

|                                 |                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Title:</b>                   | Selection of disease free sandalwood phenotypes with high heartwood and oil content from managed plantations and assess the impact of genetic variants on the targeted traits.                                                                                                                                                                    |
| <b>Principle Investigators:</b> | Dr. Modhumita Dasgupta, Scientist G                                                                                                                                                                                                                                                                                                               |
| <b>Co Investigators:</b>        | Dr. K.N. Ashrith, Scientist C<br>Mrs. K. Shanthi, Chief Technical Officer                                                                                                                                                                                                                                                                         |
| <b>Duration:</b>                | 2025 - 2028                                                                                                                                                                                                                                                                                                                                       |
| <b>Objectives</b>               | <ol style="list-style-type: none"> <li>1. Evaluation of managed sandalwood plantation for SSD (Sandal Spike Disease) resistance/ tolerance.</li> <li>2. Analysis of phenotypic and genotypic variability in heartwood and essential oil characteristics and selection of high yielding phenotypes from managed sandalwood plantations.</li> </ol> |
| <b>Funding Agency:</b>          | National Medicinal Plants Board                                                                                                                                                                                                                                                                                                                   |
| <b>Total Budget:</b>            | Rs. 37.976 lakhs                                                                                                                                                                                                                                                                                                                                  |

