” from 6<sup>th</sup> – 8<sup>th</sup> October 2017 Organized by Department of chemistry, Pragathi Engineering College(A),Kakinada
- 15 Attended One day UGC sponsored “ Capacity Building workshop for teachers on Research publication-Importance of Journal Metrices organized by P.R.govt college Kakinada On 18-11-2017
- 16 Attended 5 Day Faculty Developemt Progrmme in chemistry on “New Knowledge, Advanved Teaching& Research: New Frontiers and Emerging Technologies” Conducted by Commissioner of Collegiate Education” AP. From 1<sup>st</sup> july 2020 to 5<sup>th</sup> july 2020.
- 17 Participated in three day International Webinar on “Recent Innovations in Pharmaceutical and Applied sciences on 17<sup>th</sup> -19<sup>th</sup> March 2022 organized by department of Chemistry, JMJ college for Women(A),Tenali

- 18 Attended 5Day FDP On “ Design ,Deliver and Develop Blended learning course” By NIEPA from 4<sup>th</sup> -8<sup>th</sup> April 2022
19. Participated in the 6 day training of the trainers programme on English medium of Instruction, Proficiency in English From 19/06/2023 to 24/06/2023 by NRC, PR Govt College(A) Kakinada organized by Commissionerate of Collegiate education, A.P
20. Participated in the one day National seminar on ‘Novel Material,Nano Technology & Bio medical applications’ organized by Departments of Physics and Chemistry at P.R.Govt.College(A), Kakinada in collaboration with department of Physics, Adikavi Nannayya University Campus , Tadepalligudam on 15 July 2023.
21. Participated in the Five days e- Faculty Development Programme on “ Pharmaceutical Innovations and Protection Strategies” jointly organized by Seven Hills college of Pharmacy(A), Tirupati, A.P & CSIR- Institute of minerals and material technology, Bhubaneswar, India from 18<sup>th</sup> July to 22<sup>nd</sup> July 2023
22. Participated in the five day inter disciplinary online Faculty Development programme On Institutional initiatives for Effective Assessment and Accreditation in the context of NEP-2020 from 07-08-2023 to 11-08-2023 organised at S.S & N College, Narsaraopet in collaboration with APCCE.
23. Participated in the International webinar titled ‘ Data Collection Methods & Strategies for Academic Research’ organized by Department of Research & publications , A2Z EduLearningHub LLP on 30<sup>th</sup> August 2023.

#### **Attended and Presented paper in International conference/workshops**

1. Third Annual International Conference (AIC-3) Industry-CCRS Congress (ICC)2015 held at B.R. Ambedkar University, Srikakulam, Andhra Pradesh on December 16 &17 th 2015 Presented a poster on “The Structural influence of Manganese ions in Lithium Zinc borate glasses by means of Optical absorption study.
2. Attended an International workshop on Conservation Biology-2016 organized by A.S.D College for women(A),Kakinada on 20<sup>th</sup> December-2016.

3. Attended and submitted paper for a UGC sponsored Two day International conference on “Emerging Trends in Chemical ,Pharmaceutical, Environmental Sciences and Technology” held during 24<sup>th</sup> and 25<sup>th</sup> January 2017.

### **Presented paper in International conference**

1. Presented paper in 2<sup>nd</sup> International conference on Global Trends in Pure and Applied Chemical Sciences , 3<sup>rd</sup> -4<sup>th</sup> of October 2014 , Harbour Plaza Resort city, Hong-Kong, organized by Asian Journal of Chemistry on “ Physicochemical, Biochemical and Heavy metal Analysis of Subsurface waters near Nonpoint Sources (NPS) for assessing their quality for end user application,

### **11. Courses attended**

1. A Two week audit course on “Research Methodologies” from 1- 15 th May-2013 conducted by JNTUK –Kakinada.
2. A Two week audit course on “Intellectual Property Rights and patents” from 16- 30 th May-2013 conducted by JNTUK –Kakinada.
3. UGC –Sponsored Orientation Course from 04-08-2014 to31-08-2014 ( 4 weeks) held at Academic staff college , Andhra university, Visakhapatnam.
4. UGC –Sponsored Interdisciplinary Refresher Course in Disaster Management from 28-09-2015 to 18-09-2015 ( 3 weeks) held at Academic staff college , Andhra university, Visakhapatnam
5. Attended a Two week online “ Refresher Course in Chemistry” Conducted by UGC- Human Resource Development centre, University of Hyderabad from 10<sup>th</sup> to 22<sup>nd</sup> October ,2022

### **14. Research Publications:**

- Published 7 research papers in International Journals/Conferences.
- K.Jhansi Lakshmi ,P.V.S. Machiraju and P.UdayaBhaskar “ Quality evaluation of Subsurface waters near an Industrial Effluent stream by physic chemical and Microbial characterization for Assessing their potention for application” Journal of Applicable chemistry,2013,2(5); 1391-1401,ISSN: 2278-1862.
- K.Jhansi Lakshmi ,P.V.S. Machiraju , P. Satyanarayana and P.UdayaBhaskar” A Study on Hydro Geochemistry of Ground waters Near Kakinda Coast in East Godavari, District of Andhra Pradesh, International Journal of Advance Research in Chemical sciences,volume2, issue-11, November 2013,pp1-7, ISSN 2349-0403
- K.Jhansi Lakshmi ,P.V.S. Machiraju and P.UdayaBhaskar “ Physico and Biochemical Analysis of subsurface waters near polluted surface water source for Quality Evaluation, Internation journal of Pharma and Biosciences, 2013 ict;4(40: (B) 867-874 ISSN 0975-6299
- Jhansi Lakshmi.K., Machiraju P.V.S and UdayaBhaskar .P “ Physicochemical and Microbial Characterization of subsurface waters near a nonpoint source for assessment of

Quality for end user Application” International Journal of Current Chemical sciences vol.3, issue,1,p.p 06-13,January 2014

- Machiraju,P.V.S, Lakshmi,K.Jhansi “ Physicochemical ,Biochemical and Heavy metal analysis of subsurface waters near Non point source for assessing their Quality for End User application” Asian Journal of Chemistry 2014 supplement, vol.26 pS.153-S.156
- K.Jhansi Lakshmi, S.Padmavathi, D.Balarama Raju and Ch.V.V. Satyavani” Excessive usage of Non Renewable Energy Resources-Its impact on Global warming, Journal of Chemical, Biological and physical sciences ,section-D,August2016-oct 2016,vol.6No.4,1261-1266.

- Three Student Projects were completed under my supervision.

#### **15. Membership**

1. Life Member in Association of Chemistry Teachers-Mumbai

#### **16. Extension Activities**

Acted as Jury member for state level science exhibition by INSPIRE from 25-11-2016 to 27-11-2016 at Hamsavahini school.