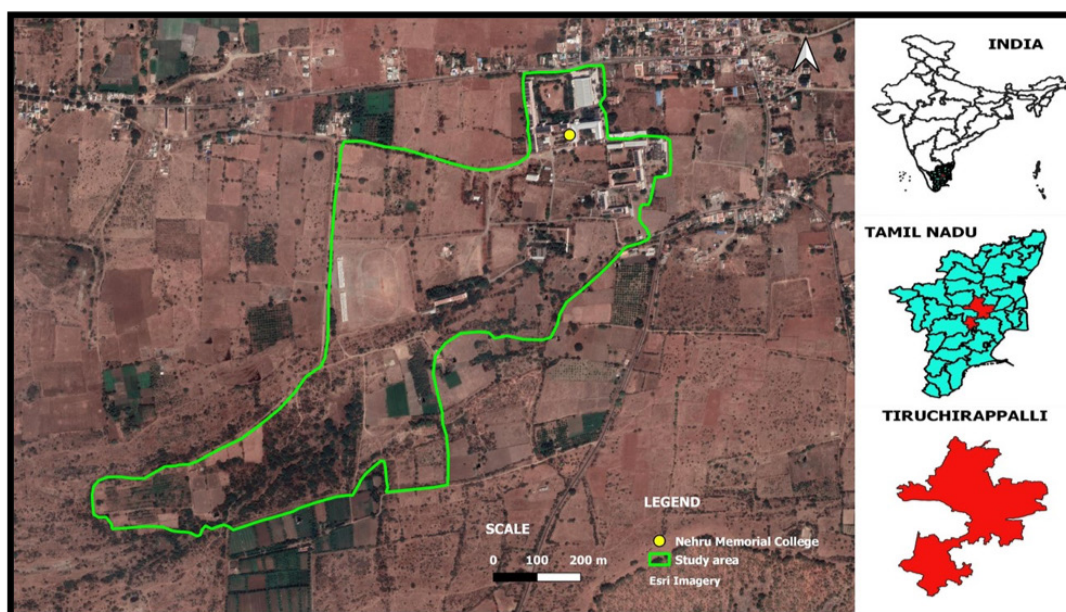


Avifauna checklist of Nehru Memorial College campus of Tiruchirappalli District, Tamil Nadu

The present study was carried out in 50 acres of the Nehru Memorial College campus and 69 acres of Puthanampatti village of Tiruchirappalli District, Tamil Nadu (11.0698 °N, 78.6881 °E). The elevation ranges from 106 to 116 meters above the mean sea level. Tiruchirappalli District receives the north-east monsoon and some showers during the south-west monsoon. The study area is open with dry habitat comprising of shrub (*Cassia auriculata*, *Flueggea leucopyrus*, *Lantana camara*, *Dodonaea viscosa*, *Tecoma stans*), herb (*Tridax procumbens*, *Tephrosia purpurea*, *Sida cordata*, *Boerhavia diffusa*, *Tribulus terrestris*, *Parthenium hysterophorus*) and trees (*Azadirachta indica*, *Prosopis juliflora*, *Millettia pinnata*) in and around the college campus. During the study

period, paddy was in cultivation and lemon plantations were present.

The study was carried out from November 2015 to January 2017 and January 2019 to June 2021. The birds were identified and classified on the basis of standard field guide. The checklist of species was prepared following Grimmett et al. (2011). Birds were counted by using direct count methods, walking within the college campus and Puthanampatti village. The birds were observed during the most active period of the day, i.e., between 06:00 to 10:00 AM and 04:00 to 06:00 PM (Bibby et al. 1998). During the field visit photos were taken using Nikon D3300 with zoom lens 55–500 mm. Binocular (Olympus 10 x 50) was used to record the



Location of the study area of Nehru Memorial College in and around Puthanampatti village

Table 1. Avifauna checklist of Nehru Memorial College.

	Order	Family	Common name	Scientific name	Status	Food Habit	IUCN Status	WLPA Schedule
1	Galliformes	Phasianidae	Grey Francolin	<i>Francolinus pondicerianus</i>	RE	O	LC	IV
2			Indian Peafowl	<i>Pavo cristatus</i>	RE	O	LC	I
3			Rain Quail	<i>Coturnix coromandelica</i>	RE	O	LC	IV
4	Anseriformes	Anatidae	Indian Spot-billed Duck	<i>Anas poecilorhyncha</i>	RE	O	LC	IV
5	Podicipediformes	Podicipedidae	Little Grebe	<i>Tachybaptus ruficollis</i>	RE	C	LC	IV
6			Intermediate Egret	<i>Ardea intermedia</i>	RE	C	LC	IV
7			Little Egret	<i>Egretta garzetta</i>	RE	C	LC	IV
8			Cattle Egret	<i>Bubulcus ibis</i>	RE	I	LC	IV
9	Pelecaniformes	Ardeidae	Indian Pond-Heron	<i>Ardeola grayii</i>	RE	C	LC	IV
10			Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	RE	C	LC	IV
11			Little Cormorant	<i>Microcarbo niger</i>	RE	P	LC	IV
12	Suliformes	Phalacrocoracidae	Black-winged Kite	<i>Elanus caeruleus</i>	RE	C	LC	I
13			Indian Spotted Eagle	<i>Clanga hastata</i>	RE	C	VU	I
14			White-eyed Buzzard	<i>Butastur teesa</i>	RE	C	LC	I
15			Black Kite	<i>Milvus migrans</i>	RE	C	LC	I
16			Brahminy Kite	<i>Haliastur indus</i>	RE	C	LC	I
17			Shikra	<i>Accipiter badius</i>	RE	C	LC	I
18			Common Buzzard	<i>Buteo buteo</i>	WM	C	LC	I
19		Accipitriformes	Oriental Honey-buzzard	<i>Pernis ptilorhynchus</i>	RE	C	LC	I
20			Booted Eagle	<i>Hieraaetus pennatus</i>	WM	C	LC	I
21			Eurasian Marsh-Harrier	<i>Circus aeruginosus</i>	WM	C	LC	I
22			Pallid Harrier	<i>Circus macrourus</i>	WM	C	NT	I
23			Eurasian Kestrel	<i>Falco tinnunculus</i>	WM	C	LC	IV
24			Red-necked Falcon	<i>Falco chicquera</i>	RE	C	NT	I

	Order	Family	Common name	Scientific name	Status	Food Habit	IUCN Status	WLP Schedule
25	Accipitriformes	Accipitridae	Peregrine Falcon	<i>Falco peregrinus</i>	WM	C	LC	I
26	Gruiformes	Rallidae	White-breasted Waterhen	<i>Amauornis phoenicurus</i>	RE	O	LC	IV
27			Eurasian Moorhen	<i>Gallinula chloropus</i>	RE	O	LC	IV
28		Burhinidae	Indian Thick-knee	<i>Burhinus indicus</i>	RE	O	LC	IV
29		Charadriidae	Red-wattled Lapwing	<i>Vanellus indicus</i>	RE	I	LC	IV
30			Common Snipe	<i>Gallinago gallinago</i>	WM	I	LC	IV
31	Charadriiformes		Common Sandpiper	<i>Actitis hypoleucos</i>	WM	C	LC	IV
32			Wood Sandpiper	<i>Tringa glareola</i>	WM	C	LC	IV
33			Common Greenshank	<i>Tringa nebularia</i>	WM	C	LC	IV
34		Turnicidae	Yellow-legged Buttonquail	<i>Turnix tanki</i>	RE	O	LC	IV
35			Rock Pigeon (Feral Pigeon)	<i>Columba livia</i>	RE	G	LC	IV
36			Eurasian Collared-Dove	<i>Streptopelia decaocto</i>	RE	G	LC	IV
37	Columbiformes		Red-collared Dove	<i>Streptopelia tranquebarica</i>	RE	G	LC	IV
38			Laughing Dove	<i>Spilopelia senegalensis</i>	RE	G	LC	IV
39			Spotted Dove	<i>Streptopelia chinensis</i>	RE	G	LC	IV
40	Pteroclitiformes	Pteroclididae	Chestnut-bellied Sandgrouse	<i>Pterocles exustus</i>	RE	O	LC	IV
41	Psittaciformes	Psittaculidae	Rose-ringed Parakeet	<i>Psittacula krameri</i>	RE	G	LC	IV
42	Cuculiformes	Cuculidae	Southern Coucal	<i>Centropus sinensis parroti</i>	RE	O	LC	IV
43			Blue-faced Malkoha	<i>Phaenicophaeus viridirostris</i>	RE	I	LC	IV
44			Pied Cuckoo	<i>Clamator jacobinus</i>	RE	O	LC	IV
45			Asian Koel	<i>Eudynamys scolopaceus</i>	RE	O	LC	IV
46			Grey-bellied Cuckoo	<i>Cacomantis passerinus</i>	RE	I	LC	IV
47			Common Hawk-Cuckoo	<i>Hierococcyx varius</i>	RE	I	LC	IV
48	Caprimulgiformes	Caprimulgidae	Indian Nightjar	<i>Caprimulgus asiaticus</i>	RE	I	LC	IV
49			Spotted Owlet	<i>Athene brama</i>	RE	C	LC	IV
50	Strigiformes	Strigidae	Indian Scops-Owl	<i>Otus bakkamoena</i>	RE	I	LC	IV

	Order	Family	Common name	Scientific name	Status	Food Habit	IUCN Status	WLP Schedule
51	Strigiformes	Strigidae	Mottled Wood Owl	<i>Strix ocellata</i>	RE	C	LC	IV
52			Indian Eagle Owl	<i>Bubo bengalensis</i>	RE	C	LC	IV
53	Apodiformes	Apodidae	Alpine Swift	<i>Tachybaptus melba</i>	RE	I	LC	IV
54			Little Swift	<i>Apus affinis</i>	RE	I	LC	IV
55			Asian Palm-Swift	<i>Cypsiurus balasiensis</i>	RE	I	LC	IV
56	Bucerotiformes	Upupidae	Eurasian Hoopoe	<i>Upupa epops</i>	RE	C	LC	IV
57	Coraciiformes	Coraciidae	Indian Roller	<i>Coracias benghalensis</i>	RE	I	LC	IV
58		Alcedinidae	Common Kingfisher	<i>Alcedo atthis</i>	RE	P	LC	IV
59			White-throated Kingfisher	<i>Halcyon smyrnensis</i>	RE	C	LC	IV
60			Pied Kingfisher	<i>Ceryle rudis</i>	RE	P	LC	IV
61	Meropidae	Meropidae	Green Bee-eater	<i>Merops orientalis</i>	RE	I	LC	IV
62			Blue-tailed Bee-eater	<i>Merops philippinus</i>	WM	I	LC	IV
63	Piciformes	Megalaimidae	Coppersmith Barbet	<i>Psilopogon haemacephalus</i>	RE	O	LC	IV
64		Picidae	Black-rumped Flameback	<i>Dinopium benghalense</i>	RE	I	LC	IV
65	Passeriformes	Campephagidae	Small Minivet	<i>Pericrocotus cinnamomeus</i>	RE	I	LC	IV
66		Oriolidae	Black-headed Cuckooshrike	<i>Lalage melanoptera</i>	RE	I	LC	IV
67			Indian Golden Oriole	<i>Oriolus kundoo</i>	RE	O	LC	IV
68		Vangidae	Black-hooded Oriole	<i>Oriolus xanthornus</i>	RE	O	LC	IV
69			Common Woodshrike	<i>Tephrodornis pondicerianus</i>	RE	I	LC	IV
70		Aegithinidae	Common Iora	<i>Aegithina tiphia</i>	RE	I	LC	IV
71		Dicruridae	Black Drongo	<i>Dicrurus macrocercus</i>	RE	I	LC	IV
72		Monarchidae	Indian Paradise-Flycatcher	<i>Terpsiphone paradisi</i>	RE	I	LC	IV
73	Corvidae	Laniidae	Brown Shrike	<i>Lanius cristatus</i>	RE	I	LC	IV
74		Corvidae	Bay-backed Shrike	<i>Lanius vittatus</i>	WM	I	LC	IV
75			Rufous Treepie	<i>Dendrocitta vagabunda</i>	Re	O	LC	IV
76		Corvidae	House Crow	<i>Corvus splendens</i>	RE	O	LC	V

	Order	Family	Common name	Scientific name	Status	Food Habit	IUCN Status	WLP Schedule
77	Passeriformes	Corvidae	Large-billed Crow	<i>Corvus macrorhynchus culminatus</i>	RE	O	LC	IV
78		Hirundinidae	Barn Swallow	<i>Hirundo rustica</i>	WM	I	LC	IV
79			Red-rumped Swallow	<i>Cecropis daurica</i>	RE	I	LC	IV
80			Streak-throated Swallow	<i>Petrochelidon luvicola</i>	WM	I	LC	IV
81			Rufous-tailed Lark	<i>Ammomanes phoenicura</i>	RE	O	LC	IV
82		Alaudidae	Ashy-crowned Sparrow-Lark	<i>Eremopterix griseus</i>	RE	O	LC	IV
83			Jerdon's Bushlark	<i>Mirafra affinis</i>	RE	I	LC	IV
84		Alaudidae	Oriental Skylark	<i>Alauda gulgula</i>	RE	O	LC	IV
85		Pycnonotidae	Red-vented Bulbul	<i>Pycnonotus cafer</i>	RE	O	LC	IV
86			White-browed Bulbul	<i>Pycnonotus luteolus</i>	RE	O	LC	IV
87			Ashy Prinia	<i>Prinia socialis</i>	RE	I	LC	IV
88			Plain Prinia	<i>Prinia inornata</i>	RE	I	LC	IV
89		Cisticolidae	Zitting Cisticola	<i>Cisticola juncidis</i>	RE	I	LC	IV
90			Common Tailorbird	<i>Orthotomus sutorius</i>	RE	I	LC	IV
91			Booted Warbler	<i>Iduna caligata</i>	WM	I	LC	IV
92			Blyth's Reed Warbler	<i>Acrocephalus dumetorum</i>	WM	I	LC	IV
93		Phylloscopidae	Green Warbler	<i>Phylloscopus nifidus</i>	WM	I	LC	IV
94		Leiothrichidae	Greenish Warbler	<i>Phylloscopus trochiloides</i>	WM	I	LC	IV
95			Large Grey Babbler	<i>Argya malcolmi</i>	RE	I	LC	IV
96			Yellow-billed Babbler	<i>Turdoides affinis</i>	RE	I	LC	IV
97			Rosy Starling	<i>Pastor roseus</i>	WM	O	LC	IV
98		Sturnidae	Brahminy Starling	<i>Sturnia pagodarum</i>	RE	O	LC	IV
99			Common Myna	<i>Acridotheres tristis</i>	RE	O	LC	IV
100		Sylviidae	Lesser Whitethroat	<i>Curruca curruca</i>	WM	I	LC	IV
101		Muscicapidae	Asian Brown Flycatcher	<i>Muscicapa dauurica</i>	WM	I	LC	IV

	Order	Family	Common name	Scientific name	Status	Food Habit	IUCN Status	WLPA Schedule
102	Passeriformes		Indian Robin	<i>Copsychus fulicatus</i>	RE	I	LC	IV
103			Oriental Magpie-Robin	<i>Copsychus saularis</i>	RE	I	LC	IV
104			Pied Bushchat	<i>Saxicola caprata</i>	RE	I	LC	IV
105			Purple-rumped Sunbird	<i>Leptocoma zeylonica</i>	RE	N	LC	IV
106		Nectariniidae	Purple Sunbird	<i>Cinnyris asiaticus</i>	RE	N	LC	IV
107			Loten's Sunbird	<i>Cinnyris lotenius</i>	RE	N	LC	IV
108		Dicaeidae	Pale-billed Flowerpecker	<i>Dicaeum erythrorhynchos</i>	RE	F	LC	IV
109		Ploceidae	Baya Weaver	<i>Ploceus philippinus</i>	RE	G	LC	IV
110			Indian Silverbill	<i>Euodice malabarica</i>	RE	G	LC	IV
111		Estrildidae	White-rumped Munia	<i>Lonchura striata</i>	RE	G	LC	IV
112			Scaly-breasted Munia	<i>Lonchura punctulata</i>	RE	G	LC	IV
113			Tricolored Munia	<i>Lonchura malacca</i>	RE	G	LC	IV
114		Passeridae	House Sparrow	<i>Passer domesticus</i>	RE	G	LC	IV
115			Yellow-throated Sparrow	<i>Gymnoris xanthocollis</i>	RE	G	LC	IV
116			Western Yellow Wagtail	<i>Motacilla flava</i>	WM	I	LC	IV
117			Grey Wagtail	<i>Motacilla cinerea</i>	WM	I	LC	IV
118		Motacillidae	White-browed Wagtail	<i>Motacilla maderaspatensis</i>	RE	I	LC	IV
119			Paddyfield Pipit	<i>Anthus rufulus</i>	RE	I	LC	IV
120			Tawny Pipit	<i>Anthus campestris</i>	WM	I	LC	IV



Grey Francolin



Indian Peafowl



Cattle Egret



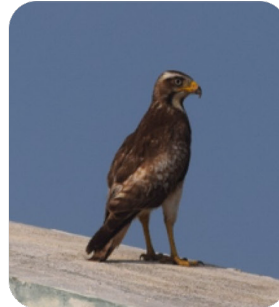
Indian Pond-Heron



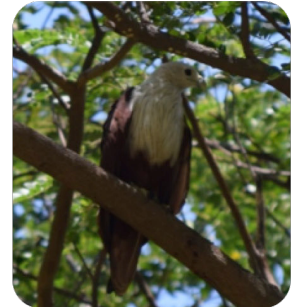
Black-winged Kite



Indian Spotted Eagle



White-eyed Buzzard



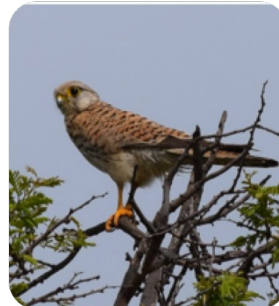
Brahminy Kite



Shikra



Booted Eagle



Eurasian Kestrel



Red-wattled Lapwing



Eurasian Collared-Dove



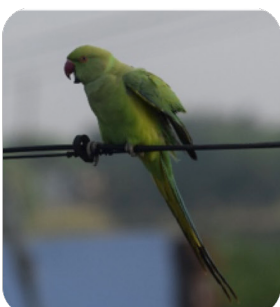
Laughing Dove



Spotted Dove



Chestnut-bellied
Sandgrouse



Rose-ringed Parakeet



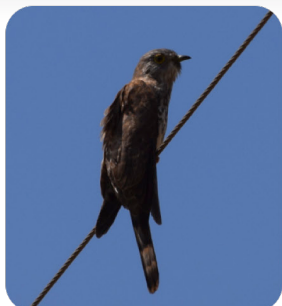
Southern Coucal



Blue-faced Malkoha



Pied Cuckoo



Common Hawk-Cuckoo



Indian Scops-Owl



Indian Eagle Owl



Alpine Swift



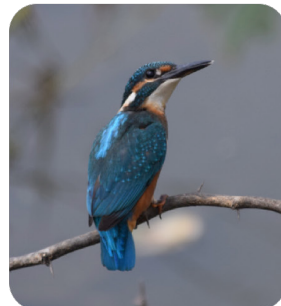
Asian Palm-Swift



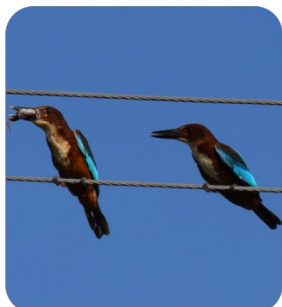
Eurasian Hoopoe



Indian Roller



Common Kingfisher



White-throated Kingfisher



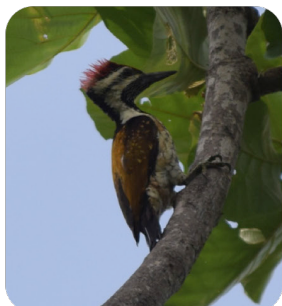
Green Bee-eater



Blue-tailed Bee-eater



Coppersmith Barbet



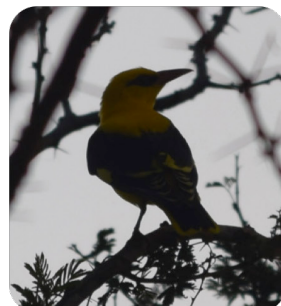
Black-rumped Flameback



Small Minivet



Black-headed Cuckooshrike



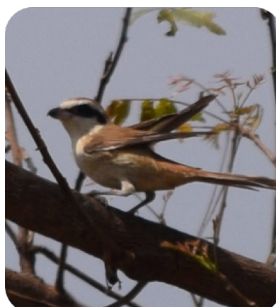
Indian Golden Oriole



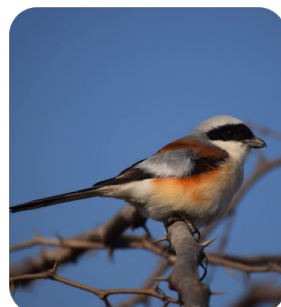
Black Drongo



Indian Paradise-Flycatcher



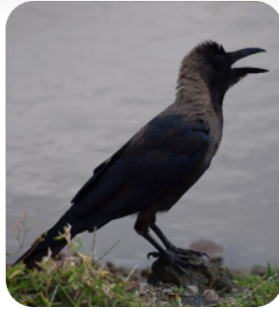
Brown Shrike



Bay-backed Shrike



Rufous Treepie



House Crow



Large-billed Crow



Barn Swallow



Jerdon's Bushlark



Oriental Skylark



Ashy Prinia



Plain Prinia



Large Grey Babbler



Yellow-billed Babbler



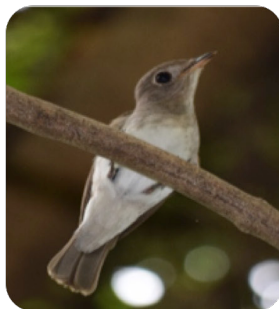
Brahminy Starling



Common Myna



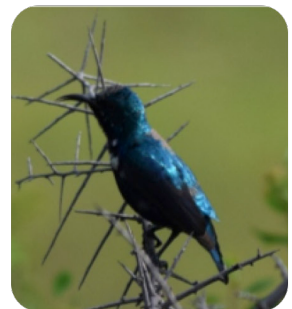
Lesser Whitethroat



Asian Brown Flycatcher



Indian Robin



Purple Sunbird



Baya Weaver



Indian Silverbill

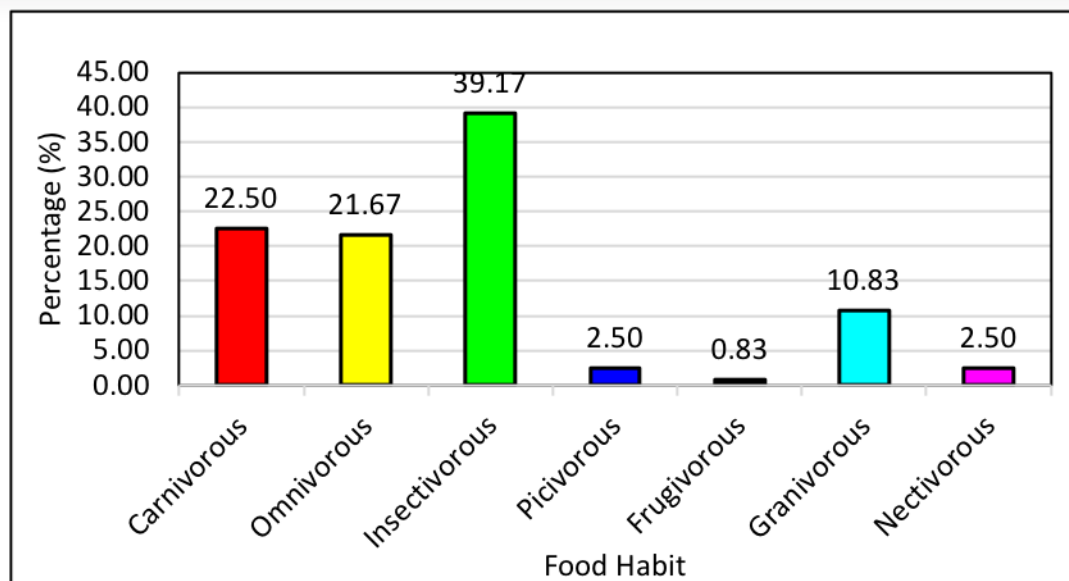


White-browed Wagtail



Paddyfield Pipit

All the images ©T. Siva



Food habitat and there percentage composition.

observations from the distance in order to avoid any disturbance to birds. The list was categorized as per the IUCN Red List, feeding habits and migratory status.

In the present study 120 species of birds were observed and recorded belonging to 19 orders and 48 families (Table 2). For a quick summary of species, family, and other compositional analyses, look up the Figures and Table.

The study revealed that the rich diversity of birds is attributable to habitat structure and geographical location of the campus. The area seems to provide diverse habitats for residential birds and a corridor for migratory birds.

References

- Bibby, C., M. Jones & S. Marsden (1998).** *Expedition Field Techniques: Bird Surveys*. Royal Geographical Society, London.
- Grimmett, R., C. Inskipp & T. Inskipp (2011).** *Birds of the Indian subcontinent*. Oxford University Press, New Delhi, 528 pp.

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