

**ANALYSIS OF MIGRATORY SPOT-BILLED PELICANS AND PAINTED STORK  
HERONRY BIRDS POPULATION DENSITY AT TELINEELAPURAM, TEKKALI,  
SRIKAKULAM DT. ANDHRA PRADESH, INDIA**

**RAMA RAO K , SRAVANI P, ANIL D, RAMBABU S, KRUPARANI Y & JYOTHSNA K**

*Assistant Professor, Department. of Zoology, Govt. Degree & PG College, Tekkali, Srikakulam Dt. Affiliated to Dr. B. R.  
Ambedkar University, Andhra Pradesh, India*

**ABSTRACT**

*The` pelecanus philippensis and Mycteria leucocephala arrival and leaving secondary data were provide from 1992 to 2021 at Telineelapuram bird sanctuary. The Pelicans arrived from mid September to early October and left for end of April to May months. The Painted storks arrived from mid September to October ending and leave from May to June months. The Standard Deviation average values at 99.99% confidence level is the total number of both bird species  $289.89 \pm 58.98$  pairs was arrived and occupied  $29.22 \pm 3.99$  on different nesting trees for constructed nests. The total number of both bird species  $382.33 \pm 39.06$  pairs was arrived and occupied  $40.33 \pm 8.67$  on different nesting trees for constructed nests. The Pelicans were constructed nests average  $181.67 \pm 34.33$  and Painted storks constructed nests average  $200.67 \pm 49.84$  during 2001 to 2011. Pearson correlation coefficient is a measure of the strength of a linear association between two variables, where as the p-value tells us if the result of secondary data is statistically not significant. The results exhibit from 1992 to 2021 at every 10 years, the F probability null hypothesis for the full model is true for interpretation of the significance.*

**KEYWORDS:** Pelicans, Painted Storks, Standard Deviation, Pearson Correlation Coefficient, ANOVA, p-Value & F Ratio

**Received:** Feb 03, 2021; **Accepted:** Feb 23, 2021; **Published:** May 13, 2021; **Paper Id.:** IJZRJUN20214