13. CONCLUSION

- The present study provides reliable diagnostic features for the identification of the two species, *Stereospermum colais* and *Stereospermum suaveolens*.

- Phytochemical studies revealed that the lapachol (a naphthoquinone) content was high in *Stereospermum colais* than *Stereospermum suaveolens* which may attribute for the pharmacological activity of the plant.

- From this study it is concluded that *Stereospermum colais* is more potent than *Stereospermum suaveolens* pertaining to the anti-arthritic potential.

FUTURE PERSPECTIVES

- Determination of safety profile of the effective extracts.

- Isolation and evaluation of anti-arthritic potential of lapachol besides safety studies of the same.

- Development of a suitable formulation for arthritis