

## BRIEF-PROFILE



Name : **BASA VENKATA RAO**

Faculty : **CHEMISTRY**

Working as : Lecturer in chemistry (APPSC Topper 2001)  
Govt. College (A), Rajahmundry.

Educational Quali: MSc, Chemistry from Andhra University (batch topper)  
MBA (finance), AP-SET, CSIR-NET,  
DIM, DFM, PGDIM, PGDFM.  
Presently pursuing research for PhD at JNTU Kakinada.

Residential Address: B. Venkata Rao, D.No: 85-12-14/39, Delite Block,  
Brundavanam Apartments, All Bank Colony, J.N. Road,  
RAJAHMUNDRY-533103, E.G.Dist, A.P.

Mobile: 9948195459.

E mail: [venkatbasa@grjy.ac.in](mailto:venkatbasa@grjy.ac.in)

Work Experience: 27 years as chemistry faculty in reputed institutes.  
Sri Chaitanya Educational Institutes, Narayana group,  
Pragati- Kakinada, etc.,

Other responsibilities: NSS programme officer, convenor: IRCS, Nodal Officer  
for COVID-19, etc.,

**CAREER HIGHLIGHTS:** In these 27 years of my teaching career, few  
cherishable moments:

1. One of my chemistry student secured 100/100 marks in 1997 in BSc second year chemistry paper II. It's Andhra University record.
2. One of my student secured AP State 5<sup>th</sup> rank in EAMCET Engineering.

3. Acted as question paper setter for EAMCET-2010.
4. Authored several chemistry books:
  - a) EAMCET Chemistry text book vol-I (Pragati Publications-2001).
  - b) EAMCET Chemistry text book vol-II (Pragati Publications-2002).
5. Also authored text books for BSc Degree and Intermediate course.
  - a) RASAYANA SASTRAM THRUTHIYA BSc Paper IV.  
(SIDVIK PUBLISHERS) in 2012. .
  - b) Chemistry books for degree college students in both media.  
(SIDVIK PUBLISHERS).
  - c) A Concise Text Book of Chemistry for juniors, (English version-2012).
  - d) A Concise Text Book of Chemistry for juniors, (Telugu version-2013).
  - e) A Concise Book of Chemistry for BSc, Semester –I (2015).
  - f) A Concise Book of Chemistry for BSc, Semester – II (2015).
  - g) A Concise Book of Chemistry for BSc, Semester – III (2016).
  - h) A Concise Book of Chemistry for BSc, Semester – IV (2017).
  - i) A Concise Book of Chemistry for BSc, Semester – V, Paper – V (2017).
  - j) A Concise Book of Chemistry for BSc, Semester – V, Paper – VI (2017).
  - k) A Concise Book of Chemistry for BSc, Semester –I,  
Revised edition. (2017).
  - l) A Concise Book of Chemistry for BSc, Semester – VI, Paper – VIII A  
(cluster-Polymer chemistry-2018, in the press)



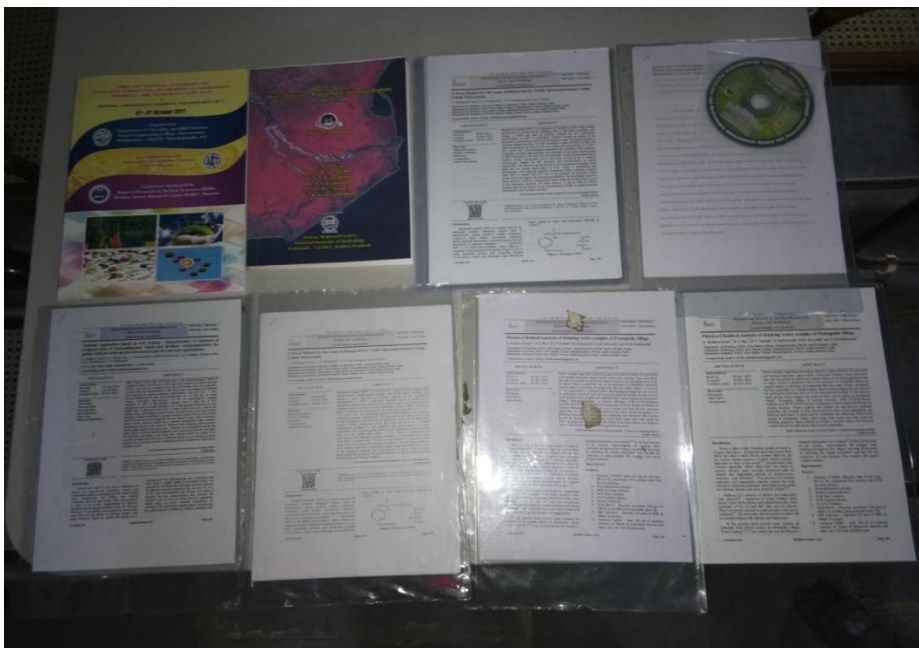
All these text books are very well received by the students and teaching faculty. Encouraged by the overwhelming success, presently involved in preparation of chemistry books for Elective and other Clusters of VI semester of degree classes.

5. Actively participated in Seminars/ Workshops / Symposia, organized at National and International level and delivered lecture/ presented research paper. For example,
  - a) I acted as subject expert in chemistry and delivered power point presentation at ASPIRATION organised by EENADU and VIT at Rajahmundry and explained about career opportunities in chemistry after intermediate.
  - b) Presented research paper on Quality evaluation of ground waters in selected agency habitations for assessment of their potential for utilization at National conference on water resources management in coastal regions, Dec 8-9, 2016.
  - c) Presented research paper on Quantification of Irrigated soils of Tadepalligudem Tehsil and fertilizer recommendation for paddy cultivars with special reference to zinc for end use applications, at National Seminar EPSDIC -2016.
  - d) International Conference-ICETCPEST – 2017. Presented research paper titled, Assay of Metoprolol by Visible Spectrophotometry using Brucine.
  - e) Research paper presented at Three day National Conference on Innovative Perspectives of Chemistry in Environment, Pharmacy and Technology (NCCT-2017), titled A novel method for the assay of metoprolol by visible spectrophotometry using 2,3-dimethoxystrychnine-10-one-periodate.
6. Organised Science Exhibitions, workshops, seminars, etc, for the benefit of school and junior college students.
7. Life member, Association of Chemistry Teachers (ACT-Mumbai).
8. Acted as Convenor for organizing National Level Webinar on Impact of Covid-19 on the mental health of student fraternity on 6-6-2020.
9. Actively involved in the preparation of youtube content in chemistry and financial literacy from BVRSIR CLASSROOM youtube channel. About two

hundred videos were made available for chemistry students so far, with thumping response from the student and faculty.

#### 10. **Research Publications:**

- a) Physico-chemical analysis of drinking water samples of Pentapadu village. *Int. J. Adv. Res. Sci. Technol. Volume 3. Issue 4, 2014, pp. 233-236.*
- b) Soil analysis and Fertilizer recommendation for paddy cultivars for Pentapadu tehsil with special reference to zinc. *Int. J. Adv. Res. Sci. Technol. Volume 4. Issue 6, 2015, pp. 409-413.*
- c) A novel method for the assay of metoprolol by visible spectrophotometry using cobalt thiocyanate. *Int. J. Adv. Res. Sci. Technol. Volume 4. Issue 7, 2015, pp. 456-461.*
- d) Nutrient application based on soil testing – Quantification of nutrients of irrigated soils of Tadepalligudem Tehsil and fertilizer recommendation for paddy cultivars with special reference to zinc for end use applications. *Int. J. Adv. Res. Sci. Technol. Volume 5. Issue 3, 2016, pp. 623-628.*
- f) Quality Evaluation of Ground Waters in selected Agency habitations in East Godavari Region – 2018- Communicated.



Thank you very much.