

CURRICULUM VITAE

PROF. KAZA SOMASEKHARA RAO, MSc., Ph.D.,(Retd.)

DEPARTMENT OF CHEMISTRY

ACHARYA NAGARJUNA UNIVERSITY- Dr.M.R.APPA ROW CAMPUS

NUZVID - 521 201, A.P. INDIA.

Visiting Professor Nagaland Central University, Lumami, Nagaland.

Vice-President Indian Council of Chemists (ICC)

Editor-in-Chief Journal of Applicable Chemistry

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SUMMARY:

- 45 years of Research experience in Chemistry in the area of precipitation techniques, catalysis, environmental (quality and assessment of ground water), titrimetry, clay analysis.
- 45 years of experience in Teaching M.Sc. Students.
- Supervised Ph.D. - 22 and M.Phil. - 40 Students.
- Consultant for various Industries.
- Author of several research publications (>200) in Journals of National and International repute.
- Attended >200 National and International (Lovain-la-neuve, Belgium, Bangkok, Dubai, Hongkong, Tashkent, etc.,) conferences.
- Experienced in formulating research projects (two projects were funded).
- Authored M.Sc., level four textbooks and co-authored for 10 B.Sc., books, One Pharmacy Book, 2 International Publisher Books (Germany) on KAZA's Carbons, published many popular articles in Telugu Vignana Masa Patrika and contributed articles for Telugu Vignana Sarvaswam. Co-Authored one IGNO book
- Editorial Board Member for many International and National Journals.
- Retired on 31-3-2007
- Given Invited Talks at National University Singapore, and Nanyang Univ. Singapore.
- Developed Low Cost KAZA'S Carbons for Defluoridation of Potable Water in Rural Areas.
- Worked as Contract Professor of Chemistry at Nagaland University (Central University of India), Lumami, Nagaland. Still working as a visiting Professor.

- Founder and Editor-in. Chief of International Bi- Monthly Journal, **Journal of Applicable Chemistry** (www.joac.info) from 2012.
- Vice-President, Indian Council of Chemists.
- Visiting Professor to Nagaland Central University from 2014.

BIRTH DATE: 10-03-1947 BORN: Gudlalleru, Krishna Dt. A.P , India.

EDUCATION:

B.Sc. 1969- Hindu College, Machilipatnam, Andhra University, A.P. India.
M.Sc 1971-Govt. Engg. College, Jabalpur, Rani Durgavati University, Jabalpur, M.P. INDIA

Ph.D. (Analytical) 1975-Pt.Ravisankar University, Raipur, India.

RESIDENCE ADDRESS: K.SOMASEKHARA RAO
 25-122, Sekhar Street
 Sarada Nagar, Road No.3
 NUZVID – 521 201.

EXPERIENCE:

- **07/1976 - 11/1977** LECTURER, Andhra University, Waltair, A.P., India.
- **11/1977 - 03/1985** LECTURER, Andhra University P.G.Centre, Department of Chemistry, Nuzvid - 521 201, A.P.
- **08/1988 -08/1991** HEAD, Department of Chemistry, Andhra University P.G.Centre, Nuzvid - 521 201, A.P.
- **08/1985 - 07/1994** READER, Nagarjuna University P.G.Centre, Department of Chemistry, Nuzvid -521 201, A.P.
- **07/1994 -2007** PROFESSOR, Nagarjuna University P.G.Centre, Department of Chemistry, Nuzvid -521 201, A.P.
- **08/1996-98 and 07/2000-02** SPECIAL OFFICER, Nagarjuna University P.G. Centre, Nuzvid -521 201, A.P. (About 14 Years)
- **10/2000-2002** HEAD, Department of Biochemistry, Nagarjuna University P.G.Centre, Nuzvid -521 201, A.P.
- **05/2003-05/2005,** HEAD, Department of Chemistry Nagarjuna University P.G.Centre, Nuzvid -521 201, A.P.
07/2005-2007 Chairman Board of Studies in PG Chemistry of Acharya Nagarjuna University.
- **03/2006-2007** ACADEMIC SENATE MEMBER of Acharya Nagarjuna University.
- **11/2010-7/2012** PROFESSOR of Chemistry, Nagaland University, Nagaland

GUIDANCE: Ph.D: 22 M.Phil: 40

CONFERENCES:

- Attended > 200 National and International Conferences.

- Director of **Three** National Symposium/Seminar conducted at NUPG Center, NUZVID in Feb. 1996, Feb. 2002 & Jan 2005.
- Advisor to many National Seminars
- Conducted by Journal of Applicable as Chief Editor Chemistry National Seminar on Solid Waste Disposal and Management to Protect Environment- Wealth from Waste at Nuzvid on 4th June 2017

MEMBERSHIP:

- Catlysis Society of India,
- Indian Council of Chemists,
- Indian Society of Analytical Scientists,
- Vice-President (North-East Zone) For Indian Council of Chemists.
- Sectional President for Analytical and Environmental Chemistry Section of 24th Annual Conference of The ICC held at Ranchi, During Dec. 19-21, 2005.
- Acted as Session Chairman.

AWARDS, HONORS:

A) Granting Body:

- I. American Bibliography Institute: 1) Man of the Year 1998
2) 2000 Millennium Medal of Honor
3) Member of Research Board of Advisers.
- II. International Bibliographic Centre, Cambridge: The **20th Century Award for Achievement**.
- III. National and International compendium: **Life Time Achievement Award**. 03/2002
- IV. Friendship Forum of India, New Delhi: **Bharat Excellence Award** with Gold Medal, 07/2003
- V. International Penguin Publishing House, New Delhi: **Rising personalities of India award** with Gold medal. 07/ 2004.
- VI. Friendship Forum of India, New Delhi: **Bharat Shiromani, Bharat Yogyata, Best personalities of India Awards** with Gold Medals 09/2010
- VII. Indian Council of Chemists: **Life Time Achievement Award**. 12/2017

B) Biography was published in: -

- International Who is Who of 20th century achievement - ABI
- 6th World Edition of International Book of Honor - ABI
- 7th Edition of Five Thousand Personalities of the World - ABI
- Outstanding People of the 20th Century -IBC
- Indo - European Who is Who
- Who is Who in the World 17th Edition 2000 Marqis.
- International Penguin Publishing House, New Delhi.
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RESEARCH PROJECTS:

- Quality and assessment of Ground Waters in and around NUZVID 03/84-07/87. U.G.C. Sponsored.
- Development of HDS Catalysts by PFHS method 08/87-12/90 C.S.I.R. Sponsored.

BOOKS:

- 1) Text book of Coordination Chemistry - K.Somasekhara Rao, Kalyani Publishers 1991, pages 160.
- 2) Unified Chemistry Part-I - K. Somasekhara Rao and Y.R. Sharma Kalyani Publishers 1991, Pages 624.
- 3) Unified Chemistry Part-II - K. Somasekhara Rao and Y.R. Sharma Kalyani Publishers 1992, Pages 744.
- 4) Unified Chemistry Part-IV- K. Somasekhara Rao and Y.R. Sharma Kalyani Publishers 1993, Pages 678.
- 5) Text book of Coordination Chemistry-Kaza Somasekhara Rao & Kaza Naga Krishna Vani, Kalyani Publishers, 2002, 2nd Edn. pg. 424.
- 6) Text book of Coordination Chemistry – Kaza Somasekhara Rao & Kaza Naga Krishna Vani, Kalyani Publishers, 2004, 3rd Edn. pg. 460.
- 7) Text book of Coordination Chemistry – Kaza Somasekhara Rao & B. Naga Krishna Vani, Kalyani Publishers, 2006, 4th Edn. pg.450.
- 8) Text Book of Practical Inorganic Chemistry. 2004, Pg. 215. Kaza Somasekhara Rao & K.N.K. Vani.
- 9) Inorganic Chemistry, Paper–II (A.N.U. Distance Education), Editor, Kaza Somasekhara Rao, 2004.
- 10) Inorganic chemistry, Paper-VI (ANU Distance Education), Editor, Kaza Somasekhara Rao, 2004.
- 11) Author of soil pollution monitoring in environmental pollution course of IGNOU (Unit-8) New Delhi. 2002, Pg.20.
- 12) A Text Book of Chemistry B.Sc., 1st Year, 2005. Victory Publishers, Vijayawada.
- 13) A Text Book of Chemistry B.Sc., 2nd Year, 2005. Victory Publishers, Vijayawada.
- 14) Pharmaceutical Inorganic Chemistry, Text Book for Pharmacy-2010, BS Publishers, Hyderabad.
- 15) Two Research Books by LAP Publishers(Germany)KAZA's Carbons.

OTHER ACTIVITIES:

- 1) Acted as **President**, Fine Arts Association, Andhra University P.G.Centre, NUZVID, 521 201. A.P.
- 2) Given **Talks** in All India Radio, Vijayawada to popularize science.
- 3) Vice-President (South Zone, North-East Zone) Indian Council of Chemists, India.
- 4) Editorial Board Member for Research Journal Pollution Research.
- 5) Editorial Board Member for Research Journal Chemical and Environmental Research.

- 6) Editorial Board Member for Research Journal of Indian Council of Chemists.
- 7) Editorial Board Member for Research journal of Asian Journal of Chemical and Environmental Research.

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