

CURRICULUM VITAE

Name : **Dr. YANAMALA VENKAIAH**

Address for Correspondence : Dr. Y. Venkaiah,
Assistant Professor of Zoology
Department of Zoology, Kakatiya University
Warangal-506 009, Telangana State, India

Permanent Address : # 35-6-499, Behind Tulasi bar,
Viveknagar colony, 100' Road
Gopalapurami, Hanamkonda
Warangal-506 009, Telangana State, India.

Nationality : Indian

Mobile : +91 9849848705

Email : venkaiahyanamala07@gmail.com
venkaiah_yanamala@rediffmail.com

Educational Qualifications:

SSC (1986) : ZPSS Penubally, Khammam.

Intermediate (1988) : SBS Govt Junior College, Sathupally, Kmm

B.Sc-BZC (1992) : JVR Govt Degree College, Sathupally, Kmm

M.Sc-Zoology (1995) : Kakatiya University, Warangal.

Ph.D in Zoology (1999) : Kakatiya University, Warangal.

Period of teaching experience in years:

P.G. Classes : 06 years M.Sc Zoology

U.G. Classes : 16 Years –B.Sc, BZC (Degree)

Research Experience in years : 21 years

Research Interest:

- Epidermal Secretions in Cat Fishes and Toads
- Biochemical Composition of Epidermal Secretions and poison glands of cat fishes and Toads
- Quantitative & Qualitative analysis of various biochemical components of lower and higher vertebrates
- Molecular Characterization of skin gland secretions of two cat fishes and toads
- Pharmacological effects of skin secretions and poisonous extracts of cat fishes and toads

Fields of Specialization under the Subject/Discipline:

- Animal Physiology, Enzymology & Toxicology
- Physiological Chemistry & Pharmacology

Publications:

Papers Published : 40
Books : 04 (for B.Sc. Students)

Ph.D/M.Phil Guidance:

Post Doctoral Fellow (PDF) : 01 (Under Supervision).
Ph. D : 05 (Under Supervision)
Ph. D : 01 (Awarded)
M. Phil : 01 (Under Supervision, SDLCE)

Projects Completed:

- UGC Minor Research Project (2008-2011)
- UGC Major Research Project (2011-14)

Honors/Awards:

- Distinguished Scientist Award-2016 (ARM-2016), Chennai, India.
- Dr.APJ Abdul Kalam award for Teaching Excellence - 2015 awarded by Marina Labs, Chennai, Tamilnadu, India.
- Dr.BR Ambedker Dalith Sahitya Academy National fellowship for 2015 by Bharath Dalith Sahitya Academy, New Delhi, india.
- Selected for UGC research award-2012 awarded by University Grants Commission (UGC), New Delhi, India 2011-2012.
- Bharath Siksha ratan Award-2012 awarded by Global Society Health and Education (GSHE) New Delhi, India 2011-2012.

Workshops/Seminars Attended:

International : 15

National : 35

Membership for Professional Scientific bodies:

- One of the Author and Editorial board member for writing the B.Sc. Zoology text books for Undergraduate Students, Telugu Academy, Hyderabad, Telangana State.
- Editorial Board Member of Reviews and Research Journal of Zoological Sciences
- Editorial Board Member of Indian Journal of Biology (IJB)
- Life Member of Indian Society for Comparative Animal Physiology (ISCAP)
- Annual member of Indian science congress Kolkata (ISC)
- Life Member of Indian Association of Aquatic Biologists (IAAB)
- Member Andhra Pradesh Academy of Sciences, AP, India.
- Member Red Cross Society of India, AP and Telangana India.
- Member Board of Studies for M.Sc Zoology P.G courses
- Course Writers for KU-SDLCE-Preparation of Course Material for M.Sc Zoology
- DoA-KUCET-2011-Advisory committee Member
- Member Re-constitution of Anti ragging monitoring committee

Administrative Positions:

- Presently working as Joint Director of Admissions, Directorate of Admissions, Kakatiya University Warangal, Telangana State, India.
- Presently working as Regional Local Co-Ordinator for ANU Distance Education Exams, Guntur, A.P., India.
- Worked as AKUT(Association of Kakatiya University Teachers) Joint Secretary(2012-14)
- Worked as SC/ST cell Director, Kakatiya University, Warangal during the period of 2009-2012.
- In charge Head Department of Zoology University Arts & Science College, Subedari, Hanamkonda, Warangal (2009-11).

Co-Curricular Activities:

- President of 120th Birth Day Celebrations of Dr. B.R. Ambedkar Organized by SC/ST Cell, Kakatiya University, Warangal. Dated on 14/04/2010
- President of 104th Birth Day Celebrations of Dr.Babu Jagajeevan Ram former Deputy Prime Minister of India, Organized by SC/ST Cell, Kakatiya University Warangal. Dated on 05/04/2011

Member of Various Committees:

- Convener & Member Constitution of a committee for erecting of Dr.B.R.Ambedkar and Sri Babu Jagajeevan Ram Statues, K.U
- Member for Affiliated colleges-Nomination of University Representative
- Member-Roster point committee, K.U
- Member:-DoA-KUCET-2009-Appointment admissions committee
- Reconstitution of the standing committee Member
- Member Constitution of monitoring cell for scholarships and tuition fees reimbursement, K.U
- Member, Committees-Representation of the KU SC & ST Employees Association
- Member-Meeting of the scrutiny Committee, K.U
- Observer for SC/STs selection committee for Ph. D admissions, K.U
- SC/ST Representative of contract & Part time teaching assignment in various departments of K.U

Member of Academic Bodies:

- Convener of Departmental Committee of Zoology, Kakatiya University Warangal.
- Member of Departmental Committee of Zoology, Kakatiya University Warangal.
- Member of Reconstitution of Board of Studies in Zoology (UG&PG Courses)
- Member of the Examination Board, Department of Zoology, Gulbarga University, Karnataka.
- Representative of the University on the Governing body of Srivani Degree College, Penubally(V.M.Banjar), Khammam.
- Representative of the University on the Governing body of Mother Theresa College of education, Sathupally, Khammam.
- Representative of the University on the Governing body of Vaishnavi Women's Degree College, Uthkoor (V), Luxettipet (M).
- Representative of the University on the Governing body of Sharvani Degree College, Kishanpura, Hanamkonda, Warangal.
- Member-Roster point committee.

Published Research Articles:

- Raju Neerati and **Venkaiah Yanamala (2016)**. Effect of Physostigmine (Carbamate) On Electrophoretic Patterns of Esterase Activity of Parotoid Gland Secretion And its Extract of Common Indian Toad *Bufo melanostictus* (Schneider), International Journal of Current Research 8(4) 2016: 29183-29187.
- Raju Neerati, Thirupathi Koila, Samatha Talari, **Venkaiah Yanamala (2015)** Comparative Study of Electrophoretic Patterns of Proteins in the Parotoid Gland Secretion and its Extract of *Bufo melanostictus* (Schneider) through SDS-PAGE and Urea SDS-PAGE, Indian Journal of Biology 2(2) 2015:161-166.
- Talari Samatha, Neerati Raju, **Yanamala Venkaiah** and Nanna Rama Swamy (2015) Comparative Study of Seed Protein Patterns of *Oroxylum indicum* (L.) Kurz. through SDS-PAGE, *Research Journal of Biotechnology*, 10: (8) 2015,48-50.(SCI).
- G.Jayaprakash, N.Raju, T.Bheem Rao And **Y.Venkaiah (2015)** Effect Of Malathion (An Organo Phosphate) on Biochemical Constituents of Freshwater Cat Fish *Heteropneustes*

fossilis(Bloch), International Journal of Biology, Pharmacy and Allied Sciences (IJPBAS) 4(2), 2015: 668-677.

- Raju Neerati, Ankaiah Meesala, Samatha Talari, Prasad Neerati and **Venkaiah Yanamala (2014)** Effect of Physostigmine on Cardiotoxic activity of Parotoid Gland Secretion of *Bufo melanostictus* (Schneider) on isolated Heart of Frog, *World Journal of Pharmaceutical Research*, 3(8) 2014:657-668.
- Raju Neerati, Ankaiah Meesala, Samatha Talari , Prasad Neerati and **Venkaiah Yanamala (2014)** Cardiotoxic activity of Parotoid gland secretion of common Indian Toad *Bufo melanostictus* on isolated heart of Frog *IOSR Journal Of Pharmacy* 4(5) 2014:61-67.
- **Venkaiah Y**, Samatha T, Raju N, Ankaiah M , Rama Swamy N (2014) *In Vitro* Screening Of Antioxidant Efficiency In Different Parts Of *Oroxylum Indicum* International Journal of Advances in Pharmaceutical Sciences 5(4) 2014: 2210-2213.
- Raju Neerati, Samatha Talari and **Venkaiah Yanamala (2014)** Effect of Physostigmine (an Organo Phosphate) on Biochemical variations of parotoid gland secretion and its extract of *Bufo melanostictus* (Schneider) Journal of Pharmaceutical and Biological Research, Vol.2(2) 2014: 115-120.
- Raju N and **Venkaiah Y (2014)** Effect Of Paraoxon (An Organophosphate) On Biochemical Composition Of Parotoid Gland Secretion And Its Extract Of *Bufo melanostictus* (Schneider) *International Journal of Pharmaceutical Research development*,5(12) 2014 :108-114.
- T. Samatha, A. Sampath, N. Raju,N.Rama Swamy, K. Sujatha and **Y. Venkaiah (2013)** Effect of bark extract of *Oroxylum indicum* on electrophoretic patterns of esterase activity of silk worm *Bombyx mori*(L.) *International Journal of Advanced Life Sciences*, 6(5) 2013:452-458.
- Raju N, Sampath A, Sujatha K, **Venkaiah Y(2013)** Electrophoretic Patterns of Esterases in *Bombyx mori*. L. *Indo American Journal of Pharmaceutical Research*, 3(8) 2013: 6336-6340.
- Raju N and **Venkaiah Y (2013)** Electrophoretic patterns of proteins in the secretion of Parotoid gland and its extract in *Bufo melanostictus* (Schneider), *International Journal of Advanced Research*, 1(6) 2013 :169-172

- N. Raju, D.Prasanna, G. Bhargavi, **Y. Venkaiah (2013)** Comparative Study of Protein Patterns in Eri silkworm *Samia Cynthia ricini* through SDS-PAGE, *International Journal of Biological & Pharmaceutical Research* 4(11) 2013: 788-792.
- Raju.N, Prasanna.D, Bhargavi.G.Y and **Venkaiah.Y (2013)** Electrophoretic Patterns of Esterases in Eri silkworm *Samia Cynthiaricini*, *IOSR Journal of Pharmacy and Biological Sciences*,7(2) 2013 : 31-35.
- N. Raju and **Y.Venkaiah (2013)** Identification and characterization of lipids by TLC in parotoid gland secretion and its extract of *Bufo melanostictus* (Schneider) *International Journal of Pharmaceutical Sciences Review and Research*,20,2013 : 117-121.
- Raju N and **Venkaiah Yanamala (2013)** Protein Patterns Of Parotoid Gland Extract And Its Secretion Of *Bufo Melanostictus* (Schneider) Through Urea-SDS-Page, *International Journal of Pharmacy and Pharmaceutical Sciences*, 5(4) 2013 :734-736.
- Raju, N and **Venkaiah, Y (2013)** Electrophoretic Patterns of Esterases of Parotoid Gland of Common Indian Toad *Bufo melanostictus* (Schneider) *Journal of Cell and Tissue Research*, 13(1) 2013: 3491-3493.
- T. Samatha, P Srinivas, R.Shyamsundarachary, N. Raju, **Y.Venkaiah** and N. Rama Swamy (2012) Quantification of Total Phenolic and Total Flavonoid Contents in Extracts of *Oroxylum indicum* L.Kurz. *Asian J Pharm Clin Res*, 5(3) 2012:1-3.
- **Y. Venkaiah**, E.Narayana, N.Prasad, (2010) Electrophoretic patterns of comparison of protein patterns of two cat fishes and a toad. *Journal of Aquatic Biology* 25(10)89-92.
- Prasad.N, A.Ramanrsimhareddy, A.Venkatesham, S.Pranavi, **Y. Venkaiah**, Dr Krishna and MC.Prabhakar(2008) Effect of Animal Bile on the Actions of Acetylcholine using Isolated Frog's Rectus Abdominus Muscle, *Indian Journal of Comparative Animal Physiology* 26(1):P23-30.
- Rajaiah.V and **Venkaiah. Y (2007)** Effect of Parathion on Esterase patterns of *Channa punctatus*, *Journal of Aquatic Biology* (2007) 22(1), 181-185.
- M. Nagulu, N. Prasad, Y. Narsimha Reddy, **Y. Venkaiah**, V. Uday Kiran, Dr. Krishna and MC. Prabhakar (2006) Frog Rectum as New Experimental Model in Pharmacology. *Indian Journal of Comparative Animal Physiology*, 25(2), 66-69.
- PM. Manjunath, **Y. Venkaiah**, N. Prasad, Dr. Krishna, MC. Prabhakar and V. Laxmipathi (2006) Pharmacological effects of organic solvents (methanol and

acetone)extracts of parotoid exudates of common Indian toad(*Bufo melanostictus*) on isolated heart of frog. Indian Journal of Comparative Animal Physiology (2006), Vol.24, p.67-73.

- **Y. Venkaiah**, M.C.Prabakar and V.Lakshmipathi (2006) Studies on Poisonous glands of two fresh water cat fishes and a toad. National Seminar on Frontiers in Zoology and National Symposium on Ocean as sources of Nutrients and drugs for 21st century, February 24-26, 2006, Goa University, Goa.
- **Y. Venkaiah**, V.Lakshmipathi (2006) Esterases, Insecticides and Detoxification. National Seminar on Recent Advances in Biotechnology and Bioinformatics 24th July 2006, Mahatma Gandhi National Institute of Research and Social Actio (MGNIRSA), Hyderabad.
- **Y. Venkaiah**, M.C.Prabakar and V.Lakshmipathi (2002) Effect of the extracts of epidermal secretions and poison glands of two fresh water cat fishes(*Heteropneustes fossilis* and *Clarias batrachus*) on the heart of *Rana tigrina*.Uttar Pradesh J.Zool.22(2):149-155.
- **Y. Venkaiah**, V.Laxmipathi (2006) Electrophoretic studies of esterase pattern of two cat fishes and toad. Journal of Aquatic Biology.21:1-5.
- **Y. Venkaiah**, V.Laxmipathi (2000) Biochemical composition of epidermal secretions and poison glands of two fresh water cat fishes. Asian fisheries *Science* (Philippines), 13:183-189.
- **Y. Venkaiah**, V. Laxmipathi (1998) on the electrophoretic pattern of Esterases in the venomous secretion of parotoid gland and its extracts in *Bufo melanostictus* (*Schneider*) Uttar Pradesh J.Zool.18 (3):171-173
- **Y. Venkaiah**, .M Nagesh, M.C.Prabakar and V. Lakshmipathi (1997) Effect of the venomous secretions and the extract of the common Indian Toad *Bufo melanostictus* (*Schneider*) on the heart of frog. Indian Journal of Comparative Animal Physiology, 15:19-22.