

FACULTY PROFILE

Dr. K. S. RAGHUNANDAN

M.Sc., Ph.D., PGDND

Assistant Professor

Postgraduate Department of Zoology
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Educational Qualification:

PROGRAMME	SPECIALIZATION	INSTITUTION/UNIVERSITY
KSET	Life Sciences	University of Mysore
Ph.D.,	Zoology	University of Mysore
M.Sc.,	Zoology	University of Mysore
PGDND	Postgraduate Diploma in Nutrition & Dietetics	Karnataka State Open University, Mysuru

Articles in Journals:

Title	Name of the Journal	Year of Publication	Volume No. / Issue No. / Page No.
A Checklist of Zooplanktons recorded at Melukote ponds, Pandavpura Taluk, Karnataka.	Int. J. Fish. Aqua. Stud.	2020	8(3): 268-272
A study on Prevailing Diseases based on lifestyle among age old individuals at Mysuru population.	Int. J. Sci. Res.	2020	<i>Article in Press</i>
Simulation of Natural Habitat supports Avian existence in Urban Mysuru: Case study of institutionalized water bodies and forests.	Int. J. Zool. Invest.	2018	4(1): 97 – 106.
Comparative scanning electron microscopic study of antennae and hearing organ of two mantids, <i>Mantis religiosa</i> and <i>Gongylus gongylodes</i> .	Int. J. Zool. Invest.	2018	4(1): 73 – 80.
Study on insect diversity in and around Maharani's Science College Campus, Mysuru, Karnataka.	Global J. Res. Analysis.	2018	7(4): 33 – 34.

Title	Name of the Journal	Year of Publication	Volume No. / Issue No. / Page No.
Evaluation of Colony strength of <i>Apis cerana</i> using image J software analysis.	Global J. Res. Analysis.	2016	5(10): 209-210.
Studies on impact of human disturbances on <i>Apis dorsata</i> Fab.in south-western Karnataka.	Res. J. Soc. Sci. Manag.	2015	5(1): 141 - 144.
Studies on the predatory interference of Natural populations of <i>Apis dorsata</i> (Hymenoptera: Apidae) at different regions of south-Western Karnataka, India.	Int. J. Sci. Res.	2015	2(5): 1 – 8.
Floral hosts and pollen calendar of Asian Giant honeybee, <i>Apis dorsata</i> Fabricius in southern Karnataka, India.	J. Ecol. Nat. Envir.	2014	6(9): 321 - 330.
Melissopalyonology of Multifloral honey of Asian giant Honeybee, <i>Apis dorsata</i> Fabricius at Southern Karnataka, India.	Int. J. Sci. Res.	2014	4(8): 667 – 668
Incidence of greater waxmoth, <i>Galleria mellonella</i> infestation to <i>Apis dorsata</i> colonies in south-western Karnataka.	Int. J. Sci. Res.	2014	2: 542 –544.
Bio-ecology of <i>Apis dorsata</i> F. at arid, semi-Arid and Malnad regions of south-western Karnataka.	J. Biodiv. Env. Sci.	2014	4(2): 205-224.
Analysis of multi-floral honey of the giant honeybee, <i>Apis dorsata</i> F., for pesticide residues in southern-Karnataka, India	Euro. J. Zoo. Res.	2013	2(3): 22 – 28.
Colony status of Asian giant honeybee, <i>Apis dorsata</i> Fabricius in southern Karnataka, India.	Afr. J. Agric. Res.	2013	8(8): 680 - 689.
Analysis of multifloral honey of <i>Apis dorsata</i> F. (Hymenoptera: Apidae) in southern-Karnataka, India.	Curr. Biotica	2011	5(2): 144 - 156.
Seasonal incidence of the Parasitic mite (Arachnida: Acarinidae) on <i>Apis dorsata</i> F. (Hymenoptera: Apidae) in Mysore, Karnataka.	Hexapoda	2010	17(2): 166 – 173.
Studies on the nest host trees of Asian giant honeybee, <i>Apis dorsata</i> F. in southern Karnataka, India.	The Bioscan	2009	4(4): 647 - 652.

Seminar / Conference / Symposium / Workshop / Lecture Series:

Name of the Conf. / Sem. / Sym. / Work. / Lect. Ser.	Type of Program	Title of the Article	Role	Venue / Place	Date
Latest research in global warming, climate change, agriculture and life sciences, Malaysia 2020	Int. Conf.	A study on foraging preference of Asian Giant honeybee, <i>Apis dorsata</i> Fabricius at Southern Karnataka, India (Best Paper Award)	Research article Presented	Kuala Lumpur, Malaysia	09 th – 10 th Jan. 2020
Prospects and Perspectives in Applied Zoology	State Level Seminar	-	Delegate	JSSCACS, Ooty road, Mysuru	04 th Mar. 2020
UGC Sponsored Programme for Enrichment of Teachers Under CPE Scheme	Lecture Series	Physical Sciences, Biological Sciences, Social Sciences and Humanities and Commerce and Management	Participated	JSSCACS, Ooty road, Mysuru	26 th Feb. 2020
Self- financed Recent Trends in Biosciences	National Seminar	Study on Insect Pollinators at JSS College campus, Mysuru	Research article Presented	D.R.M. Science College, Davanagere	15 th Feb. 2020
UGC Sponsored - Teachers' Capacity building	State Level Workshop	Teachers' Capacity building	Participated	JSSCACS, Ooty road, Mysuru	13 th Feb. 2020
Basic Cell Culture Technology	Workshop	-	Participated	Dextrose Technologies Pvt. Ltd., Bangalore	24 th – 25 th Jun. 2019
Human interferences on Environment – Concepts and Concern"	State Level Seminar	-	Convener	JSSCACS, Ooty road, Mysuru	13 th Feb. 2019

Fermentation Process and Liquid Chromatography	National Workshop	-	Participated	JSSCACS, Ooty road, Mysuru	04 th Mar. 2019
New Frontiers in Biodiversity and its Conservation	National Seminar	Study on avian faunal diversity in few lakes of Mysuru City, Karnataka. <i>(Best Paper Award)</i>	Co-author	Teresian College, Mysuru	6 th - 7 th Mar. 2019
Capacity building for teachers	State Level Workshop	-	Participated	JSSCACS, Ooty road, Mysuru	16 th Feb. 2019
Biodiversity Conservation – Recent Development & Future Strategies	National Conference	Study on the geographical variants of giant honeybee, <i>Apis dorsata</i> population of southern Karnataka, India.	Co-author	Kuvempu Uni., Jnana Sahyadri, Shankaraghatta, Shivamogga	16 th – 17 th Nov. 2018
Impact of Climate Change on Wildlife	State Level Seminar	-	Delegate	S. Nijalingappa College, KLE Society, Bengaluru	4 th Oct. 2018
Regional workshop on Biological Sciences	Workshop	-	Participated	Kuvempu Uni., Jnana Sahyadri, Shankaraghatta, Shivamogga	17 th Nov. 2018
Recent Trends in Zoology, Biodiversity, Genetics and Environmental Sciences – 2018	Int. Conf.	A study on Biological Constraints of Asian Giant honeybee, <i>Apis dorsata</i> Fabricius in Southern Karnataka, India	Research article Presented	Dept. of Zool. JB Campus, Bangalore University, Bengaluru	04 th – 05 th Dec. 2020
Developmental and Ecological sustainability: Issues in Emerging India	Nat. Conf.	Bio-ecology of Asian Giant Honeybee, <i>Apis dorsata</i> in south-western Karnataka. <i>(Best Paper Award)</i>	Research article Presented	Christ (Deemed to be University) Bengaluru	6 th – 7 th Dec. 2018

Environment, Health and Policy Nexus (ICEHPN-2017)	Int. Conf.	Assessment of Aquatic health in the selected areas of Kavery River	Research article Presented	JSS University, Mysuru	27 th - 28 th Jul. 2017
Recent advances in Aquaculture (NCRDA – 2017)	Nat. Conf.	Life cycle of greater wax moth, <i>Galleria mellonella</i> at Mysuru	Co-author	PG Dept. of Applied Zoology, MSCWM.	30 th – 31 st Mar. 2017
Conducting Research in Biodiversity and Wildlife	Nat. Sem. & Training Programme	Sponsored by DST- PURSE, Knowledge Resource by WCB Research lab, HNG University, Patan.	Delegate	Dept. of Zoology, Uni. of Lucknow, Uttar Pradesh	25 th - 31 st May 2016
Recent advances in Biological Sciences	State Level seminar	Recent advances in Biological Sciences	Participant	JSSCACS, Ooty road, Mysuru	23 rd Mar. 2016
World Biodiversity Congress (<i>WBC – 2014</i>)	Int. Conf.	Floral hosts and Pollen calendar of Asian giant honeybee, <i>Apis dorsata</i> Fab. in south- western Karnataka, India (Best Paper Award)	Research article Presented	Rajaratha Uni. Colombo, Sri Lanka	24 th – 27 th Nov. 2014
Innovations in Science and Technology for inclusive development (<i>ISTID – 2014</i>)	Nat. Symp.	Incidence of the greater wax moth, <i>Galleria mellonella</i> L. on <i>Apis dorsata</i> F. colonies at various agro-ecosystems of south-western Karnataka.	Research article Presented	DOS in Zoology, Uni. of Mysore, Mysuru	3 rd – 4 th Jan. 2014.
10 th Kannada Vijnana Sammelanna, Karnataka Science Congress	State level Conf.	Melissopalyonological study on Asian giant honeybee, <i>Apis dorsata</i> Fab. honey in southern Karnataka.	Research article presented	Dept. of Microbiology, Uni. of Mysore. Mysuru	15 th – 17 th Sep. 2014.

Ethical treatment of experimental animals and Alternatives to Animal models	Workshop	Ethical treatment of experimental animals and Alternatives to animal models.	Participant	DOS in Zoology, Uni. of Mysore, Mysuru	17 th Sep. 2012
Frontiers of Animal Science (NCFAS-2012)	Nat. Conf.	Status of Asian giant honeybee, <i>Apis dorsata</i> F. (Hymenoptera: Apidae) in southern Karnataka, India	Co-author	Dept. of Applied Zoology, Kuvempu Uni. Shimogha	9 th – 10 th Apr. 2012
Int. Conf. On Climate change, Forest Resource and Environment (ICCFRE-2011)	Int. Conf.	Impact of biological constraints on Asian giant honeybee, <i>Apis dorsata</i> F. population in Karnataka, India.	Co-author	Dept. of Zoology, Uni. of Kerala, Kariavattom, Kerala	9 th – 11 th Dec. 2011
Int. Conf. On Climate change, Forest Resource and Environment (ICCFRE-2011)	Int. Conf.	Physico-biochemical analysis of multi-floral honey of <i>Apis dorsata</i> Fab. (Hymenoptera: Apidae) in southern Karnataka, India.	Co-author	Dept. of Zoology, Uni. of Kerala, Kariavattom, Kerala	9 th – 11 th Dec. 2011
Int. Conf. On Climate change, Forest Resource and Environment (ICCFRE-2011)	Int. Conf.	Nesting ecology of the giant honeybee, <i>Apis dorsata</i> F. in south western Karnataka, India	Research article Presented	Dept. of Zoology, Uni. of Kerala, Kariavattom, Kerala	9 th – 11 th Dec. 2011
7 th Kannada Vijnana Sammelana	State Level Conf.	Man-made interferences on giant honeybee, <i>Apis dorsata</i> F.	Co-author	Gulbarga University, Gulbarga	15 th – 17 th Sep. 2011
Current trends in Endocrine and Reproductive Health	Int. Symp.	Current trends in Endocrine and Reproductive Health	Participant	DOS in Zoology, Uni. of Mysore, Mysuru	10 th – 12 th Feb. 2011.

Indian Science Congress (ISCA - 2010)	Nat. Sci. Congress	The Seasonal incidence of Parasitic mite on <i>Apis dorsata</i> F. in Mysore, Karnataka	Research article Presented	SRM Uni. Chennai	3 rd – 5 th Jan. 2010
Plant Diversity and Plant Health (NCPDPH)	Nat. Conf.	Flora and Pollen calendar of Giant honey bee, <i>Apis dorsata</i> F. in southern Karnataka	Research article Presented	DOS in Botany, Uni. of Mysore, Mysuru	11 th – 12 th Mar. 2010
Zoology, Life Process & Nanotechnology	Nat. Sem.	Infestation of greater wax moth, <i>Galleria mellonella</i> L. on <i>Apis dorsata</i> F. colonies in southern Karnataka, India	Research article Presented	Dept. of Zoology, Goa Uni. Goa	8 th – 10 th Feb. 2010
Zoology, Life Process & Nanotechnology	Nat. Sem.	Colony dynamics and Preferred nesting sites of rock bee, <i>Apis dorsata</i> F. in southern Karnataka, India.	Co-author	Dept. of Zoology, Goa Uni. Goa	8 th – 10 th Feb. 2010
Recent Trends in Animal Physiology	Nat. Conf.	Nesting behavior of giant honeybee, <i>Apis dorsata</i> F. on rocky areas of southern Karnataka, India.	Research article Presented	DOS in Zoology, Uni. of Mysore, Mysuru	29 th – 30 th Oct. 2010
Environmental Pollution, Ecology and Human Health	Int. Symp.	New record of ectoparasite, Acarine mite on rock bee, <i>Apis dorsata</i> Fabr. in Chamundi hills, Karnataka.	Co-author	Dept. of Zoology, SV University, Tirupathi	25 th – 29 th Jul. 2009

Environmental Pollution, Ecology and Human Health	Int. Symp.	Studies on the spatial distribution of the rock bee, <i>Apis dorsata</i> F. on invasive plants in southern Karnataka, India.	Co-author	Dept. of Zoology, SV University, Tirupathi	25 th – 29 th Jul. 2009
New Horizons in Insect Pest Management.	Nat. Conf.	Pest of rock bee, <i>Apis dorsata</i> F. and their natural control under Wild conditions.	Research article Presented	KLE Society College, Haveri	3 rd – 4 th Mar. 2009
Conservation of Biodiversity in Protected areas – Opportunities and Challenges.	Nat. Sym.	Studies on the incidence of predators on <i>Apis dorsata</i> F. in Southern Karnataka.	Co-author	Christ Uni., Bangalore	23 rd -24 th Jan. 2009
Conservation of Biodiversity in Protected areas – Opportunities and Challenges.	Nat. Sym.	Occurrence of <i>Apis dorsata</i> F. agro-ecosystems of southern Karnataka, India	Research article Presented	Christ Uni., Bangalore	23 rd -24 th Jan. 2009

Training Programme / Keynote Address:

Biodiversity Management Committee and People Biodiversity Register	Training Programme	Formation of BMC's and PBR's, Forest Department, Govt. of Karnataka.	Keynote address	T. Narsipura Gram Panchayat, Mysuru.	27 th Jun. 2016
Biodiversity Management Committee and People Biodiversity Register	Training Programme	Formation of BMC's and PBR's, Forest Department, Govt. of Karnataka.	Keynote address	Nanjangud Gram Panchayat, Mysuru.	13 th – 14 th Sep. 2016

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

Title	Name of the Student	Institution	Role	Month / Year
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Own Ph.D., Thesis:

Title	Research Guide	University	Month Year	Status
Bio-ecology of <i>Apis dorsata</i> Fab. in few areas of south-western Karnataka	Dr. S. Basavarajappa Professor DOS in Zoology University of Mysore, Manasagangotri, Mysuru.	University of Mysore, Manasagangotri, Mysuru	March 2015	Ph.D., Thesis Awarded

Webinar Series attended during Covid- 19 outbreak:

Name of the Webinar	Organized by	Role	Date
Biodiversity, Wildlife and Traditional Knowledge <i>(National level Webinar)</i>	ENVIS-RP, Institute of Wildlife Sciences, ONGC Centre for Advanced Studies, University of Lucknow, Lucknow	Research Article Presented	8 th – 9 th May 2020
Secrets to get quickly published as a scientific author and hasten your Ph.D., research writing	Aristocrat Research, IT Solutions, Pvt. Ltd. New Delhi	Participated	17 th May 2020
Bioprospecting through Apiculture: Post Covid – 19 Scenario in India	KVIC Nagpur, C.S.B.R & PGTD Zoology, R.T.M. Nagpur University, Nagpur, Science College Pauni, Dist. and Saibaba Arts & Science College, Parseoni Dist. Nagpur.	Participated	20 th May 2020
Discovering and Learning Statistics Using MS Excel <i>(One day Online Workshop)</i>	Foundation for Innovative Research in Science and Technology, Nagercoil-629002. Kanyakumari, Tamilnadu	Participated	16 th May 2020
Birds Connect Our World <i>(National Level Webinar)</i>	Department of Zoology in Collaboration with BIOLOGIA Life Science on the occasion of World Migratory Bird Day 2020 (UN-led campaign)	Participated	9 th MAY 2020
International Day of Biological Diversity	Biotechnika (Your Bioresources) Nungambakkam, Chennai	Participated	22 nd May 2020

Research Paper presentation at International Conferences:

1. 9th – 10th January, 2020 – University of Malaya, Kuala Lumpur, **Malaysia.**
(Best Oral Paper Presentation Award).
2. 24th – 27th November, 2015 – Rajaratha University, Colombo, **Sri Lanka.**
(Best Poster Presentation Award).

Awards & Honors:

1. IMRF Best Scientist Award – 2019 – 20 at **University of Malaya, Malaysia.**
2. Best Paper Presentation Award - DESIEI – 2018 at **Christ University, Bangalore.**
3. Best Paper Presentation Award – World Biodiversity Congress, **Colombo, Sri Lanka.**
4. Consolation Prize – National Symposium, DOS in Zoology, **Uni. of Mysore, Mysuru.**

Contribution to Book:

A book on **“Fauna of Manasagangothri Campus, Mysore”**. 2012. Department of Studies in Zoology, University of Mysore, Manasagangothri, Mysore. Vol. I.

Bird Census:

Participated in **“Rangantittu Bird Census – 2018”** Organized by Mysuru Wildlife Division, Forest Department, Government of Karnataka on **4th March, 2018.**

Participated in **“Rangantittu Bird Census – 2018”** Organized by Mysuru Wildlife Division, Forest Department, Government of Karnataka on **13th May, 2018.**

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

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

M.Sc., Major Research Projects Co-guided = 10 Students (2015 – 19).

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