

# LADY DOAK COLLEGE, MADURAI

(An Autonomous institution affiliated to Madurai Kamaraj University)

“College with Potential for Excellence”



## DEPARTMENT OF BIOTECHNOLOGY

### WEBS & SIBS CLUB

**Women Evolving Biological Sciences &  
Scholars Invoking Biological Sciences**



## ANNUAL REPORT

2016-2017

This is the report of the academic club “WEBS AND SIBS CLUB” of Department of Biotechnology. The club office bearers for the academic year 2016-2017 were elected on “19<sup>th</sup> March, 2016”. The club office bearers were:

**WEBS CLUB:**

President: M.Thenmozhi - III UG (14BTYE045)

Secretary: M. SakthiMeena - II UG (15BTYE039)

Club Representative: Fathima Shafeeka M. (15BTYE015)

**SIBS CLUB:**

President: G.Agasta - II PG (15PBTE01)

Secretary: M. Vidhya I PG (16PBTE22)

Treasurer: R. Abinaya – I PG (16PBTE01)

This club consists of four houses:

1. Barbara McClintock
2. Margaret Dayhoff
3. Rosalyn Yalow
4. Rosalind Franklin

# Barbara McClintock



I UG	II UG	III UG
<ol style="list-style-type: none"><li>1. Aarthya A R</li><li>2. Dayanadevi A</li><li>3. Geetha .A</li><li>4. Jeyanthi.S</li><li>5. Mahalakshmi M</li><li>6. Padmaja K.B</li><li>7. Renugadevi M</li><li>8. Saravanajothi A</li><li>9. Sofia Evangeline L</li><li>10.Keerthana</li></ol>	<ol style="list-style-type: none"><li>1. Abirami.R</li><li>2. Anshiya A</li><li>3. Denisha A.</li><li>4. Fathima Shafeeka M.</li><li>5. Harshitha R.</li><li>6. Madhumitha.B</li><li>7. Nivethitha.N</li><li>8. Raga niyanthri.R</li><li>9. Rizvana Parvin.P</li><li>10. Swetha.A.K</li></ol>	<ol style="list-style-type: none"><li>1. Alphiya Ibrahim</li><li>2. Bareera Siraj B.</li><li>3. Dhivya R.</li><li>4. Harsritha S.</li><li>5. Kothai Vishali M.</li><li>6. Mangayarkarasi N.</li><li>7. Nivetha S.</li><li>8. Ramya P.</li><li>9. Sangeetha Thiruthuva Rani</li><li>10. Soundarya K.</li><li>11. Thenmozhi M.</li></ol>

# Margaret Dayhoff



I UG	II UG	III UG
<ol style="list-style-type: none"><li>1. Askar Nisha .P</li><li>2. Devipriya Nisha P</li><li>3. Janani A</li><li>4. Lydia D</li><li>5. Nivashini D</li><li>6. Rajeswari B</li><li>7. Saranya. K</li><li>8. Shruthi D</li><li>9. Suguna K</li><li>10. Divyabharathi</li></ol>	<ol style="list-style-type: none"><li>1. Abirami S.</li><li>2. Anu Varsha C.</li><li>3. Dharani K</li><li>4. Geetanjali R</li><li>5. Hema V.R.</li><li>6. Marinagarani.M</li><li>7. Pooja.K</li><li>8. Rajalakshmi.N</li><li>9. Sakthi Meena.M</li><li>10. Vishakanandhini.S.B</li></ol>	<ol style="list-style-type: none"><li>1. Aparna.J</li><li>2. Bhagya Sri S.</li><li>3. Dhyana S</li><li>4. Indumathi G.</li><li>5. Kowsalya K.</li><li>6. Manisha M.</li><li>7. Pandi Nandhini J.</li><li>8. Ravina V.</li><li>9. Sangeetha.R.R</li><li>10. Sowtha Mariyam A.</li><li>11.Thuvaraka T.</li></ol>

# Rosalyn Yalow



I UG	II UG	III UG
<ol style="list-style-type: none"><li>1. Amrita R</li><li>2. Devibala N</li><li>3. Iswariya G.</li><li>4. Kiruba</li><li>5. Nifasathjahan</li><li>6. Rajalakshmi D</li><li>7. Sanobar Fathima A</li><li>8. Shree Harini K</li><li>9. Subashini M</li><li>10. Priyadharsini</li></ol>	<ol style="list-style-type: none"><li>1. Affrene Banu A</li><li>2. Athulya G.S.</li><li>3. Dhivya Lakshmi V</li><li>4. Goutame L</li><li>5. Humera Khathun. AH</li><li>6. Mathana Kavi.V</li><li>7. Poojalakshmi.G</li><li>8. Renita.R</li><li>9. Shanmuga Priya.J</li><li>10. Rasika.M</li></ol>	<ol style="list-style-type: none"><li>1. Arunadevi J.</li><li>2. Bhuvaneswari M.</li><li>3. Divya D.</li><li>4. Inimai Uttharathara</li><li>5. Krithiga R.</li><li>6. Monica K.</li><li>7. Praisly Mizpah D.</li><li>8. Roheeni T.</li><li>9. Sherin Jose</li><li>10. Supraja K.R.B.</li><li>11. Umamahoro Annick</li></ol>

# Rosalind Franklin



I UG	II UG	III UG
<ol style="list-style-type: none"><li>1. Agsanaa M</li><li>2. Devaki Meena R</li><li>3. Harsita Devi J K</li><li>4. Kamali A</li><li>5. Monica M</li><li>6. Vishnu Priya R</li><li>7. Richa P Mehta</li><li>8. Shabira Banu A</li><li>9. Sowmiya N</li><li>10. Yoga dharshana.K</li></ol>	<ol style="list-style-type: none"><li>1. Anitha S</li><li>2. Beauty Christina J.</li><li>3. Farhana Shereen S</li><li>4. Haritha R</li><li>5. Lakshmi Priya.M</li><li>6. Monica.G</li><li>7. Priya.S</li><li>8. Reshmi.N.K</li><li>9. Sneha.S</li></ol>	<ol style="list-style-type: none"><li>1. Aysha Thasfika. S.</li><li>2. Deebika S P</li><li>3. Hageera Begam J.</li><li>4. Jegadeeswari M.</li><li>5. Lavanya L.</li><li>6. Nasrin Banu.T.M</li><li>7. Priya Dharshini V.</li><li>8. Sangavi S.</li><li>9. Shruthi Mahalakshmi KR.</li><li>10. Tharani N.S.</li><li>11. Vanathi V.</li></ol>

## SIBS CLUB MEMBERS

<b>BARBARA MCCLINTOCK</b>	<b>MARGARET DAYHOFF</b>	<b>ROSALYN YALLOW</b>	<b>ROSALIND FRANKLIN</b>
<ol style="list-style-type: none"><li>1. Agasta G</li><li>2. Karthika R</li><li>3. Abinaya R</li><li>4. Durga Devi.J</li><li>5. Jenifer Nisha A</li><li>6. Rahila Fathima M</li><li>7. Shajitha Bagem J</li></ol>	<ol style="list-style-type: none"><li>1. Saranya P</li><li>2. Thejomayah G</li><li>3. Arshee A</li><li>4. Gayathri S</li><li>5. Kanmani C.</li><li>6. Ramya M</li><li>7. Sharmila MS</li><li>8. Vigneshwari S</li></ol>	<ol style="list-style-type: none"><li>1. Nachammai S</li><li>2. Arshul Aleem Fathima</li><li>3. Harsha Ganesan</li><li>4. Mary Jenifer L</li><li>5. Saji shree V</li><li>6. Thanga Rojaa S.</li><li>7. Yazhlini Priyadharsini M</li></ol>	<ol style="list-style-type: none"><li>1. Rajshanmathy A</li><li>2. Divya S</li><li>3. Iswarya R</li><li>4. Preethi Jenifer A.</li><li>5. Sangavi M</li><li>6. Saraswathi K</li><li>7. Vidhya M</li></ol>

## WEBS Club's Annual plan

S.No	Date	Activity	Theme of the event
1.	13.07.2016	Club Inauguration	-
2.	25.07.2016	Advising hour	-
3.	02.08.2016	Talent show, art from waste, vegetable carving	Go-Green
4.	05.08.2016	Selection of house captains and vice captains	-
5.	17.08.2016	Word hunt & pencil sketching	Revolution of GMOs
6.	29.08.2016	Quiz & Rangoli	Microbial world
7.	30.08.2016	Advising hour	-
8.	7.09.2016	Guest Lecture by Dr.Shalini	Mitochondrial autophagy in the development of aminodarone induced pulmonary fibrioids
9.	19.09.2016	Connexion & bio- puzzle	Biotech for the future
10.	3.10.2016	Poster presentation	Conserve the wildlife
11.	27.01.2016	Guest Lecture by Dr.Radhika Pothi	Global analysis of translational gene regulation in <i>Mycobacterium tuberculosis</i> .



## SIBS Club's Annual Plan

S.no.	Date	Activity of the day	Theme of the Event
1	13.07.16	Club Inauguration	-
2	25.07.16	Advising Hour	-
3	16.08.16	Research article presentation	Recent Developments in Biotechnology
4	30.08.16	Advising Hour	-
5	07.09.16	Guest lecture by Dr.Shalini	Mitochondrial autophagy in the development of aminodarone induced pulmonary fibrioids
6	27.01.17	Guest lecture by Dr.Radhika Pothi	Global analysis of translational gene regulation in <i>Mycobacterium tuberculosis</i>
7	06.03.17	Pencil Sketching	Bioinnovation
8	07.03.17	Fireless cooking	Healthy Foods
9	17.03.17	Memory Game, Puzzle, Quiz, Dumpchardes, Connection	The world of Biotechnology

The club started functioning actively from the Senior's Farewell on April 6, 2016. We have conducted games for the seniors, got reflections and performance of our juniors.

The Orientation for I UG students was organized on June 20, 2016. Our department alumnae Ms. J. Jennifer Grace, Research scholar, Department of Biotechnology, Ms. P. Adithya, Research scholar, Madurai Kamaraj University,

Ms. Uma Devi, Research scholar, Department of Biotechnology gave a talk to the freshers about the department and the scope of biotechnology.

We embarked on this exciting club activity with a bash by welcoming the freshers on June 21, 2016. We gave a small introduction about the department faculty and skits, power point presentation about training and scopes of Biotechnology by our seniors.

The WEBS & SIBS CLUB was inaugurated on July 13, 2016 for the academic year 2016-17. The Chief Guest Mrs. Venilla (HR in Arokyia Trust) gave a lecture about the problems faced during the adolescence age and how to face them. The actual face of the society and the people in the work place was explained. A small activity was conducted related to the time management in day-to-day life and prioritizing the work was implied.



## **EVENTS:**

1. The club activity on August 2, 2016:

TOPIC: “GO GREEN”

- Art from waste
- Vegetable carving
- Essay and poem writing



2. August 5, 2016:

Selection of Captains and Vice-Captains for the houses

- **Barbara McClintock**  
Captain- S.Sangeetha Thiruthuva Rani (III UG)  
Vice-Captain- M. Renuga Devi (I UG)
- **Margret Dayhoff**  
Captain – Manisha.M (III UG)  
Vice-Captain – Geethanjali (II UG)
- **Rosalyn Yalow**  
Captain – R.Krithiga (III UG)  
Vice-Captain – Kiruba (I UG)

- **Roslind Franklin**

Captain – V.Priyadharshini (III UG)

Vice-Captain – Farhana Shereen (II UG)

3. on August 17, 2016:

TOPIC: “REVOLUTION OF GMO’S”

- Pencil sketching
- Word hunt
- 



4. August 18, 2016:

Meeting with house captains and vice-captains for the effective maintenance of notice board.

5. August 29, 2016:

TOPIC: “ROLE OF MICRO-ORGANISMS IN OUR LIFE”

- Quiz
- Rangoli



6. September 19, 2016:

TOPIC: "BIOTECH FOR THE FUTURE"

- Crossword puzzle
- Connections



7. on October 3, 2016:

TOPIC: "CONSERVATION OF WILDLIFE"

- Poster presentation



## **GUEST LECTURES:**

1. On September 7,2016:

Guest speaker: Dr. Shalini Venkatesh

Topic: “Mitochondrial autophagy in the development of amiodarone induced pulmonary fibrosis”



2. On January 27,2017:

Guest speaker: Dr. Radhika Pothi

Topic: “Global analysis of translational gene regulation in *Mycobacterium tuberculosis*, *Mycobacterium bovis* (BCG) and *Streptomyces coelicolor*”



Apart from the events and guest lectures the students were made involved in maintaining the notice board with creative articles, newspaper cuttings, creativity of the students, general knowledge information and so on. The articles were put up on the notice board in a cyclic manner, the articles were changed weekly. Meanwhile, the articles were evaluated by the House captains and filed.

### **National science day:**

February 28, 2017 was celebrated as “National science day” the students and faculty of the Science departments organized a science fair “Science and Technology for Specially abled persons”. It was an interesting day in which many students were actively involved, they demonstrated many projects and conducted many games. The students became a teacher for the disabled students, they taught basic science for their level in a new way of understanding.



## **WEBS CLUB Prize winners:**

### **WINNERS for the events on “GO-GREEN’**

#### **Art from Waste**

I PRIZE – Padmaja K.B. & Sofia Evangeline

II PRIZE – Nasrin Banu.T.M & Jegadeeshwari.M



#### **Vegetable carving**

I PRIZE – Deebika.S.P. & Tharani N.S.

II PRIZE – Krithiga.R & Monica K.





### **Essay writing**

I PRIZE – Renuga Devi M.

II PRIZE – Shruthi D.

### **Poem writing**

I PRIZE – B.Bareera Siraj

II PRIZE – M.Manisha

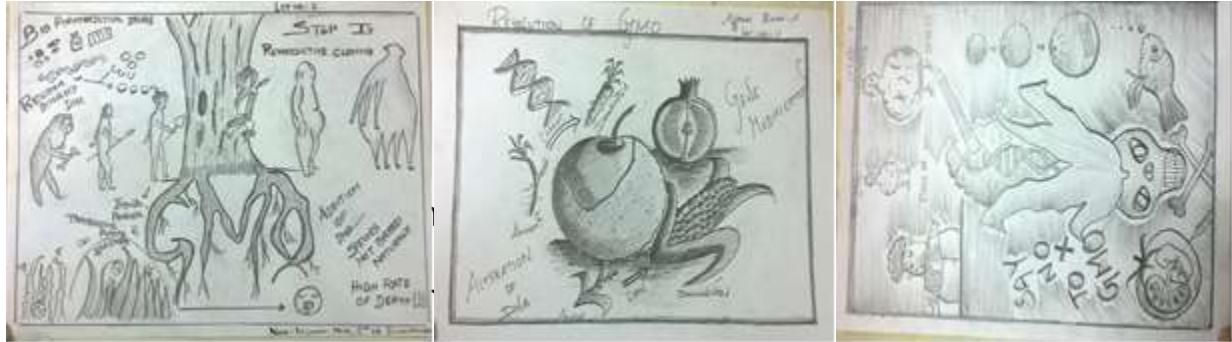
## **WINNERS for the events on “Revolution of GMOs”**

### **Pencil Sketching**

I PRIZE – Affrene Banu A.

II PRIZE – Lakshmi Priya M.

III PRIZE - Tharani N.S.



## WINNERS for the events on “Microbial World”

### Quiz

I PRIZE –Humera Khathun A.H. & Affrene Banu A

II PRIZE – Manisha M. & R.R. Sangeetha

### Rangoli

I PRIZE – Tharani N.S & Deebika S.P.

II PRIZE – Marinagarani.M & Dharani.K

III PRIZE – Farhana Shereen S & Anitha S



## **WINNERS for the events on “Biotech-for the future”**

### **Connexions**

I PRIZE –Bareera Siraj B., Thenmozhi M., Sangeetha Thiruthuva Rani.S

II PRIZE – Krithiga R., Monica.K, Roheeni T.

III PRIZE- Priya Dharshini V., Lavanya L., Jegadeeswari M.

### **Crossword puzzle**

I PRIZE – Nasrin Banu.T.M, & Deebika S.P.

II PRIZE – Manisha M., Sangeetha.R.R

III PRIZE – Dhivya R., Harsritha S.

## **WINNERS for the Poster presentation on “Conserve the wildlife”**

I PRIZE – Tharani N.S. & Deebika S. P.

II PRIZE – Shruthi. D & Lydia D.

III PRIZE - Affrene Banu. A & Athulya G.S.



## **SIBS CLUB - WINNERS LIST**

### **PENCIL DRAWING**

1st Prize - M.YAZHINI PRIYADHARSHINI

2nd Prize - R.ISWARYA

3rd Prize - M.RAHILA FATHIMA

### **FIRELESS COOKING**

1st Prize - M.YAZHINI PRIYADHARSHINI

S.GAYATHRI

2nd Prize - S.VIGNESWARI

S.THANGAROJA

3rd Prize - S.DIVYA

M.RAHILA FATHIMA

### **DUMPCHARART**

1st Prize - M.YAZHINI PRIYADHARSHINI

A.JENIFER NISHA

2nd Prize - M.RAHILA FATHIMA

S.GAYATHRI

3rd Prize - R.ISWARYA

G.HARSHA

### **CONNECTION**

1st Prize - S.THANGAROJA

S.VIGNESHWARI

2nd Prize - M.S.SHARMILA

S.SANGAVI

3rd Prize - R.ISWARYA

G.HARSHA



## **MEMORY GAME**

1st Prize - J.DURGA DEVI

2nd Prize - M.RAHILA FATHIMA

S.GAYATHRI

3rd Prize - S.THANGA ROJA

R.ISHWARYA

## **QUIZ**

1st Prize - G.THEJOMAYAH

R.KARTHIKA

2nd Prize - K.SARASWATHI

S.GAYATHRI

3rd Prize - M.S.SHARMILA

M.SANGAVI

## **PUZZLE GAME**

1st Prize - S.DIVYA

2nd Prize - R.ISHWARYA

3rd Prize - K.SARASWATHI

## SCORES WON BY HOUSES (WEBS CLUB)

HOUSE	SCORES
BARBARA MACCLINTOCK	93
MARGARET DAYHOFF	64
ROSALYN YALLOW	52
ROSALIND FRANKLIN	101

**ROSALIND FRANKLIN**



PRESIDENT

TREASURER

SECRETARY

CLUB REPRESENTATIVE

CONVENERS

CHIEF GUEST

## SCORES WON BY HOUSES (SIBS CLUB)

HOUSE	SCORES
BARBARA MACCLINTOCK	38
MARGARET DAYHOFF	58
ROSALYN YALLOW	54
ROSALIND FRANKLIN	48

# MARGARET DAYHOFF



PRESIDENT

TREASURER

SECRETARY

CLUB REPRESENTATIVE

CONVENERS

CHIEF GUEST