

## LIST OF ABBREVIATIONS

|              |   |
|--------------|---|
| ANCOVA       | Analysis of Covariance  |
| ANOVA        | Analysis of Variance  |
| A.P          | Andhra Pradesh  |
| ASP          | Available Sum of Peaks  |
| cm           | Centimeter  |
| CMFRI        | Central Marine Fisheries Research Institute   |
| CPUE         | Catch per Unit Effort   |
| ELEFA N      | Electronic Length Frequency Analysis  |
| ESP          | Explained Sum of Peaks  |
| FAO          | Food and Agriculture Organization of the United Nation                                  |
| FAO-FIRA     | Food and Agriculture Organization of the United Nation-Foreign Investment Review Agency |
| FiSAT        | Fishery Stock Assessment Tools  |
| FRAD         | Fisheries Resources Assessment Division   |
| GaSI         | Gastro Somatic Index  |
| GSI          | Ganado Somatic Index  |
| H.O.D        | Head of the department  |
| HP           | Horse Power   |
| ICAR         | Indian Council of Agricultural Research   |
| ICLARM       | International Council for Living Resource and Management                                |
| K            | Growth co-efficient   |
| $L_{\infty}$ | Length Infinity   |
| $LM_{50}$    | Length at First Maturity at 50 percent  |
| LWR          | Length Weight Relationship  |
| m            | Meter   |
| mm           | Millimeter  |
| MSY          | Maximum Sustainable Yield   |
| NICRA        | National Initiative on Climate Resilient Agriculture                                    |
| PL           | Post larva  |
| SE           | Stander Error   |
| SST          | Sea Surface Temperature   |
| t            | Ton   |
| $t_0$        | Age at Zero length  |
| UT           | Union Territories   |
| $W_{\infty}$ | Weight Infinity   |
| ZSI          | Zoological Survey of India  |
| %            | Percent   |
| °C           | Degree Centigrade   |
| $\phi$       | Phi   |