

## Curriculum vitae

### Personal Details

Name: Dr. Dhanya R

Date of Birth: 30/05/1982

Official Address: Director, School of Environmental Studies, Thunchath Ezhuthachan Malayalam University, Vakkad P.O., Tirur, Malappuram, Kerala, India-676502

Residential Address: Anupallavi, Karumampoyil House Chungathara, Malappuram, Kerala, 679334

### Qualification

No	Degree	Year of passing	Institution/University/Location	Branch/Field of Study
1	B.Sc	2002	Kerala University	Zoology
2	M.Sc	2004	Pondicherry Central University	Ecology and Environmental sciences
3	Ph.D	2012	Bharathiar University (Sálim Ali Centre for Ornithology and Natural History, SACON)	Environmental Sciences (Status and Ecology of House sparrow ( <i>Passer domesticus</i> ) along an urban to gradient,

				Coimbatore)
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### Past Experience

<b>Designation</b>	<b>Institution</b>	<b>Area of Research</b>	<b>Duration</b>
Principal Investigator/ Department of Science and Technology- Women Scientist	Kerala Forest Research Institute	<b>Urban ecology, ornithology, nature education and GIS</b>  To monitor the avian community and rate of urbanisation along an urban to rural gradient.	April 2016- October 2016
Research Fellow/ UGC Major Project	M.E.S Mampad College	<b>Eco-toxicology</b>  To sample fishes for the presence of organochlorides, Organophosphates, carbamates, for a project on 'An investigation on the impact of pesticides in select groups of fishes in inland wetlands of Southern Western Ghats'	December 2012 – May 2013
Principal Investigator/ DST Rajat	Sálim Ali Centre for Ornithology and Natural	<b>Ornithology and nature education</b>  Co-ordinate schools, give training and field exposure to the pupil, preparation of urban	March- November 2010

Jayanti Fellow	History	bird register	
UNEP Eco-peace Leadership Awardee	Sálim Ali Centre for Ornithology and Natural History	<b>Urban ecology, ornithology and nature education</b> Impart awareness, record the House sparrow population as a function of intensity of Urbanization	2009
Ph.D Scholar	Sálim Ali Centre for Ornithology and Natural History	<b>Ecology and ornithology</b> Status and Ecology of House sparrow along an urban to gradient	2005-2009

#### My Zone / Area of Expertise

My interests are mainly focused on the ecology of human-dominated landscapes, conservation of native species, biodiversity assessment, traditional ecological knowledge and environmental education.

#### Awards /Grants and association with other organisations

- United Nation's Environmental Program's -Eco peace leadership Award-2009
- Rajat Jayanti Vigyan Sancharak Fellowship Award 2009 (Department of Science and Technology, Govt. of India)
- DST- Women Scientist Award 2014 (Disha/SoRF) by Department of Science and Technology, Govt of India, through Kerala Forest Research Institute
- Idea Wild Equipment grant 2017 USA

#### Publications in Journals/Technical Reports/Popular articles

- Dhanya R, Das KSA and Azeez PA (2015) Usage of nest materials of House Sparrow (*Passer domesticus*) along an urban to rural gradient in Coimbatore, India. Tropical Life Science Research
- Dhanya R, Das KSA and Azeez PA. 2012. Floral visits and floral damages by avian nectar robbers on an exotic shrub, *Tecoma stans*. Tropical Natural History 13 (1):49-52.
- Dhanya R and Azeez PA. 2010. House sparrow (*Passer domesticus*) population of Arakku Township, Andhra Pradesh. Indian Birds. 5(6): 180-181
- Narayanan SP, Boopal A, Nanjan S, Kurian J, Dhanya R 2006. New site for the Yellow-throated Bulbul *Pycnonotus xantholaemus* from Tamil Nadu. Indian Birds 2(6): 151–153.
- Dhanya R, Nikhil Raj PP, Ranjini J & Azeez PA. 2006. Energy Scenario in Kerala. Journal of Environment and Energy 1(1): 60-76.
- Raj PPN, Ranjini J, Dhanya R, Subramanian J, Azeez PA & Bhupathy S. 2010. Consolidated checklist of birds in the Pallikaranai Wetlands, Chennai, India. Journal of Threatened Taxa 2(8): 1114-1118.
- Das KSA, Ramachandran VS, Lalitha Vijayan and Dhanya R. 2013. Vascular Epiphytic Plants on a Tropical Rain Forest Tree *Eleocarpus Tuberculatus Roxb*. In Silent Valley National Park, the Western Ghats, India. Research & Reviews: Journal of Botanical Sciences 2(2)

#### Technical Reports

- Dhanya R, Keerthana Haridas and Das KSA. 2016. Nest Site Characteristics and Nest materials of House Sparrow (*Passer domesticus*) along an Urban to Rural Gradient, Malappuram, Kerala. Technical report submitted to Wildlife Research and Conservation Trust (WRCT), Nilambur, Malappuram, Kerala. India.

- Dhanya R, Naseera M and Das KSA.2016. Ecosystem services of isolated trees in urban area, Malappuram, Kerala. Technical report submitted to Wildlife Research and Conservation Trust (WRCT), Nilambur, Malappuram, Kerala. India.
- Dhanya R, Sahdiya. M and Das KSA. 2013. Status and Population of House Sparrow (*Passer domesticus*) with Special Reference to their Insect Diets, Wandoor, Kerala. Technical report submitted to Wildlife Research and Conservation Trust (WRCT), Nilambur, Malappuram, Kerala. India.
- Dhanya R and Azeez PA. 2010. Initializing an urban bird monitoring programme among school children, Coimbatore, India. Technical report submitted to Department of Science and Technology, New Delhi, India.
- Azeez PA, Bhupathy S, Chandra R and R Dhanya. 2009. Monitoring the execution of Conservation Plan for Gaur and Endemic flora of Shevaroy Bauxite Mines, Yercaud (M/s Madras Aluminium Company Limited, Mettur Dam, Salem District, Tamil Nadu). Sálím Ali Centre for Ornithology and Natural History, Coimbatore, 18 pp. Draft report submitted to Madras Aluminium Company (MALCO) Limited, Madras (EIA Report).
- Azeez PA, Bhupathy S, Chandra R & Dhanya R. 2008. Monitoring the execution of Conservation Plan for Flora and Fauna of Kolli Bauxite Mines, Kolli Hills M/s Madras Aluminium Company Limited, Mettur Dam, Tamil Nadu. Sálím Ali Center for Ornithology and Natural History. Coimbatore. Tamil Nadu (EIA Report).
- Azeez PA, Bhupathy S, Dhanya R & Ranjini J. 2007. A proposal for Conserving Pallikaranai wetland. Sálím Ali Center for Ornithology and Natural History. Coimbatore. Tamil Nadu. (EIA Report).
- Azeez PA, Bhupathy S, Ranjini J, Dhanya R & Nikhil Raj PP. 2007. Environmental management plan for Pallikaranai wetland. Sálím Ali Center for Ornithology and Natural History. Coimbatore. Tamil Nadu. (EIA Report).
- Azeez P.A, Bhupathy S, Ranjini J, Dhanya R & Nikhil Raj PP. 2007. Management Plan for the Eco-restoration of Pallikaranai Reserve Forest. Sálím Ali Centre for Ornithology and Natural History. Coimbatore. Tamil Nadu. (EIA Report).

### **Popular Writings**

- Dhanya R and Azeez PA. 2012 Vanishing Birds <https://indianexpress.com/article/opinion/columns/vanishing-bird/>
- Ranjini J, Dhanya R and Azeez PA. 2006. The nesting patterns of birds. The bird- journal from postal training centre, Madurai, Tamil Nadu (half yearly journal, October), pp 30-35
- Dhanya R .2017. Veendedukkanavatha Vakku (in Malayalam). Dicruz A (editor), Published by Pranatha Books.
- Dhanya R . 2020. Paristhithinadodi Vijaneeyam. Soothravakkukal, Kala Saundarya Shasthrathilekku Oru Padakosham (in Malayalam). Adarsh C, Rajesh MR (editors). Published by Prasadham, Thrissur

#### Seminar / Conferences/proceedings

- Dhanya R, Ranjini J and Azeez PA. 2007. Conservation of an urban wetland- a case from Pallikaranai, Chennai. In proc. of International seminar on biodiversity conservation. Organized by Rajiv Gandhi Chair, CUSAT, Kochi. India p-178.
- Ranjini J, Dhanya R and Azeez PA. 2007. Homogenization as urbanization: habitat vs species. In proc. of Rajiv Gandhi Chair International seminar on biodiversity conservation. Organized /by Rajiv Gandhi Chair. CUSAT, Kochi. India p-178.
- Dhanya R. 2009. Impact of a cultural event on House Sparrow (*Passer domesticus*) nesting. Young Ecologists Talk and Interact, YETI. Indian Institute of Sciences, Bangalore.
- Das KSA and Dhanya R. 2009. Diversity of butterflies in the tropical rain forest canopy and understorey. In Proc. of 5th International Canopy Conference-2009 p 93.
- Dhanya R, Ranjini J and Azeez PA. 2009. Observations on the insect food resources of House sparrow chicks (*Passer domesticus*) at different scales of urbanization, in Coimbatore, India. In proc. of International congress of global warming on biodiversity of insects: management and conservation. Organized by Dept. of Zoology, Bharathiar University, India p- 106.
- Dhanya R and Lea HZ.2011. Initiating a conservation strategy among school children, Coimbatore, India. In Proc. of UNEP-EPLC programme at Kangwon University, South Korea
- Keerthana H, Dhanya R and Das KSA.2019. Nest site characteristics and nest materials of House Sparrow (*Passer domesticus*) along an Urban to Rural Gradient, Malappuram, Kerala.

International conference on biodiversity and conservation. Organised by department of Zoology, MES Mampad College.

- Ashwathy R, Dhanya R and Das KSA.2019. Assessment of Disaster Management Awareness among working group members of Veliyanad Block Panchayath, Alappuzha District. Environmental Education in India scope and challenges. Organised by department of Environmental Studies, Kannur University
- Ashwathy R, Dhanya R and Sheeba VA.2019. Occurrence of Invasive alien plant species along the road sides of state highway 28, Nilambur, Malappuram Kerala. International conference on biodiversity and conservation. Organised by department of Zoology, MES Mampad College.

#### Positions held at academic / professional bodies

- United Nations- Eco Peace Leadership Centre's Oversea Branch Officer to India
- Member of the District Environmental Appraisal Committee (DEAC) Malappuram
- Calicut University Board of Studies Member (Environmental Sciences)
- Thunchath Ezhuthachan Malayalm University Board of Studies Member (Environmental Studies)
- Subject expert for Kerala Science Congress science congress organised by Kerala Sate Council for Science and Technology
- Guest reviewer Journal of Current Science
- WWF Magical Mangrove volunteer
- Resource person in the workshop "A study of the Traditional Indigenous Practices followed for Conservation of Natural Resources by Schedule Tribes of India" from 15.03.2021 to 20.03.2021 organised by Department of Education in Science & Mathematics, National Council of Educational Research & Training
- Technical Working Group Member "Mangrove project, Kerala" ,ICLEI – Local Governments for Sustainability, South Asia

#### **Memberships / Responsibilities in national and international organizations**

- IUCN Commission on Ecosystem Management
- South Asian Network for Development and Environmental Economics (SANDEE)
- The International Network for DIVERSITAS in Western Pacific & Asia (DIWPA),

## Japan

- International Society for Zoological Sciences, (ISZS) China
- Indian Bird Conservation Network (IBCN)
- Malabar Natural History Society (MNHS)
- Society for Environmental Education in Kerala (SEEK)

## Research Guidance

M.Phil: 1 (completed); 1 (ongoing)

Ph.D: 1 (ongoing)

## Invited Talks

- Biotic Homogenisation and Urbanisation. 2009. Department of Botany, Marthoma College Chungathara, Malappuram
- Indicators in an Urban Ecosystem. 2010. UNEP Eco-Peace Leadership Programme, Kangwon University, South Korea
- Biodiversity and Urbanisation 2016. Department of Zoology, MES Mampad College, Malappuram
- Ecology of House Sparrow. 2019. NSS College, Manjeri, Malappuram
- Ecological Assessment Techniques. 2019. Organised as part of value added course on Research Analysis and EIA, Department of Environmental Sciences, Calicut University.
- Traditional Ecological Knowledge and Sustainability. 2021. National Webinar on “Nattarivukalum Susthiravikasanavum “Organised by Department of Malayalam, Sreekrishna College, Guruvayur

## Workshops

- Workshop on “Biodiversity Activity Book” .2008. Organised by NCERT in association with Sálím Ali Centre for Ornithology and Natural History (SACON), Coimbatore
- Orientation Programme .2010. Eco-peace leadership Centre, Kangwon University, South Korea
- Participated State Level Workshop on “Environmental Impact Assessment” held on 8- 10 February 2018, organized by Dept. of Environmental Sciences, MG University, Kottayam
- Faculty Orientation Programme at HRDC Calicut



- Faculty Refresher programme at Maulana Azad National Urdu University on “Disaster Management”.17th to 30th September 2020

## Projects

- “Initializing an urban bird monitoring programme among school children”. Rajath Jayanti Science Communicator Award, funded by Department of Science and Technology
- “Indicators in an Urban Ecosystem” funded by UNEP Eco-Peace Leadership Centre, Kangwon University, South Korea
- “Monitoring bird diversity and distribution pattern along an urban to rural gradient and predicting suitable rescue habitat using GIS” funded by Department of Science and Technology (Disha/SoRF).
- “Traditional Ecological Knowledge and Climate Resilience” (as Co. PI), funded by Directorate of Environment and Climate Change.