

## PROJECT PROFILE

- Project Title** : **Evaluating genes of *Artemia* in *Eucalyptus* roots for enhancing salt tolerance**
- Principle Investigator** : Dr. Mathish Nambiar-Veetil, Scientist- F
- Co Investigators** : Dr. A. Balasubramanian, Research Officer
- Duration** : 3 Years (2020- 2023)
- Objectives**
1. Develop transformation constructs for heterologous expression of *Artemia* Na<sup>+</sup>, K<sup>+</sup> ATPase and ClC genes.
  2. Evaluate composite transgenics of *Eucalyptus* expressing *Artemia* Na<sup>+</sup>, K<sup>+</sup> ATPase and ClC genes in roots.
- Funding Agency** : SERB-Department of Science and Technology, GoI
- Total Budget** : Rs. 34.96 lakhs