

PROF. KAZA SOMASEKHARA RAO, MSc., Ph.D.,

DEPARTMENT OF CHEMISTRY

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

NUZVID - 521 201, A.P. INDIA.

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Present address – Department of Chemistry,

Nagaland University

Hqrs- Lumami, Nagaland . Pin-798627

SUMMARY:

- 40 years of Research experience in Chemistry in the area of precipitation techniques, catalysis, environmental (quality and assessment of ground water), titrimetry, clay analysis.
- **35** years of experience in Teaching M.Sc. Students.
- Supervised Ph.D. - 20 and M.Phil. - 40 Students.
- Consultant for various Industries.
- Author of several research publications (**150**) in Journals of international repute.
- Attended about 100 National and International (Lovain-la-neuve, Belgium and Bangkok) conferences.

- Experienced in formulating research projects (two projects were funded).
- Authored M.Sc., level four textbooks, one Pharmaceutical Inorganic Chemistry and co-authored for 6 B.Sc., books, published popular articles in Telugu Vignana Masa Patrika and contributed articles for Telugu Vignana Sarvaswam. Total 16 Books
- Examiner for many Universities at the Doctoral, Post graduate, Undergraduate level.
- Editorial Board Member for many 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.
- Ex-Academic Senate Member of Acharya Nagarjuna University
- Ex-Principal of Pharmacy college, Hyderabad
- **Awardee of Bharat Shiromani, Bharat Yogyata, Best personalities of India**
- ***Presently Appointed as PROFESSOR of CHEMISTRY at NAGALAND UNIVERSITY (CENTRAL UNIVERSITY) AT LUMAMI HQ.S , NAGALAND.***

BIRTH DATE: 10-03-1947

EDUCATION:

B.Sc.,	-	1969 - Andhra University, India
M.Sc.,	-	1971 - Applied Chemistry (Inorganic)

Chemistry Main) Jabalpur
Ph.D., - 1975 - Analytical, Ravisankar University,
RAIPUR, India

RESIDANCE ADDRESS: K.SOMASEKHARA RAO
25-122, Sekhar Street
Sarada nagar,Road no.3
NUZVID – 521 201.

EXPERIENCE:

- **07/1976 - 11/1977 LECTURER**, Andhra University, WALT AIR, 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.
- **08/1993 - 07/1994 READER**, Nagarjuna University P.G.Centre, Department of Chemistry, Nuzvid -521 201, A.P.
- **07/1994 - 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 - 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 – Chairman** Board of Studies in PG Chemistry of Acharya Nagarjuna University.
- **03/2006- ACADEMIC SENATE MEMBER** of Acharya Nagarjuna University.
- **11/2010-PROFESSOR,Nagaland University, Nagaland**

GUIDANCE: Ph.D., :20
 M.Phil., :40

PUBLICATIONS: 150

- Attended about 100 National and Two International Conferences.
- Director of **Three** National Symposium/Seminar conducted at NUPG Center, NUZVID in Feb. 1996, Feb. 2002 & Jan 2005.

MEMBERSHIP:

- CATLYSIS SOCIETY OF INDIA,
- INDIAN COUNCIL OF CHEMISTS,
- INDIAN SOCIETY OF ANALYTICAL SCIENTISTS,
- Vice-President (SOUTH ZONE) FOR INDIAN COUNCIL OF CHEMISTS.
- SECTIONAL PRESIDENT FOR ANALYTICAL AND ENVIRONMENTAL CHEMISTRY SECTION OF 24TH ANNUAL CONFERENCE OF THE ICC TO BE HELD AT RANCHI, DURING DEC. 19-21, 2005.

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, 03/2002
Life Time Achievement Award.

IV. Friendship Forum of India, New Delhi, 07/2003
Bharat Excellence Award with Gold Medal.

V. International Penguin Publishing House,
New Delhi 07/2004, **Rising personalities of India
award** with Gold medal.

VI. Friendship Forum of India, New Delhi, 09/2010
**Bharat Shiromani, Bharat Yogyata, Best personalities of
India Awards** with Gold Medals

B) Biography was published in: -

- 1) International Who is Who of 20th century
achievement - ABI
- 2) 6th World Edition of International Book of
Honor - ABI
- 3) 7th Edition of Five Thousand Personalities of the
World - ABI

- 4) Outstanding People of the 20th Century -IBC
- 5) Indo - European Who is Who
- 6) Who is Who in the World 17th Edition 2000
Marqis.
- 7) International Penguin Publishing House, New Delhi.

RESEARCH PROJECTS:

- 1) Quality and assessment of Ground Waters in and around
NUZVID 03/84 - 07/87. U.G.C. Sponsored.
- 2) 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) Activated KAZA's Carbons –Defluoridation of Potable Water, Lambert
Academic Publishers, Germany.Pages.199
Kaza Somasekhara Rao, B.V.Rajeswara Reddy and Ch. Chakrapani
- 16) Activated KAZA's Carbons And Removal of Lead, Manganese From Water,
Lambert Academic Publishers, Germany, Pages.234
Kaza Somasekhara Rao, K.A.Emmanuel, M.Ravi

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) 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.

Ch.V.SURESH, Executive Editor