

An executive summary of the work done on the Minor Research Project of Rajani Nayak M entitled.. "TAXONOMICAL AND TISSUE CULTURE STUDIES OF FERNS OF UDUPI AND DAKSHINA KANNADA DISTRICTS" sanctioned by the UGC, vide sanction letter number, MRP(S)-0120/12-13/KAMA002/UGC-SWRO, dated 23-sep-2013

*Write executive summary of the report:* Pteridophytes are comparatively less distributed than the angiosperms. Their count has been diminishing. There are very less taxonomical studies found on these groups of plants. Most of them are also found to be on the verge of being extint, while some of them are found to be endangered. Hence these plants are required to be protected. Tissue culture studies done during this project gives an idea that these plants do respond to the artificial media for callus formation. This also hints that the plant can show root and shoot formation if induced with specific concentration and ratio of the growth regulators. With further work done with these, results can be obtained. Improving the micro propagation method more accurately can help us increase the count of plants in nature. Diminishing of these groups of plants can be reduced or compensated to certain extent.