



GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS)

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Affiliated to Bharathidasan University

DST - CURIE Sponsored Institution

IV Cycle of Accreditation

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CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.4. RESEARCH PUBLICATION AND AWARDS

3.4.4 Number of Books and Chapters in Edited Volumes Published per Teacher

COVER PAGE FOR BOOK

Dr.D.Soumady

**“A comparative study of Avifaunal
Diversity in and Around Kumbakonam,
Thanjavur District, Tamil Nadu, India”**



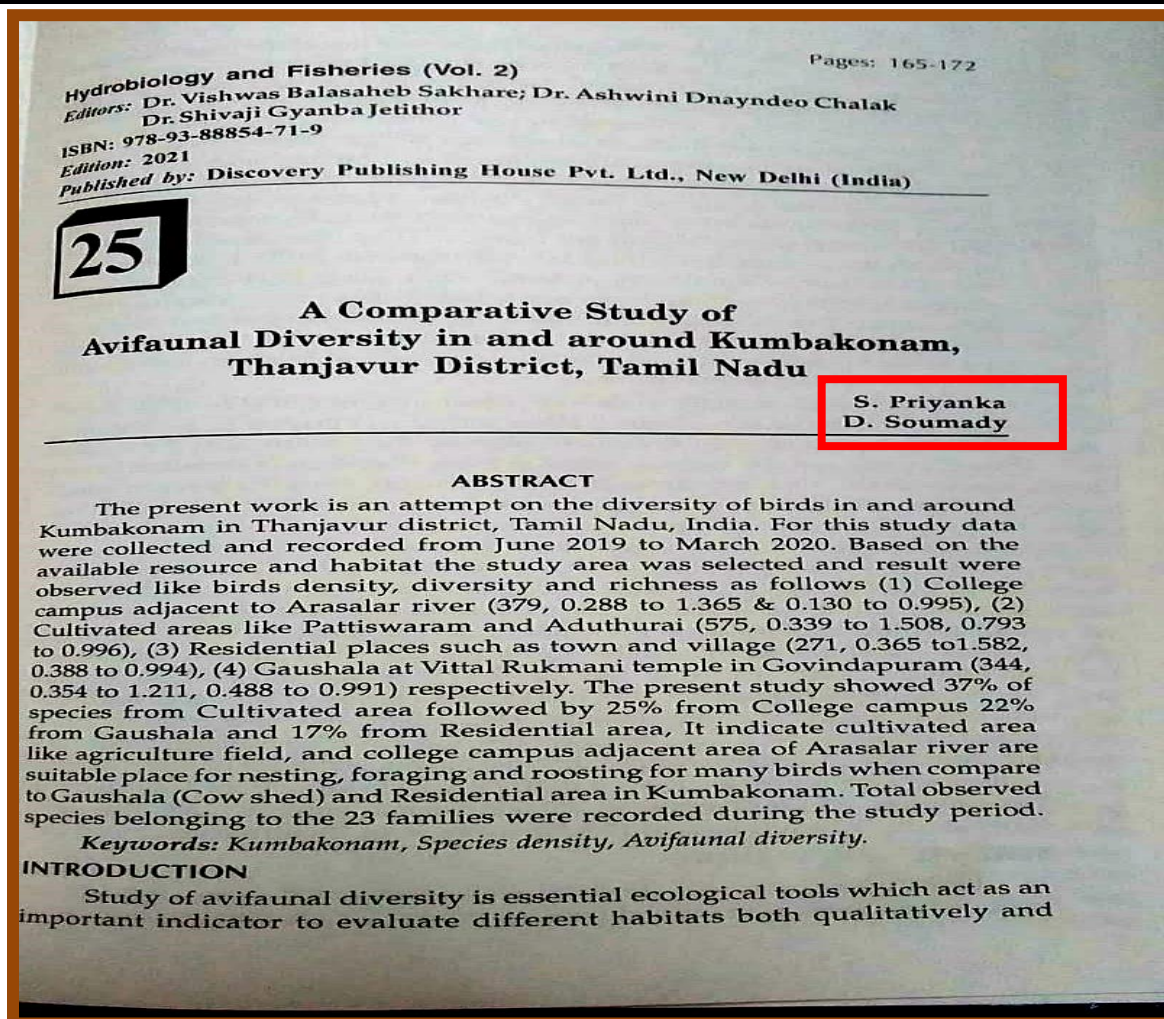
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Name of the teacher	Title of the book published	Year of publication	ISBN number	Whether at the time of publication Affiliating Institution was same Yes/No	Name of the publisher
Dr.D.Soumady	A comparative study of Avifaunal Diversity in and around Kumbakonam, Thanjavur District, Tamil Nadu, India	2021	978-93-88854	Yes	Discovery Publishing House Pvt.Ltd., New Delhil (India)



**S. Priyanka
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ABSTRACT

The present work is an attempt on the diversity of birds in and around Kumbakonam in Thanjavur district, Tamil Nadu, India. For this study data were collected and recorded from June 2019 to March 2020. Based on the available resource and habitat the study area was selected and result were observed like birds density, diversity and richness as follows (1) College campus adjacent to Arasalar river (379, 0.288 to 1.365 & 0.130 to 0.995), (2) Cultivated areas like Pattiswaram and Aduthurai (575, 0.339 to 1.508, 0.793 to 0.996), (3) Residential places such as town and village (271, 0.365 to 1.582, 0.388 to 0.994), (4) Gaushala at Vittal Rukmani temple in Govindapuram (344, 0.354 to 1.211, 0.488 to 0.991) respectively. The present study showed 37% of species from Cultivated area followed by 25% from College campus 22% from Gaushala and 17% from Residential area. It indicate cultivated area like agriculture field, and college campus adjacent area of Arasalar river are suitable place for nesting, foraging and roosting for many birds when compare to Gaushala (Cow shed) and Residential area in Kumbakonam. Total observed species belonging to the 23 families were recorded during the study period.

Keywords: Kumbakonam, Species density, Avifaunal diversity.

INTRODUCTION

Study of avifaunal diversity is essential ecological tools which act as an important indicator to evaluate different habitats both qualitatively and