

**REVISED CONSERVATION PLAN FOR THE PROPOSED INDUSTRIAL PARK AT
MANALLUR BY STATE INDUSTRIES PROMOTION CORPORATION OF
TAMIL NADU LTD. (SIPCOT)**

Submitted to

State Industries Promotion Corporation of Tamil Nadu Limited (SIPCOT)



Salim Ali Centre for Ornithology and Natural History

South India Centre of Wildlife Institute of India,
Ministry of Environment, Forest and Climate Change, Govt. of India
Coimbatore - 641108, Tamil Nadu

August 2024



SACON Project Report PR#277

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EXECUTIVE SUMMARY

SIPCOT requested SACON to review and update the Conservation Plan prepared for the proposed Industrial Park at Manallur and Sooraipoondi Villages in Gummidipoondi Taluk, Tamil Nadu. In response, SACON reviewed the existing data and conducted a rapid biodiversity survey at the site, employing standard protocols for various taxa. We collated GWT data and our survey to prepare a comprehensive list of species for the site, including 531 plant species within the core and buffer areas, and 84 butterflies, 27 odonates, 167 marine & 16 freshwater fishes, 48 reptiles and amphibians, 275 bird species, and 14 mammals. Notably, several species recorded here are listed under IUCN threat categories and the Indian Wildlife (Protection) Act, including four major venomous snakes found in this region. A comprehensive conservation plan has been proposed, designed to meet the conservation needs of the region's biodiversity while considering the terrain and landscape. The plan aims to protect biodiversity within both the core and buffer zones of the project site. Key strategies include establishing artificial wetlands, green belt along the periphery, avenue plantations, butterfly gardens, and implementing long-term wildlife & wetland monitoring. These initiatives are intended to mitigate the environmental impact of the Industrial Park while supporting sustainable development in the area.

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- *Dr. S. Ramarajan,*
- *Administrative Officer & his team at SACON*
- *Finance Officer & his team at SACON*

(Authors)

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