



**DEPARTMENT : ZOOLOGY- BOTANY**

**ACTIVITY : HANDS-ON TRAINING**

**YEAR : 2023-2024**

**DEPARTMENT OF ZOOLOGY- BOTANY**

| DATE                                    | TIME   | VENUE                 |
|---|--|-----------------------|
| 15.09.2023                              | 10:00 a.m.<br>to<br>12:00 noon   | Garden Area<br>EMGYWC |
| <b>Theme</b>                            | Skill Development Programme  |                       |
| <b>Nature of the Activity</b>           | Hands-On Training  |                       |
| <b>Title</b>                            | Construction of an Azolla Cultivation Unit   |                       |
| <b>Convener<br/>&amp;<br/>Organiser</b> | <b>Dr.(Mrs.)G. Indira Rani</b><br>Head & Associate Professor of Zoology<br><b>Dr.V.Vijaya</b><br>Assistant Professor of Botany<br>EMGYWC                                 |                       |
| <b>Resource Person</b>                  | <b>Dr. Rajesh Nalliah M.Sc., Ph.D</b><br>Managing Trustee,<br>Yeran Foundation<br>Madurai<br><b>Ms.A.Poornam,</b><br>Secretary Trustee, Yeran Foundation<br>Madurai - 11 |                       |
| <b>Collaborating Agency</b>             | <b>Academic Collaboration (MoU)</b><br>YERAN Foundation, Madurai   |                       |
| <b>No. of Beneficiaries</b>             | <b>Students - 22</b>   |                       |

**HANDS-ON TRAINING "CONSTRUCTION OF AN AZOLLA CULTIVATION UNIT"**

The E.M.G. Yadava Women's College, in collaboration with the YERAN Foundation, conducted a hands-on training program on the construction of an Azolla cultivation unit.

**Objective:**

1. To educate students on the construction and maintenance of Azolla units.

2. To promote sustainable agricultural practices and impart practical knowledge to students about the cultivation and benefits of Azolla, a highly nutritious and eco-friendly bioresource.
3. To highlight the economic and ecological benefits of Azolla cultivation.
4. To provide hands-on experience and practical skills in sustainable agricultural practices.

#### **Details of the Event:**

The training program was conducted at the college campus. Students were introduced to Azolla, a floating aquatic fern with high nutritional value, particularly in animal feed and soil fertility improvement. The YERAN Foundation's experts guided the students through the step-by-step process of constructing the Azolla unit. The training included:

1. Identifying suitable locations and resources for setting up the Azolla unit.
2. Hands-on activity involving the construction of the cultivation bed with proper lining and soil preparation.
3. Demonstration of introducing Azolla into the unit and maintaining water levels.
4. Guidance on regular upkeep, such as nutrient addition, pest management, and harvesting methods.

#### **Programme Outcome:**

1. Students gained practical knowledge and skills in constructing and maintaining Azolla units.
2. Increased awareness of Azolla's role in sustainable agriculture, particularly as an affordable and eco-friendly biofertilizer and animal feed.
3. Motivation to adopt and advocate for Azolla cultivation as a sustainable practice in local communities.
4. Strengthened collaboration between the college and the YERAN Foundation in promoting environmental and agricultural awareness.

The hands-on training on Azolla cultivation was highly beneficial to the students, equipping them with the knowledge and skills required for sustainable agricultural practices. The program fostered a sense of responsibility toward environmental conservation and highlighted the importance of Azolla in addressing food security challenges. The successful completion of the Azolla unit at E.M.G. Yadava Women's College stands as a model for eco-friendly and innovative practices in agriculture.

The organisers extend their gratitude to the YERAN Foundation for their support and expertise in making this initiative a success.

Photographs:





**The E.M.G. Yadava Women's College, in collaboration with the YERAN Foundation, conducted a hands-on training program on "The Construction of an Azolla Cultivation Unit" 15.09.2023**

**Enclosures:**

**a. Invitation:**

**b. Nominal Roll of the Participants:**

|  <b>E.M.G. YADAVA WOMEN'S COLLEGE, MADURAI – 625 014.</b><br>(An Autonomous Institution – Affiliated to Madurai Kamaraj University)<br>Re-accredited (3 <sup>rd</sup> Cycle) with Grade A* and CGPA 3.51 by NAAC |         |                    |                  |
|---|---------|--------------------|------------------|
| Hands-On Training "Construction of an Azolla Cultivation Unit" 15.09.2023   |         |                    |                  |
| SL.NO.  | REG.NO. | NAME               | DEPARTMENT       |
| 1.  | 21Zoo01 | S. Aariya          | III BSc. Zoology |
| 2.  | 21Zoo02 | P. Abinaya         | III BSc. Zoology |
| 3.  | 21Zoo03 | M. Archana         | III BSc. Zoology |
| 4.  | 21Zoo04 | R.S. Bavadharani   | III BSc. Zoology |
| 5.  | 21Zoo05 | J. Bhavani         | III BSc. Zoology |
| 6.  | 21Zoo06 | B. Bhuvaneshwari   | III BSc. Zoology |
| 7.  | 21Zoo07 | M. Bhuvaneshwari   | III BSc. Zoology |
| 8.  | 21Zoo08 | R. Deevika         | III BSc. Zoology |
| 9.  | 21Zoo09 | S. Dhivika         | III BSc. Zoology |
| 10.   | 21Zoo10 | K. Divyadharshini  | III BSc. Zoology |
| 11.   | 21Zoo12 | K. Karthikai Selvi | III BSc. Zoology |
| 12.   | 21Zoo13 | M. Kavitha         | III BSc. Zoology |
| 13.   | 21Zoo14 | M. Kaviya          | III BSc. Zoology |
| 14.   | 21Zoo15 | M. Mahalakshmi     | III BSc. Zoology |
| 15.   | 21Zoo16 | M. Monica          | III BSc. Zoology |
| 16.   | 21Zoo18 | M. Pragathy        | III BSc. Zoology |
| 17.   | 21Zoo19 | S. Revathi         | III BSc. Zoology |
| 18.   | 21Zoo21 | S. Saranya         | III BSc. Zoology |
| 19.   | 21Zoo22 | T.Seetha           | III BSc. Zoology |
| 20.   | 21Zoo24 | M. Shalinipriya    | III BSc. Zoology |
| 21.   | 21Zoo25 | S. Swetha          | III BSc. Zoology |
| 22.   | 21Zoo26 | T. Thiruvani       | III BSc. Zoology |

  
Coordinator:

  
Principal  
PRINCIPAL I/C  
E.M.G. YADAVA WOMEN'S COLLEGE  
MADURAI-625 014

ACADEMIC COLLABORATION: MoU



தமிழ்நாடு தமிழ்நாடு TAMILNADU

09 APR 2022

E.M.G. Wangala கணேசி கங்கா  
குமாரி

T. Manohar Brarale  
T. சீமைசுமரத்  
முத்தையாத்தாள் வீடு, பழையமேட்டில்  
18/3, எழில் சாலை,  
GanaGeo கோடு, மதுரை-2  
RC. No. 1761 / E 17-1



MEMORANDUM OF UNDERSTANDING

Between



E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE,  
New Natham Road, Thirupplai,  
Madurai - 625014.

&






YERAN FOUNDATION, MADURAI, TAMIL NADU, INDIA  
No. 74, Ramaiah Street, Jaihindpuram, Madurai - 625011.

information it considers to be confidential or proprietary to the other Party, the Parties will enter into a written non-disclosure agreement.

#### 5. DURATION

This MoU is signed on this day 11.04.2022 between the, E.M. Gopalakrishna Kone Yadava Women's College and The YERAN Foundation, Madurai. This MoU shall be effective for a period of 3 years (11.04.2022 to 10.04.2025) from the date of signing. It may be modified or extended by mutual written agreement by the parties. This MoU may be terminated by either party upon THREE (3) months' advances with written notice. In witness thereof, the parties hereto signed this agreement to be executed as, on the day, month and year indicated below:


  
Signature of the Managing Director  
**THE YERAN FOUNDATION**  
MADURAI  
**For Yeran Foundation**  
 Official Seal  
Managing Trustee

  
Signature of the Principal  
E.M.GOPALA KRISHNA KONE  
YADAVA WOMEN'S COLLEGE  
MADURAI  
E.M.G. YADAVA WOMEN'S COLLEGE  
Official Seal

Date :11.04.2022  
Place: Madurai.

Date : 11.04.2022  
Place: Madurai.

Witness

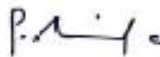
1.   
[POORNAM . S]  
Trustee, Yeran Foundation  
Madurai.

2.

Witness

1.   
Dr. V. Vijaya  
Assistant Professor of Botany  
IQAC Coordinator

2.

  
Dr.P.Vidhya  
Assistant Professor,  
Head, Department of Mathematics  
MoU Coordinator