

## CURRICULUM VITAE

Name : **Gouda.Rajender**  
Date of birth : 15-12-1972  
Educational qualifications : M.Sc., (Zoology) Ph.D.,  
Permanent Address : Assistant Professor  
Department of Zoology  
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Kakatiya University,  
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### **Educational qualifications:**

B.Sc.,	Kakatiya University	B.Z.C	
M.Sc.,	Kakatiya University	Zoology	1998-2000
Ph.D.,	Kakatiya University	Zoology	2001-2006

### **Topic for Ph.D.:**

“Purification and Characterization of the Riboflavin Binding Protein (RFBP) of Peacock (*Pavo cristatus*) Egg yolk and White “

### **Area of Research:**

1. Bio-Chemical Analysis
2. Chromato graphic Analysis (HPLC/ LC-MS/MS)
3. Anti-cancer Activity

## **Experience:**

### **I) Industrial experience:**

- 1) Worked as a scientist in Research & Development(R&D) Division of Relisys Medical Devices Ltd, Hyderabad from 21<sup>st</sup> April 2007 to 30<sup>th</sup> .April 2010.

### **II) Innovative Research Contribution:**

- 1) New methods have been developed for the screening of Anti-cancer drugs, Paclitaxel, Rapamycin and other Drugs, Carbamazepine, Dexamethasone, and Dr.reddy's compounds.
- 2) Developed Calibration curves for various Anti-cancer drugs.
- 3) Elution kinetic studies have been made for Paclitaxel (Anti-cancer agent) Coated Stainless steel 316 LVM stents to be used in Heart Valve/blood vessel disorders.
- 4) Elution kinetics of Rapamycin dip coated stents was analyzed at different time intervals.
- 5) Estimated the concentration of stent coating solution.

### **III) Experience in Handling of high profile Scientific/Research Instruments:**

- 1) Experience in the handling of R&D Analytical instruments like LC-MS/MS (Liquid chromatography mass spectrometry-Waters, USA), HPLC (High performance liquid chromatography-Shimadzu, Japan), Scanning Electronic Microscope (SEM- Joel 1758, Japan).
- 2) Experience in handling of Flow through dissolution apparatus-USP- 4 (Sotax, Switzerland).

### **Sponsored Projects:**

- 1) UGC Sponsored Major Research Project completed, worth Rs: 10,50,800/-

On: **“Screening of Riboflavin Binding Protein (RFBP) from avian Eggs to Screen their Anti-Cancer Activity”**

### **Research on Supervision:**

Guiding three Ph.D. scholars.

## **Conferences / Seminars/ Workshop:**

- 1) As organizing Secretary for “ **Revised Syllabi for UG Teachers**” under Star college Scheme Sponsored by DBT –Govt of India , from 2<sup>th</sup> to 7<sup>th</sup> feb of 2011,held at UASE, Subedari, hanamkonda, T.S.
- 2) Presented paper entitled “LC-MS/MS method for the determination of elution kinetics of drug eluting Nano porous carbon stents”, at international conference on **Global meet of Biologists held** at Osmania University, Hyderabad, from 26<sup>th</sup> to 28<sup>th</sup> December, 2012.
- 3) Attended national seminar on “**Genetically modified crops and food Security**”, During 27<sup>th</sup> to 28<sup>th</sup> feb 2013, At UASC, Warangal.
- 4) Attended national seminar on “Prevalence **and incidence of blood sucking (chaematophagous) vectors and their clinical importance in south India**” held on 26<sup>th</sup> August,2014, Osmania University, Hyderabad.

## **Administrative Responsibilities:**

- 1) Worked as Joint Director for Dr.B.R.Ambedkar Boy’s hostel, Kakatiya University, from 11<sup>th</sup> November 2012 to 14<sup>th</sup> January.
- 2) Worked as Joint Director For common mess , Kakatiya University, from 15<sup>th</sup> January 2013 to 14 January 2015.
- 3) Worked as in-charge, Department of Zoology, University arts & Science college(UASE), Subedari, hanamkonda from 19<sup>th</sup> november2014 to June 27<sup>th</sup> 2016.

## **Papers published in international/National/Referred journals:**

- 1) **G.Rajender**, G. Benarjee, M.S.K. Prasad, B. Laxma Reddy and B. Narayana Rao:  
A docile method of isolation and purification of riboflavin binding protein (Rfbp) from Peahen (*Pavo cristatus*) and domestic fowl (*Gallus gallus*). *Indian Journal of Science &Technology*. Vol.2 (11), 2009. 32-34
- 2) **G.Rajender**, G.Benarjee, M.S.K.Prasad:  
Comparison of riboflavin binding protein (Rfbp) Purified and isolated from egg-yolk, egg-white of Peacock (*Pavo cristatus*). *Biochemistry-An Indian journal*. Vol. (3) 2, 2009. 58-62.
- 3) **G.Rajender**, B.Laxma reddy, G.Benarjee, M.S.K. Prasad, and D.R. Krishna:  
Antiserum raised against Riboflavin Binding Protein Purified from Peacock (*Pavo cristatus*), Hen (*Gallus gallus*) and observed cytotoxic activity on *in-vitro* cell cultures (HeLa cell lines). *Bio-technology - An Indian journal*. Vol.3 (3), 2009. 165-169
- 4) **Rajender.G** and Narayanan N.G.B:  
Liquid chromatography-tandem mass spectrometric assay for Determination of Losartan in human Plasma. *Analytical Chemistry"- An Indian journal*. Vol. 8 (2), 2009.289-293.
- 5) **G.Rajender**, N.G.B.Narayanan:  
Liquid chromatography-tandem mass spectrometry method for determination of Sirolimus coated drug eluting nano porous carbon stents. *Biomedical chromatography-Wiley Interscience*. 24,(3) 2010. 329-334.
- 6) **G.Rajender** and N.G.B. Narayanan:  
Sensitive and validated HPLC method for determination of Paclitaxel in human serum. *Indian Journal of Science &Technology*. Vol.2, 2009. 52-54
- 7) **G.Rajender**, G.Benarjee and M.S.K. Prasad, B.Laxma reddy:  
Immunological characterization of flying and flightless birds based on Riboflavin binding protein (Rfbp) *Bio-technology An Indian journal* .Vol. 3 (4), 2009. 251-256
- 8) **G.Rajender** and Badari narayan:  
LC-MS/MS Method for Determination of Carbamazepine in human serum. *Analytical chemistry-An Indian journal*. Vol. 8 (4) 2009. 1-5
- 9) **G. Rajender** and Badari narayan:  
LC-MS/MS Method for determination of Paclitaxel coated drug eluting stents" *Aisan J. Exp.Biol. Sci* Vol 1 (2), 2010. 244-250
- 10) **G.Rajender**, G. Benarjee, M.S.K.Prasad:

Purification and characterization of riboflavin binding protein in egg- white of Peacock (*Pavo cristatus*), *Current science* Vol.93 (1), 2007. 24-25.

- 11). **G.Rajender** and G.Benarjee:

Purification and immunological characterization of riboflavin binding protein (Rfbp) from different avian eggs. *Int j. of Pharma & Bio Scien* Vol (2) 2010. 1-7

- 12) G.Rajender, N.G.B. Narayana , G. Benarjee and E.Narayana:

A Novel Paclitaxel Coated Drug Eluting 316 Stents. *Int j. of Pharma & Bio Scien* Vol (1) Issue 4 2010.

- 13) B.Laxma reddy, G.Benarjee, **G.Rajender**, V. Bikshapathi, M.Swamy and N.J. Rama rao:

Histopathological and histochemical abnormalities induced by *Euclinostomum heterostomum* in the liver of fresh water fish; *Channapuntatus. j. Aqua. Biol.*Vol.21 (2), 2006. 263-267

- 14) B.Laxma reddy, G. Benarjee and **G.Rajender**:

Biostastical induces on the occurrence of cestode parasite *Lytocestus indicus* infection in the fresh water cat fish *Claris batrachus* at the Warangal region of the Andhra Pradesh. *J. Naton.* 18.(2), 2006. 343-348

- 15) G.Benarjee, B.Laxma reddy, **G.Rajender**, M. Swamy and N.J.Rama rao:

Observations on the functional significance of histological and histochemical compounds in the esophagus of a fresh water fish, *Claris batrachus*.*Ecol.Env & Cons* Vol.13 (5) 2007. 481-486

- 16) G.Benarjee, K.Aziz Ahmed, **G.Rajender**, B.Laxma reddy, M.Swamy and N.J.Rama rao:

Aqua topography and fish production dynamics of fresh water bodies in semi arid tropic zone. *Agric.Biol.Res.*Vol, 23, (2)2007. 111-119

- 17). G.Benarjee, K.Aziz Ahmed, B.Laxma reddy, **G.Rajender** and M.Swamy:

Economic upliftment of fisher women –A potential input to enrich the fresh water fisheries. *Aquacult.*Vol. 7 (2), 2006. 293-298

- 18) **G.Rajender** and N.G.B. Nrayana :

Liquid Chromatography –Tandem Mass Spectrometry Method for Determination of Paclitaxel in Human Plasma. *Pharma Anal Acta* Vol(1) issue 1.

- 19). P.koteshwer Rao **and G.Rajender** :

Screening of riboflavin binding protein (RFBP) from avian eggs to screen their anti- cancer activity. *Indo-Amer J of phar Res* 7 (1) 2017.