


DR. CHANDAVAR. VIDYA. R	
Designation: Associate Professor	
Email Id: vidyachandavar@yahoo.co.uk	
Phone: 9448739030	
Profile	

Name and address	DR. CHANDAVAR. VIDYA. R Associate Professor, Department of Zoology/Biotechnology, Yuvaraja's College (A Constituent & Autonomous College of University of Mysore) Mysore-570005. Ph No:0091-821-2422292
------------------	--

Academic qualifications:

Examination Passed	Examining Body/University	Subjects/Specialisation	Year of Passing
Ph.D.,	University of Mysore	"Comparative Histophysiology of Endocrine Pancreas in selected species of Reptiles"	2002
M.Sc., 2 nd Rank	Department of Zoology Bangalore University	Zoology	1985
B.Sc.,	University of Mysore (DVS College of Arts & Science. Shivamogga)	Fishery Biology as specialisation Chemistry; Botany; Zoology	1983

Teaching experience:

S.No	Designation	Name of the Institute	From	To
1	Associate Professor	Department of Biotechnology/Zoology, Yuvaraja's College, UOM	23/01/2017	Till date
2	Associate Professor	Department of Studies in Zoology (PG), Manasagangotri. University of Mysore. Mysore	09/11/2015	23/01/2017
3	HOD	Department of Biotechnology, Yuvaraja's College, UOM	16/01/2014	08/11/2015
4	Associate Professor	Department of Zoology Yuvaraja's College, UOM	2010	2014

5	HOD	Department of Zoology Yuvaraja's College, UOM	Oct, 2008	Sept, 2010
6	Professor (SGL)	Department of Zoology Yuvaraja's College, UOM	26/04/2007	2008
7	Reader (SSL)	Department of Zoology Yuvaraja's College, UOM	2001	2007
8	Lecturer FIP -UGC	Department of Studies in Zoology. Manasagangotri. University of Mysore	1997	2001
9	Lecturer	Department of Zoology Yuvaraja's College, University of Mysore.	1996	1997

Completed research project:

Funding Agency	Reference No	Title of the Project	Amount in ₹
UGC Minor Research Project	MRP(S)-295/2005(X Plan)/KAMY002/UGC-SWRO. Dated: 3 rd March, 2005-2007.	"Immunocytochemical studies of the endocrine pancreas in selected species of reptiles"	1.0 L
UGC Major Research Project	F No. 38-269/2009 dated 24 Dec, 2009.	" <i>In situ</i> hybridization of insulin and glucagon genes in two species of turtles- <i>Melanochelys trijuga</i> and <i>Lissemys punctata</i> "	8.64 L
DST -SERB Major Research Project	SB/SO/AS-107/2012	"Comparative study of oxidative stress markers and antioxidants in plasma samples of two species of fresh water turtles"	44.42 L
DST -EMEQ Major Research Project	SB/EMEQ-124/2013	"Isolation and Characterization of Insulin and Glucagon genes in two species of turtles <i>Melanochelys trijuga</i> and <i>Lissemys punctata</i> "	38.25L

Research Publications

S.No.	Author(s)	Title	Name of Journal	Volu	Page	Year
1.	Lalitha R and Vidya R Chandavar.	Analysis of nucleotide diversity in Cyt b and control region sequences of <i>Melanochelys trijuga</i> (Schweigger, 1812) from Karnataka.	Journal of Asia-Pacific Biodiversity. Elsevier publication IF: 0.799	11:	346-352	2018
2.	Lalitha R and Vidya R Chandavar	Intra specific variations in cytochrome b and D-loop sequence of Testudine species <i>Lissemys punctata</i> from south Karnataka.	Journal of Advanced Research. Elsevier publication IF: 4.32 Listed in	9:	87-95.	2018

- | | | | | | | |
|-----|---|---|---|---|--------------------------------|-------|
| 3. | Lalitha R and
Vidya R
Chandavar. | Species identification inferred through mitochondrial 16s rRNA gene sequence between freshwater testudines – <i>Lissemys punctata</i> and <i>Melanochelys trijuga</i> . | Thomson Reuters International Journal of Advanced Research. | 5(7): | 2231-2239. | 2017 |
| 4. | Vidya R
Chandavar,
Raghu N,
Prakash R
Naik. | Biochemical Analysis of Plasma samples in soft shelled turtle <i>Lissemys punctata</i> (Family: Trionychidae). | Indian Journal of Science. | 24(92): | 231-241. | 2017 |
| 5. | Vidya. R.
Chandavar
and Prakash.
R. Naik. | Immunolocalization of glucagon and insulin cells in endocrine pancreas and cyclic disparity of plasma glucose in the lizard <i>Psammophilus dorsalis</i> . | Proceedings of the Zoological Society (Springer). | DOI
10.1007/s1257-95-013-0073-4.
2010
2.7. | ISSN
No.
0972 -
6683. | 2013 |
| 6. | Vidya. R.
Chandavar,
Raghu. N,
Lalitha. R and
Prakash R.
Naik. | Cyclic variation in plasma biochemical indices in South Asian pond turtle <i>Melanochelys trijuga</i> . | International Journal of Biology, Pharmacy and Allied Sciences.
ISSN:2277-4998 | 2(3): | 639-653. | 2013b |
| 7. | Vidya. R.
Chandavar,
Raghu. N,
Lalitha. R and
Prakash R.
Naik. | Biochemical indices to monitor health status with respect to reproductive cycle of <i>Melanochelys trijuga</i> . | Journal of Applied and Natural Science. | 5 (1): | 118-124. | 2013a |
| 8. | Selvaraj. S,
Prakash R.
Naik and
Vidya. R.
Chandavar. | Therapeutic Efficacy of Acidic and Neutral Fractions of <i>Tinospora cordifolia</i> Stem on Diabetes Induced Animal Model. | Drug Invention Today. Elsevier | 4 (12): | 624-628. | 2012 |
| 9. | Vidya. R.
Chandavar and
Prakash. R.
Naik. | The Endocrine Pancreas of the Lizard <i>Calotes versicolor</i> : An Immunocytochemical and Physiological Study with Respect to its Reproductive Cycle. | Journal of Cytology & Histology
ISSN: 2157-7099

IF: 0.01 | 3(3): | 143 | 2012 |
| 10. | Vidya. R.
Chandavar and | Variation in thyroid activity with respect to | International Journal of | 2 (3): | 126-134. | 2012 |

- Prakash. R. Naik. annual seasonal cycle of reproduction in turtle *Melanochelys trijuga*. Life Science & Pharma Research
11. Selvaraj. S, **Vidya. R. Chandavar,** Prakash R. Naik and Fahmi S. Moqbel. Fractions of *Tinospora cordifolia* stem extract demonstrate insulin secreting activity in diabetes induced wistar rats. Journal of Pharmacy Research 5(3): 1424-1427 2012
12. **Vidya. R. Chandavar** and Prakash. R. Naik. Localization of glucagon and insulin cells and its variation with respect to physiological events in *Eutropis carinata*. Acta Herpetologica 6(1): 47-57. 2011
13. **Vidya. R. Chandavar** and Prakash. R. Naik. Immunocytochemical Localization of Glucagon and Insulin in *Eutropis carinata* with respect to reproductive cycle. Asian Herpetological Research 2(2). 103-109. 2011
14. **Vidya. R. Chandavar** and Prakash. R. Naik. Seasonal variation in thyroid activity of turtle *Lissemys punctata* with respect to annual cycle of reproduction. Journal of Applied and Natural Science 2 (2): 194-199. 2010
15. **Vidya. R. Chandavar,** Prakash. R. Naik and Vimala H. Relationship between plasma glucose, islet cells, liver glycogen and abdominal fat in hibernating turtle *Lissemys punctata*. The Bioscan 4 (3): 405-408. 2009
16. Vimala. H., Prakash. R. Naik and **Vidya. R. Chandavar.** Effect of *Brassica oleracea var. gongylodes* on body weight and biochemical parameters in experimentally-induced diabetes in Wistar rat. Biomedicine. 28 (3): 184-189. 2008
17. Vimala. H., Prakash. R. Naik and **Vidya. R. Chandavar.** Insulin secreting activity of *Hibiscus rosa sinensis* Linn leaf extract in diabetes induced Wistar rat. The Bioscan. 3(3): 293-297. 2008
18. **Vidya. R. Chandavar** and Prakash. R. Naik. Immunocytochemical localization of Pancreatic Endocrine cell and Reproductive cycle in the *Journal of Biosciences* 33(2): 239-247. 2008

19. **Vidya. R. Chandavar and Prakash R Naik.** turtle, *Melanochelys trijuga*. Variation in plasma glucose and pancreatic β cell in the turtle *Lissemys punctata* (order: Chelonia; Family: Trionychidae). Acta Zoologica (Stockholm) 85: 113-118. 2004

Citation in Book

In 2010, One of my publications “Vidya. R. Chandavar and Prakash. R. Naik (2008)- Immunocytochemical detection of glucagon and insulin cells in endocrine pancreas and cyclic disparity of plasma glucose in the turtle *Melanochelys trijuga*. *J Biosci.* 32(2): 239-242, is cited in the book entitled ‘The Islets of Langerhans’ edited by Md. Shahidul Islam (Advances in Experimental Medicine and Biology series Volume 654.) Chapter 2. Comparative Anatomy of Islets- R. S Heller Page 21.-Published by Springer Science+ Business Media

Gene deposition at NCBI

NCBI GenBank sequence accession numbers of mtDNA of *Melanochelys trijuga* and *Lissemys punctata*, 2017-18 under the project SB/EMEQ-124/2013

mtDNA regions	<i>M. trijuga</i>	<i>L. punctata</i>
16S rRNA	MF446954 to MF446959 (6 sequences)	MF446947 to MF446953 (7 sequences)
<i>Cyt b</i>	MG640589 to MG640594 (6 sequences)	KY946735 to KY946741 (7 sequences)
Control region	MG640595 to MG640600 (6 sequences)	KY946743 to KY946750 (8 sequences)

Research scholars

Raghu. N	EX.9.2/ph.D/RN/2745/2011-12	Ph. D. Awarded in Mol. Biology Working as Assistant Professor at JSS Medical Institute
Lalitha. R	DOR 9.9/ Ph.D/LR/346 /2012-13	Thesis Submitted

Papers presented in Conference/ Symposia:

Conference/ Symposium	Venue	Title of the Paper	Date
National Conference on Ecosystem Conservation & Sustainable Development (ECOSAD-2018)	AET Institutions. Bengaluru.	“Comparative study of oxidative stress markers and antioxidants in two species of aquatic turtles”- Vidya. R. Chandavar and Prakash. R. Naik	27 th to 29 th Nov, 2018
National Conference on Recent Advances in	Department of Applied	“Biochemical parameters of Serum soluble substances in Indian soft	13-15 Feb,

Animal Sciences	Zoology, Mangalore University	shelled turtle <i>Lissemys punctata</i> "- Raghu. N, Vidya. R. Chandavar, Leo Anthony. T, Lalitha. R and Prakash. R. Naik Attended	2015
2 day UGC Sponsored National Seminar on Educational Vision & Mission of Swami Vivekananda "International Conference on Electron Microscopy & XXXV Annual meeting of Electron microscope society of India"	Centenary Hall. UOM. Mysore		18 th & 19 th Aug, 2014
National Symposium on Innovations in Science and Technology for inclusive development	University of Delhi, New Delhi. India.	Poster presentation entitled "Electron Microscopic study of Insulin and Glucagon Cells in Selected Species of Reptiles" <i>Vidya. R. Chandavar*</i> and <i>Prakash. R. Naik¹</i>	9- 11 July, 2014
National Symposium on Innovations in Science and Technology for inclusive development	Department of Zoology, University of Mysore. Mysore	Attended	3 rd & 4 th Jan, 2014
International Symposium on Environmental Pollution Ecology and Human Health (ISEPEHH-2009)	Sri Venkateswar a University Tirupati	"Seasonal variation in thyroid in free living turtle <i>Lissemys punctata</i> with respect to environmental temperature and reproductive activity"	25-27 th July, 2009
International Conference in Zoology INCOZ-2006	UGC Academic staff College & Department of Zoology, Bangalore University Bangalore	"Immunocytochemical detection of α and β cells in Endocrine Pancreas in turtle- <i>Melanochelys trijuga</i> "	Nov, 19-22, 2006
21 st Conference of European comparative Endocrinologists.	University of Bonn. Germany.	"Light and Electron microscopy of Endocrine Pancreas in the Turtle, <i>Melanochelys trijuga</i> (Order: Chelonia; Family Bataguridae)"	26 th -30 th Aug, 2002
3 rd International/ 15 th National Symposium on Recent Trends in Life sciences.	Department of Zoology, Bangalore University Bangalore.	"Histological study on the endocrine pancreas of <i>Lissemys punctata</i> (Chelonia: Trionychidae)"	11 th -13 th Feb, 1999

Books/Reports/Chapters/General articles etc.

S.No	Title	Author's name	Publisher	Year of Publication
------	-------	------------------	-----------	------------------------

- | | | | |
|---|---|--|----------|
| 1. Article: Environment and Endocrine system | Vidya. R. Chandavar | University of Mysore | In press |
| 2. Course work notes for Previous Course of M. Sc., Zoology | Vidya. R. Chandavar | Kuvempu University. Shankaraghatta. Karnataka. | 2013 |
| 3. Paper Citation in "The Islets of Langerhans" | Vidya. R. Chandavar and Prakash. R. Naik | Springer Science+ Business Media (www.springer.com) | 2010 |
| 4. Articles in "Kannada Encyclopedia"
<ul style="list-style-type: none"> • Insulin. pp146-147 • Polar bear. pp743-744 • Panda. pp 824 | Vidya. R. Chandavar | University of Mysore, Mysore. | 2006 |
| 5. Article "Diabetes" | Vidya. R. Chandavar | Platinum Jubilee edition magazine. Yuvaraja's College | 2003 |

Professional Recognition/ Award:.

Name of Award	Awarding Agency	Year
FIP	UGC	1997
Dr. Abdul Kalam Life Time Achievement National Award	Krist Foundation ® Bangalore	05/11/2017

Membership in professional bodies:

- 1) Indian Society of Life Sciences
- 2) The Bioscan
- 3) The Indian Science Congress Association- Life Member (Membership No. L24109)
- 4) Electron Microscopy Society of India (EMSI)-Life Member

Positions held:

Position		Period
Chairperson	Board of Examiners	2018-19
As HOD of Department of Zoology	Presented Department profile to NAAC committee	2009-10
Member	Academic Council, Yuvaraja's College	2014-15 & 2015-16
Member	Planning committee of Yuvaraja's College	2015-16
Chairperson	BOS in Biotechnology	2014-15 & 2015-16
External Member	Interview Committee to select Ph. D	1 st & 2 nd Dec, 2014

	applicants under AcSIR (Academy of Science & Innovative Research) at CFTRI	
Chairperson	BOE in Biotechnology	Oct-Nov 2014; April-May 2015 & Oct-Nov 2015
Member	12 th Academic Council	-2014 (May 19 th 2014)
Chairperson HOD	Board of Studies in Biotechnology Department of Biotechnology	2013-14 16/12/2014 to 08/11/2016
Member	BOE External to other Universities-MLA College, Bangalore University	2013-14
Chairperson	Board of Studies in Zoology	2010-11 & 2011-12
Member	Board of Appointment of Examiners	2008-09 & 2009-10
Member	College Council, Yuvaraja's College	2008-09; 2009-10 & 2010-11
Member	Academic Council. Yuvaraja's College	2008-09; 2009-10 & 2010-11
HOD	Department of Zoology	2008-2010
Chairperson	Board of Examiners	March-April 2008
Chairperson	Board of Examiners	Oct-Nove 2007
Member	Board of Studies	Six times
Member	Board of Examiners	Eight times

Creative activity (other than teaching): Interested in Still life, Portraits and Landscapes
Paintings in oil and acrylic medium.

Exhibitions held:

	Venue	Date	Title of Exhibition
1	Lalita Kala Academy. Bangalore.	11 th to 14 th April, 2012	"Colors" Solo Painting exhibition
2	Alliance Francaise Bangalore, Thimmaiah Road, Off Cunningham Road, Vasanth Nagar, Bangalore, Karnataka, India.	Sunday, Jan 22 nd 2012 at 11:00 am	Mega Art Exhibition "Silhouette"
3	Suchitra art gallery of Kalamandir. Mysore.	29 th to 31 st Oct, 2011	"Colors" Solo Painting exhibition
4	Mysore.	October 2012	Dasara Art Exhibition