

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. SAMIYYABLE
4. FASLA

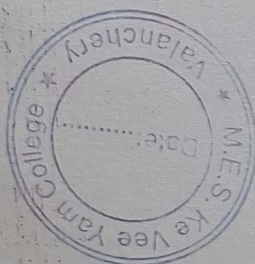
**Group IV**

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

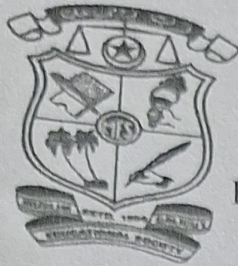
1. ARSHAK MUHAMMED ANJUM
2. AYISHA AJNA
3. SHANA
4. RANIYA K K
5. VYSHNAVI



Dr. Janeeshma E

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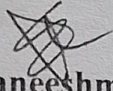


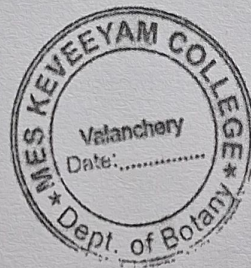
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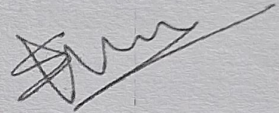
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## CERTIFICATE

Certified that this dissertation entitled **Functional implications of pesticide toxicity on *Azolla-Anabaena* symbiosis** submitted to the University of Calicut by **FATHIMA WAFI** 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.

  
**Dr. Janeeshma E.**  
Research Supervisor



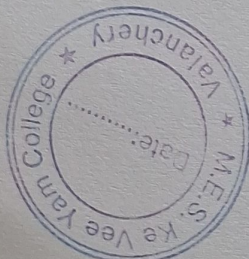
  
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Head of the Department

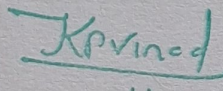
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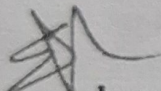
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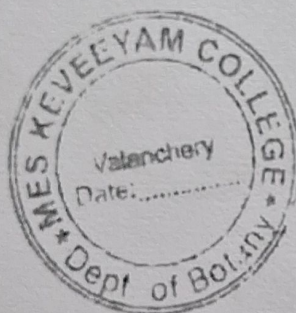
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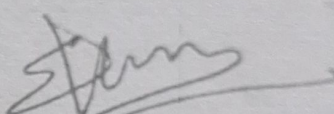
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Certified that this dissertation entitled **Functional implications of pesticide toxicity on *Azolla-Anabaena* symbiosis** submitted to the University of Calicut by **HAMNA SAINA** in partial fulfilment of the requirement for the award of the Degree 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.

  
**Dr. Janeeshma E.**  
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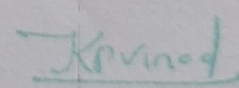
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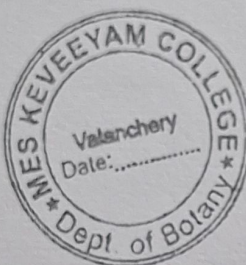
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Dr. Janeeshma E.  
Research Supervisor



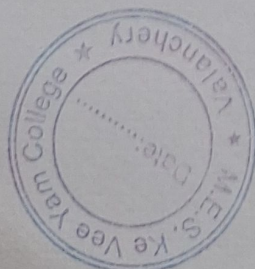
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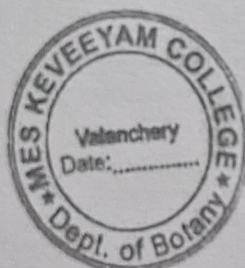
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## CERTIFICATE

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 RINSHA T 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 her under my supervision, and no part of this work has formed the basis for the award of any other Degree or Diploma previously.

Ms. Sruthi Mohan C K  
Research Supervisor



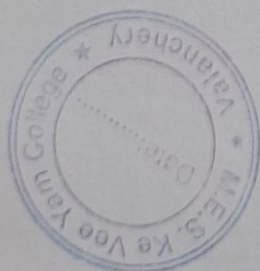
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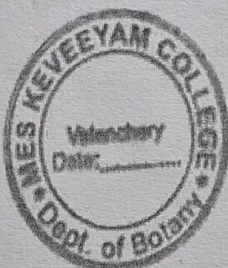
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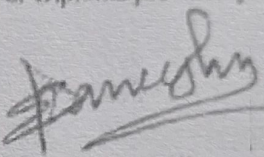
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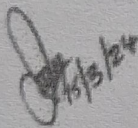
  
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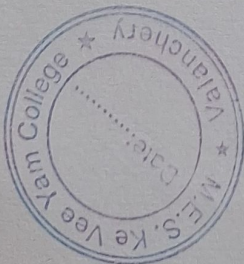
  
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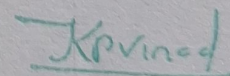
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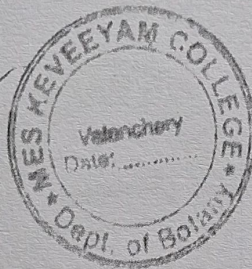
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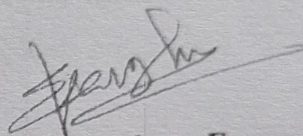
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Miss. Ragitha AV.  
Research Supervisor



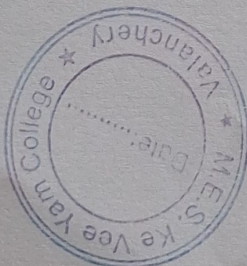
  
Dr. Janeeshma E.  
Head of the Department

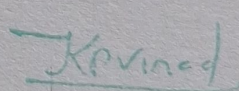
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


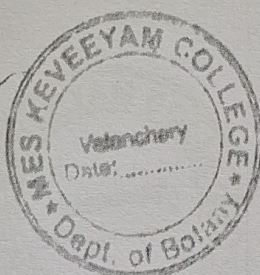
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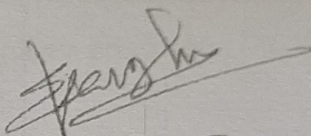
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**Miss. Ragitha AV.**  
**Research Supervisor**



  
**Dr. Janeeshma E.**  
**Head of the Department**

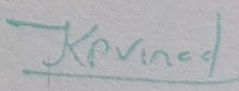
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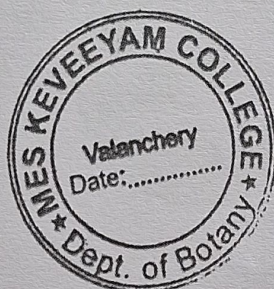
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Ms. Sruthi Mohan C K  
Research Supervisor



Dr. Janeeshma E.  
Head of the Department

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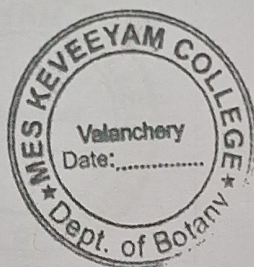
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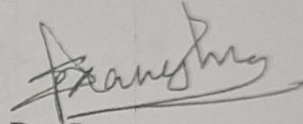
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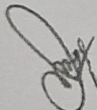
  
Miss. Ragitha A.V.  
Research Supervisor



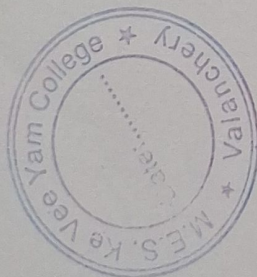
  
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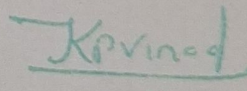
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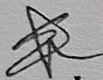


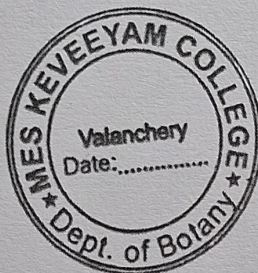
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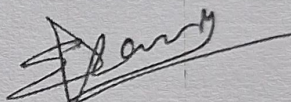
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**Dr. Janeeshma E.**  
Research Supervisor



  
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Head of the Department

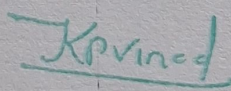
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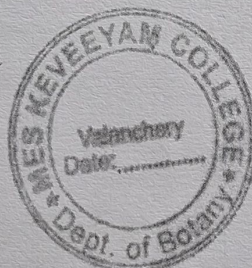
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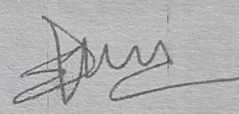
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Miss. Ragitha AV.  
Research Supervisor



  
Dr. Janeeshma E.  
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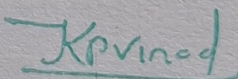
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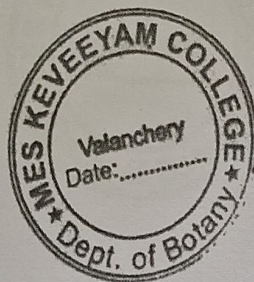
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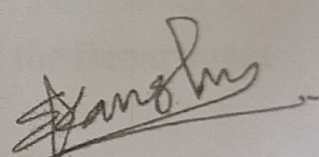
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Certified that this dissertation entitled 'PRELIMINARY STUDIES ON FLORA OF RAYIRANELLUR HILLS, PALAKKAD, KERALA' submitted to the University of Calicut by Ms. SAMIYYABIE, in partial fulfillment of the requirement for the award of the Degree of Master of Science in BOTANY WITH COMPUTATIONAL BIOLOGY is a *bona-fide* record of the research work accomplished by him 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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Research Supervisor



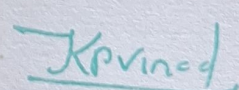
  
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


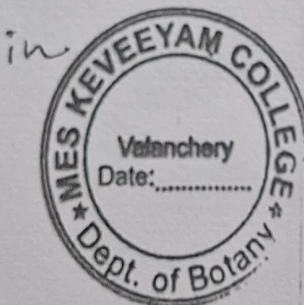
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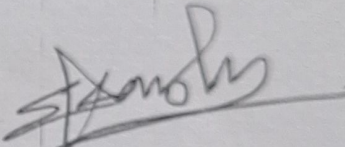
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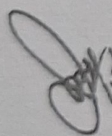
  
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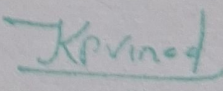
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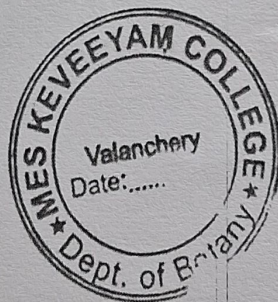
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Certified that this dissertation entitled 'PRELIMINARY STUDIES ON FLORA OF RAYIRANELLUR HILLS, PALAKKAD, KERALA' submitted to the University of Calicut by Ms. ANSITHA. in partial fulfillment of the requirement for the award of the Degree of Master of Science in BOTANY WITH COMPUTATIONAL BIOLOGY is a *bona-fide* record of the research work accomplished by him 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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Research Supervisor



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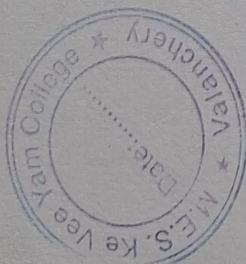
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