### SIXTH SEMESTER INTEGRATED BOTANY STUDENT PROJECT (2022-2023)

### Group I

Topic: Impact of herbicide on Azolla and Anabeana association Supervising Teacher: Dr. Janeeshma E

Group Members

- 1. MUHAMMED FIYAS N M
- 2. FATHIMA WAFA A
- 3. HAMNA SAINA AP
- 4. RANIYA K
- 5. ISMATH, P

#### Group II

Topic: Micro morphological modifications in Chromolaena sp.under air pollution Supervising Teacher: Sruthi Mohan C.K.

Group Members

- 1. RINSHA T
- 2. ARYA K.P.
- 3. AVANI
- 4.AYSHA JINSHA P

#### Group III

Topic: PRELIMINARY STUDIES ON FLORA OF RAYIRNELLUR HILLS,. PALAKKAD, KERALA

Supervising Teacher: Dr. Abdul Faisal P

Group Members

- 1. KAVYA A
- 2. ANSITHA
- 3. SAMIYYABI.E
- 4. FASLA

#### Group IV

Topic: Effects of different Levels of salinity in the germination and Early Seedling Growth of Cow pea Varieties.

Supervising Teacher: Ragitha A V

Group Members

- 1. ARSHAK MUHAMMED ANJUM
- 2. AYISHA AJNA
- 3. SHANA
- 4. RANIYA K K
- 5. VYSHNAVI





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### CERTIFICATE

On Azolla-Anabaena symbiosis submitted to the University of Calicut by FATHIMA WARAIN partial fulfilment of the requirement for the award of the Degree of Master of Science in Botany With Computational Biology is a bonafide record of the research work accomplished by her under my supervision, and no part of this work has formed the basis for the award of any other Degree or Diploma previously.

Dr. Janeeshma E. Research Supervisor



Dr. Janeeshma E. Head of the Department

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### CERTIFICATE

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Certified that this dissertation entitled "A study on the antibacterial activity of Pennisorum polystachion (L.) Schult. against Escherichia coli and Staphylococcus aureus" submitted in the University of Calicut by RIN SHO. T. in partial fulfilment of the requirement for the award of the Degree of Master of Science in Botany With Computational Biology is a besta-fide record of the research work accomplished by her under my supervision, and no part of this work has formed the basis for the award of any other Degree or Diploma previously.

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Certified that this dissertation entitled "A study on the antibacterial activity of Pennisetum polystachion (L.) Schult. against Escherichia coli and Staphylococcus aureus" submitted to the University of Calicut by ARYA. K.P... in partial fulfilment of the requirement for the award of the Degree of Master of Science in Botany With Computational Biology is a bona-fide record of the research work accomplished by her under my supervision, and no part of this work has formed the basis for the award of any other Degree or Diploma previously

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germination and early seedling growth of cow pea variety Kanakamani submitted to the University of Calicut by Again Marker of Science in Botany With Computational Biology is a bona-fide record of the research work accomplished by her under my supervision, and no part of this work has formed the basis for the award of any other Degree or Diploma previously.

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Certified that this dissertation entitled "A study on the antibacterial activity of Pennisetum polystachion (L.) Schult. against Escherichia coli and Staphylococcus aureus" submitted to the University of Calicut by A.Y.SHA. J.IMSHA in partial fulfilment of the requirement for the award of the Degree of Master of Science in Botany With Computational Biology is a bonafide record of the research work accomplished by her under my supervision, and no part of this work has formed the basis for the award of any other Degree or Diploma previously.

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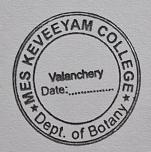
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### CERTIFICATE

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Certified that this dissertation entitled 'PRELIMINARY STUDIES ON FLORA OF RAYIRANELLUR HILLS, PALAKKAD, KERALA' submitted to the University of Calicut by Ms. SAMIYYABI.E. in partial fulfillment of the requirement for the award of the Degree of Master of Science in BOTANY WITH COMPUTATIONAL BIOLOGY is a bona-fide record of the research work accomplished by his under my supervision, and no part of this work has formed the basis for the award of any other Degree or Diploma previously.

Dr. Abdul Faisal P
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