

## FACULTY PROFILE

Dr. NIJAGAL, B. S.  
M.Sc., Ph.D.,  
Assistant Professor

Postgraduate Department of Zoology  
JSS College of Arts, Commerce and Science  
Ootv Road. Mysuru – 570 025. Karnataka



### **Educational Qualification:**

PROGRAMME	SPECIALIZATION	INSTITUTION / UNIVERSITY
NET	Life Sciences	UGC- CSIR
K-SET	Life Sciences	University of Mysore
Ph.D.,	Applied Zoology	Kuvempu University
M.Sc.,	Zoology	University of Mysore

### **Articles in journals:**

Sl. No	Title	Name of Journal	Volume No / Issue No / Page No
01	Corticosterone interferes with seasonal recrudescence of germinal bed activity in lizard, <i>Mabuya carinata</i>	<i>Ind. J. Exp. Biol.</i>	1999; 37 (1):300-301
02	“Influence of corticosterone on FSH-induced ovarian recrudescence in the lizard, <i>Mabuya carinata</i> ”	<i>Gen. Comp. Endocrinol.</i>	1999;115(3):364-9 <i>Elsevier.</i>
03	Corticosterone inhibits normal and FSH-induced testicular recrudescence in the lizard, <i>Mabuya carinata</i>	<i>Gen. Comp. Endocrinol.</i>	2000; 120(3):283-88 <i>Elsevier.</i>
04	Study on diversity of Spider fauna in Jnanasahyadri campus, Shimoga, Karnataka	<i>Bull. Pur. Appl. Sci.</i>	2015; 34A(1-2):1-9
05	Effect of food additives on the protein content and midgut enzyme activities in the 5th instar larvae of <i>Bombyx mori</i> (L)	<i>Int. J. Rec. Sci. Res.</i>	2017; 8(10):21074-21078
06	Study on prevalence of throat cancer and its association with various risk factors	<i>Int. J. Zoo. Studies</i>	2017; 2(6):106-109

### Experience of Teaching:

Nature of appointment	Institution or College	Period service	Total experience
Guest Lecturer	Dept. of PG Studies & Research in Applied Zoology, Kuvempu University.	2003 to 2017	Fourteen years
Assistant Professor	PG Department of Zoology, J.S.S. College of Commerce, Arts and Science, Ooty Road, Mysuru	From 2017	Presently working

### Seminars / Conferences / Symposium / Workshops:

Sl. No	Name of the Conference / Seminar / Symposium / Workshop	Type of Program	Title of the Article	Role	Venue / Place	Date
01	Biotechnology: Prospects and concerns.	Symposium	-	Participant	KMC Life science centre, MAHE, Manipal	3/12/2004
02	Biotechnology-current trends and future scenario	Symposium	-	Participant	P.G. Studies and research in Biotechnology & Bioinformatics , Kuvempu University.	10 <sup>th</sup> and 11 <sup>th</sup> March, 2008.
03	24 <sup>th</sup> National conference of ISCAP on "Biotechnological strategies for Biodiversity conservation"	National Conference	Effect of HCG and corticosterone on ovarian follicular development in <i>Rana limnocharis</i>	oral	Department P.G. Studies and research in Applied Zoology and Microbiology , Kuvempu University.	13 <sup>th</sup> to 15 <sup>th</sup> March, 2008
04	UGC sponsored National level seminar on "Darwin-200, Origin of life-150: Darwinism in modern perspective"	Seminar	-	Participant	DVS College of Arts and Science, Shivamogga,	13 <sup>th</sup> March 2009

05	“Recent advances and challenges in Biochemistry and Biotechnology-2009”	Seminar	-	Participant	Department of P.G. Studies and research in Biochemistry , Kuvempu University	1 <sup>st</sup> and 2 <sup>nd</sup> April, 2009
06	UGC sponsored two days national seminar on “Conservation of faunal diversity of western Ghats: Problems and perspectives”	Seminar	-	Participant	JCBM College, Sringeri.	30-31 August, 2012.
07	“New frontiers in animal sciences” (Sponsored by P.G. Studies and research in Applied Zoology, Kuvempu University, UGC-CSIR, BARC, DBT, DST & ICMR)	National conference	Effect of immobilization on stress on the testis in mice	Poster	P.G. Studies and research in Applied Zoology, Kuvempu University	9 <sup>th</sup> and 10 <sup>th</sup> April, 2012
08	UGC sponsored two days National conference on “Biotechnology in healthcare: Bench to bedside”	National conference	-	Participant	Dept. of Biotechnology, Sahyadri Science college (Autonomous), Shimoga	27 <sup>th</sup> & 28 <sup>th</sup> September 2013
09	“Biodiversity conservation and sustainable management”	National conference	-	Participant	P.G. Studies and research in Applied Zoology, Kuvempu University	25 <sup>th</sup> & 26 <sup>th</sup> March 2014.
10	“One week workshop on “Field techniques and scientific approach in wildlife studies”	Workshop	-	Participant	Department of P.G. Studies and research in Wildlife and Management , Kuvempu University	13 <sup>th</sup> to 18 <sup>th</sup> March 2017.

11	Refresher Course on “Modern Genetics: Concepts and Practice”,	Refresher Course	-	Participant	Manipal Life Sciences Centre, Manipal University, Manipal, India	04th to 16th Feb, 2013
12	UGC sponsored second refresher course in the subject “Wildlife and management” (multidisciplinary approach) on the theme “Biodiversity conservation and its applications”	Refresher Course	-	Participant (Grade B)	Department of P.G. Studies and research in Wildlife and Management , Kuvempu University	12 <sup>th</sup> Nov to 2 <sup>nd</sup> Dec 2009
13	Current trends in Endocrine and Reproductive health” and 29 <sup>th</sup> meeting of the Society for reproductive Biology and Comparative Endocrinology-SRBCE-2011.	International Symposium	Male and female reproductive cycle of the frog, <i>Rana limnocharis</i>	Oral	Department of P.G. Studies and research in Zoology, University of Mysore, Mysore.	February 10-12, 2011
14	Environment, Genes, Health and Diseases.	International Conference	Effect of food additives on the protein content and midgut enzyme (amylase and protease) activities in the 5th Instar larvae of <i>Bombyx mori</i> (L).	Co-author	Bharathiar University, Coimbatore.	22 <sup>nd</sup> to 24 <sup>th</sup> August, 2017
15	Conference on Science and Technology Topic-Science, technology and society.	Conference	-	Participant	JSS College of Arts, science and commerce, ooty road, Mysore.	24 <sup>th</sup> to 25 <sup>th</sup> November, 2017.

16	UGC sponsored one day orientation programme on "Quality of higher education, importance of research and ICT-enable teaching for UG and PG teachers."	orientation programme	-	Participant	IQAC, JSS College of Arts, science and commerce, ooty road, Mysore.	30 <sup>th</sup> November, 2017.
17	Capacity building	Workshop	-	Participant	JSS College of Arts, science and commerce, ooty road, Mysore.	25 <sup>th</sup> March, 2018
18	Biodiversity conservation-Recent development & future Strategies	National Level Conference	A study on Avifaunal diversity at Chandravalli Lake, Chittradurga District, Karnataka	Presented paper	Kuvempu University & Karnataka Biodiversity Board	16 <sup>th</sup> Nov, 2018
19	Regional workshop on Biological Sciences	Workshop	-	Participant	Kuvempu University and VGST, Govt. Of Karnataka. Dept. of Applied Zoology Kuvempu University,	17 <sup>th</sup> Nov, 2018
20	Human interferences on Environment – Concepts and Concerns	State Level Seminar	-	Organizing Secretary	PG Department of Zoology & IQAC, JSSCACS, Ooty road, Mysore.	13 <sup>th</sup> February, 2019
21	Capacity building for teachers	Workshop	-	Participant	JSSCACS, Ooty road, Mysore.	16 <sup>th</sup> Feb, 2019

22	New Frontiers in Biodiversity Conservation	National Seminar	A study on Spider diversity in Karanji lake, Mysore city	Participant & Co-author	Departments of Botany & Zoology, Teresian College, Mysore	6 <sup>th</sup> & 7 <sup>th</sup> March, 2019
23	Fermentation Process and Liquid Chromatography	National Workshop		Participant	KSTA & JSSCACS, Ooty Road Mysore	14 <sup>th</sup> -16 <sup>th</sup> March, 2019
24	Teachers' Capacity building	Workshop		Participant	JSSCACS, Ooty road, Mysore.	13 <sup>th</sup> Feb, 2020
25	Current research in Development and Reproduction	National Seminar	Evaluation of goat urine concentrate on carbofuran induced histomorphological changes in the testis & the epididymis of swiss albino mice	Presented Paper	Dept. of Zoology Karnatak University, Dharwad	26 <sup>th</sup> & 27 <sup>th</sup> Feb, 2020
26	Prospects and Perspectives in Applied Zoology	State level Seminar		Delegate	JSSCACS, Ooty road, Mysuru	04th Mar. 2020

### Webinars attended during Covid -19 Lockdown Period:

Name of the Webinar	Organized by	Role	Date
Discovering and Learning Statistics Using MS Excel (One day Online Workshop)	Foundation for Innovative Research in Science and Technology, Nagercoil - Kanyakumari, <b>Tamilnadu.</b>	Participated	16 <sup>th</sup> May 2020
International Day of Biological Diversity (IDBD – 2020)	Biotechnika (Your Bioresources) Nungambakkam, <b>Chennai.</b>	Participated	22nd May 2020
International Day for Biological Diversity -2020	Centre for Environmental Sciences, Anna University, <b>Chennai</b>	Participated	18 <sup>th</sup> - 22 <sup>nd</sup> May, 2020

## Own PhD Thesis

Title	Guide Name	Institution	Month Year	Status
Studies on the effects of corticosterone on gonadal recrudescence in an amphibian ( <i>Rana limnocharis</i> ) and a reptile ( <i>Mabuya carinata</i> )	Prof. Vasudev. V	Kuvempu University	November, 2012	Awarded

## M.Phil. / Ph.D. / Guided / Adjudicated:

Sl. No.	Title	Name of the Student	Institution	Role	Month Year
Nil					

## M.Sc., Major Projects Guided:

**M.Sc., Major Projects Guided** = 09 Students (2019 – 20).

**M.Sc., Major Projects Guided** = 10 Students (2018 – 19).

**M.Sc., Major Projects Guided** = 80 Students (2003 – 17).