



DEPARTMENT OF BOTANY

ST. JOSEPH'S COLLEGE (AUTONOMOUS)

Special Heritage Status awarded by UGC

TIRUCHIRAPPALLI - 620002.

## **53<sup>rd</sup> Fr. Balam Memorial Lecture**

**Rev. Dr. M. Arockiasamy Xavier SJ**

Principal

*Presides*

**Rev. Dr. K. Amal SJ**

Secretary

*Felicitates*

**Chief Guest**

**Dr. S. Kaliamoorthy**

Scientist 'E',

National Orchidarium & Experimental Garden,  
Botanical Survey of India (BSI), Southern Regional Centre,  
Yercaud.

will deliver a lecture on

***Biodiversity conservation  
in the Anthropocene Epoch***

Date: 10. 10. 2022

Time: 11.30 a.m.

Venue: Sail Auditorium

***All are cordially invited***

Head, Faculty and Students

## **53<sup>rd</sup> Fr.Balam Memorial Lecture**

Department of Botany, St. Joseph's College (Autonomous), Tiruchirappalli

Date: 10.10.2022 /Time 11.30 am / SAIL Auditorium

### **Programme**

Prayer song

Welcome Address- HoD

*Honoring the Guest*

**Fr. Principal -Blessings**

News Letter Release

**Fr. Secretary – Felicitation**

**Resource Person – Lecture**

Vote of Thanks-Association President

## REPORT OF 53<sup>rd</sup> Fr. Balam Memorial lecture - 10<sup>th</sup> October, 2022

Time: 11:35 am

Venue : Sail auditorium, St. Josephs college, (Autonomous), Tiruchirappalli.

On 10<sup>th</sup> October , 2022 , 53<sup>rd</sup> Fr. Balam Memorial lecture was conducted by the department of Botany on the topic "Biodiversity conservation in the Anthropocene Epoch" by Dr.S.Kaliyamoorthy, Scientist D, National Orchidarium and Experimental Garden, Botanical Survey of India, Southern Region, Yercaud as our special guest of honor. The program started as Rev. Fr. Principal, Rev. Fr. Secretary, Respected chief guest of the day Dr. S. Kaliyamoorthy, HoD, Dean, President of the Association, Professors and student's assembled in the hall by 11:30 am. A brief introduction about the Botany department was narrated by Dr. M. Bastin Churchill, Assistant Professor of Botany Department who was the Master of the ceremony and assisted by Jerishia Hadrin.J of 1<sup>st</sup> MSc Botany. The session started by invoking gods presence through prayer song performed by the students. A heartwarming welcome address was given by the Head of the department, Dr. S.R.Senthil Kumar. Moving on to the next part, the guest of the day Dr.S.Kaliyamoorthy was honored with the shawl by Rev. Fr. Principle and a memento by Rev. Fr. Secretary. Later Rev. Dr. Arockiasamy Xavier SJ, Principal of St. Joseph's College felicitated the gathering. Then the prestigious moment of the program The First News Letter from the department was released by Fr. Principle and received by Fr. Secretary. Later Rev Fr. Secretary Dr. K. Amal SJ felicitated the gathering. Then the program moved to the main lecture of the day by Dr. S. Kaliyamoorthy on the topic "Biodiversity Conservation in the Anthropocene Epoch". The talk was very informative and productive, after the talk the floor was open for questions and clarifications and students did the same. The program finally came to an end. The vote of thanks was proposed by Dr.S.Sahaya Sathish, The President of Botany Association. Students, Research Scholars and non teaching members from the Botany department, Biochemistry and Biotechnology were the participants and gained the information delivered by the speaker and meeting came to end at 1.15pm.

  
Head  
Department of Botany  
St. Joseph's College (Autonomous)  
Tiruchirappalli - 620 002.



## **Biodiversity Conservation in the Anthropocene Epoch**

**Dr. S. KALIAMOORTHY**  
**Scientist – E**  
**Botanical Survey of India**  
**National Orchidarium & Experimental Garden**  
**Southern Regional Centre, Yercaud – 636 602**  
**Salem District, Tamilnadu**

The concept of Anthropocene was proposed by the Nobel Laureate Paul Crutzen and Eugene F. Stoermer in 2000 to mark the entry of earth into a new geological epoch. The term Anthropocene, Anthro for "Man" and cene for "new", coined to understand the dominant influence of mankind on the climate and environment. Anthropocene is believed to bring unprecedented challenge to the Biodiversity which is essential and inevitable. However, the utilization of biodiversity by the mankind in an unsustainable way aggravated its decline. Further human activity and climate change outpaced the time taken by the biodiversity to adapt to the anthropogenic disturbances. In view of this, the existing strategies and practices to combat the biodiversity loss are needed to be re-examined or refined. Fortunately tremendous interests has been aroused among scientists, policy makers, land managers, and the general public in terms of understanding the spatial-temporal patterns and causes of biodiversity. Thus, the conservation community, including authorities, institutes, and scholars, are called to rethink biodiversity conservation in the changing world of the Anthropocene. Like it happened in Genesis It is thought to be wise enough to consider fragile biodiversity areas, on priority basis, to be sheltered by buffering the anthropogenic activity. In addition, awareness programme on the importance of Biodiversity should be taught to the general public and school students from the primary level.



## DEPARTMENT OF BOTANY

53<sup>rd</sup> Fr. Balam Memorial Lecture (10-10-2022)



*Speaker:* Dr.S.Kaliamoorthy, Scientist-E, Botanical Survey of India, Yercaud.

I<sup>st</sup> - B.Sc BOTANY  
BALAM LECTURE

D.No	NAME	SIGNATURE
101	RAHUL .S	<i>Rahul</i>
102	V. Joe crispin	<i>V. Joe crispin</i>
104	Rema Vinu. k	<i>R. Rema Vinu.</i>
105	Antony . s	<i>A. Antony.</i>
106	Prabakaran . s	<i>Prab</i>
111	P. Asleena Sagi	<i>P. Asleena</i>
112	B. SARAPHIN JOY	<i>B. Saraphin Joy</i>
113	A. Velvizhe	<i>A. Vel</i>
114	R. vignesh	<i>R.</i>
116	M. Subash	<i>M. Sub</i>
117	P. sarala	<i>P. sarala</i>
118	V. Allwin denald	<i>V. Allwin denald</i>
119	A. Peter Alexander	<i>A. Peter Alexander</i>
120	—	—
121	J. Anis Martina Mary.	<i>J. Anis</i>
122	Absent	<i>Absent</i>
124	C. KISHORE	<i>C. Kishore</i>



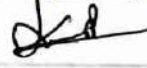
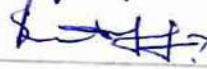
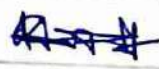


125	S. PRIYADHARSHINI	S. Priyadharshini
127	J. Avarin John Kiruba	J. A. J.
128	Absent	Absent
130	D. PETERSON	D. Peterson
131	A. Riyas Ahamed	Riyas
132	M. Harini	M. Harini
133	G. Siva	G. Siva
134	Absent	
135	E. PAVITHRA	E. Pavithra
137	—	—
138	S. M. Prasanna	S. M. Prasanna
140	—	—
141	K. Tamizharasi	K. Tamizharasi
142	A. Joseph Ajinesh	A. Joseph Ajinesh
143	R. Neerajaa	R. Neerajaa
144	J. Manokani	J. Manokani
146	V. ENOCH.	V. Enoch
147	S. Jayaseelan	S. J.
148	K. RITHIKA	K. Rithika



149	D. JONA GLADYS	<u>D. Jona Gladys</u>
150	S. Gilson Brenith	<u>S. Gilson</u>
151	R. Ramish	R. Ramish
153	R. Dhanalakshmi	<u>R. Dhanalakshmi</u>
154	D. Ashlin lency	<u>D. Ashlin</u>
155	K. Vadamathi	<u>K. Vadamathi</u>
156	Absent	Absent
157	Absent	Absent
158	Absent	Absent
159	B. S. Gayathri	<u>B. S. Gayathri</u>

# St. JOSEPH'S COLLEGE (AUTONOMOUS) - TRICHY

## DEPARTMENT OF BOTANY - II BSc

Sr <sup>o</sup>	Department Number	Name	Signature
1	21UB0101	Jonathan Abc	P. Jonathan Abc.
2	21UB0102	Kevin Deepak	
3	21UB0103	Vivian Luke Parison	Vivian Luke parison
4	21UB0104	John Levi	John Levi
5	21UB0105	Stephy Brockiya Mary.	Gr. Stephy
6	21UB0106	Demrick Raj.	
7	21UB0108	Margaret Sofia	Margaret Sofia
8	21UB0109	Selva Ganesh	
9	21UB0110	Karishkar	
10	21UB0111	Tenova	P. Tenova
11	21UB0114	Sheeba Jesni	Sheeba Jesni
12	21UB0115	pradeepa	pradeepa
13	21UB0116	Gulshan Beck	
14	21UB0117	Jones Vimal	
15	21UB01201	Sowmiya	Sowmiya
16	21UB0122	Akkshayan	Akkshayan
17	21UB0123	Aadhithyan Satharnath	Aadhithyan Satharnath
18	21UB0124	Aadhithyan	S. Aadhithyan
19	21UB0125	Mohan dasa	
20	21UB0126	Abinaya Sri	S. Abinaya Sri
21	21UB0129	Arjun Raj	Arjun Raj



22	21UB0130	Vishnu Prayag	P. V. V. V.
23	21UB0131	Harish.	Harish.
24	21UB0132	Naveen Kumar	N. Naveen Kumar
25	21UB0133	Aathi Mohan	A. Aathi Mohan
26	21UB0134	Shri Thuyamrani	S. Thuyamrani
27	21UB0135	Pradeesh.	Pradeesh.
28	21UB0136	Raja Rathnam	Raja Rathnam.
29	21UB0138	Nandhan Kumar	Nandhan Kumar
30	21UB0139	Aakash Renuyanin	A. Aakash Renuyanin
31	21UB0140	Rivetha	Rivetha.
32	21UB0143	Agaramuthaluan	Agaramuthaluan
33	21UB0144	Karthi Keyan	A. Karthikeyan.
34	21UB0145	Prabavathy.	B. Prabavathy
35	21UB0146	Karthikeyan	Karthikeyan
36	21UB0147	Manivel	Manivel
37	21UB0148 151	Pranisha	Pranisha
38	21UB0152	Hari Haran. S. M	H. Hari Haran. S. M
39	21UB0153	Meerakshi	K. Meerakshi
40	21UB0154	Arockiya Raj	A. Arockiya Raj
41	21UB0155	Dhanush. J.	D. Dhanush. J.



# III - B.Sc., Botany

S. No.	D. No	NAME	Signature
1	20UB0106	Chinnamaruthu Siranjeevi. B.	B. Chinnamaruthu
2	107	Prasanna. V	V. Prasanna
3	108	Sakthi Kumar.	AA
4	109	John Sebastian.	J. Sebastian
5	111	Praveen Jayaraj. A	A. Praveen
6	112	Parameshwari	M. Parameshwari
7	113	Immanuel.	A. Immanuel
8	114	Rosan. A	A. Rosan
9	115	Anni Jenita. N.	N. Anni Jenita
10	118	Aldrina Monita. P	P. Aldrina Monita
11	119	Dharun.	D. Dharun
12	20UB0120	Raghavan. G	G. Raghavan
13	122	Ronald Reegan. A	A. Ronald Reegan
14	123	Kishore. R	R. Kishore
15	124	Abisha Beaula Joyce. A	A. Abisha
16	125	Felix. K	K. Felix
17	126	Vasanth Kumar. G	G. Vasanth Kumar
18	128	Thamizh Selvan.	AA
19	129	Brem. G	G. Brem
20	131	Harish Kumar. V	V. Harish Kumar

S. No.	D. No	NAME	Signature
21	20UB0132	Poornima	P. Poornima.
22	133	Surendar	AA
23	135	Ugr Raj	Ugr Raj
24	136	Sutkaran	<del>AA</del>
25	139	Jayaseelan	Jayaseelan
26	20UB0140	Vinod Antony	Vinod Antony
27	141	Prakash . A	Prakash
28	143	Rajesh	N. Rajesh.
29	145	Kousigan	AA
30	148	Axavindh	AA
31	149	Sugumar	K. Sugumar
32	150	Geetansh Roshan	Geetansh Roshan.
33	152	AKASH	T. Akash
34	153	Sona	K. SONA.
35	154	Madhavan	Madhavan
36	156	Manikandan	AA
37	157	Jesprith . A.	Jesprith . A.
38	158	Adolf Johnson.	<del>Adolf Johnson</del>



# 1 M.Sc. Botany

	NAME	D. No	Signature
1.)	K. VINISHA	22PBO101	<u>K. Visha</u>
2.)	U. Karthickraj	22PBO102	<u>Karthickraj</u>
3.)	V. Hemilazar	22PBO103	V. Hemilazar
4.)	M. SHIRLIN DENIS	22PBO106	<u>Shir. M.</u>
5.)	A.B. JOEL ANTO	22PBO107	<u>ABJO</u>
6.)	G. MONISHA	22PBO108	<u>G. Monisha</u>
7.)	NISHA NANDHINI S	22PBO109	<u>S. Nishanandhini</u>
8.)	N. ANANDAKUMAR	22PBO110	<u>N. Anandak.</u>
9.)	U. HARIHARAN	22PBO111	<u>U. Harin</u>
10.)	S. JEEVA	22PBO112	<u>S. Jeeva</u>
11.)		22PBO113	
12.)	THASHMA JENIFER. J	22PBO114	<u>J. Thashma Jennifer.</u>
13.)	D.S. GNANA MANIKANDAN.	22PBO115	<u>D.S. Gnanilakshmi</u>
14.)	JERISHA HADRIN. J	22PBO117	<u>J. Jerisha Hadrin.</u>
15.)	D. SAMSON DANIEL	22PBO118	<u>D. Samson Daniel.</u>
16.)	R. MUKILAN	22PBO119	<u>R. Mukilan</u>
17.)	K. LAKSHMANI	22PBO120	<u>K. Lakshmi</u>



# ST. Joseph's College (Autonomous)

Tiruchy - 02

Department of Botany

II M.Sc Botany

D.No	Name	Signature
21PB0101	ARO GOLD RESHA.G	Prof.
21PB0105	MARY NITHYA. M	<u>NO</u>
21PB0106	HARISH. S.	Prof.
21PB0108	ARTHI NISHA A	A. daniel.
21PB0109	MERCY MARGRET. M	<u>Mary</u>
21PB0110	RENISTER RAJ. S	S. Renister Raj
21PB0111	CECIL ROSE SANTHANAMARY. M	<u>M. Cecil</u>
21PB0112	V. VINOLIYA.	Vinoliya
21PB0113	RENISH. A	A. Renish
21PB0115	B. BAVADHARANI	B. Bavathi
21PB0116	GIAYATHRI. S	S. Gayathri
21PB0118	S. Senthosh Kumar	S. Senthosh Kumar
21PB0119	WILLIAM SALETH. L	L. Saleth William
21PB0120	Jayakumaran R	R. Jayakumar

21PB0121	R. KEERTHANA	R. Keerthana
21PB0122	A. VIMAL ELDEN JOFFIN	A. V
21PB0123	ALAN M SAJAN	Alan M Sajana

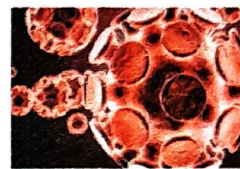
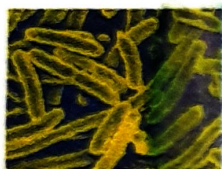




# WORKSHOP ON IMMUNOLOGICAL TECHNIQUES

organised by  
**DEPARTMENT OF BOTANY**

School of Biological Sciences,  
St. Joseph's College (Autonomous),  
Tiruchirappalli, Tamil Nadu

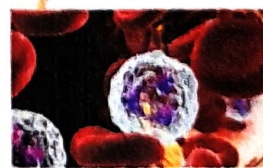


Resource person

**SAVARIMUTHU.S**

**DIRECTOR**

Annai Terasa Biomedical  
Training & Research  
centre, Trichy



Date

**31 Tuesday 2023**

**Inauguration at 10.05 AM**

**Valediction at 4.05 PM**

**Venue: Balam Hall**

**Organising secretaries**

**Dr.K.Rajan,**

Associate Professor

**Dr.M.Bastin Churchill,**

Assistant Professor

Department of Botany

**Convener**

**Dr.S.R.SenthilKumar,**

Head

Department of Botany

**ALL ARE INVITED**





**DEPARTMENT OF BOTANY**  
**ST. JOSEPH'S COLLEGE (AUTONOMOUS)**  
**TIRUCHIRAPPALLI – 620 002.**

Phone: 0431 – 4226389 | Fax: 0431 – 2701501 | Website: [www.sjctni.edu](http://www.sjctni.edu)

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**Dr. S.R. Senthilkumar**  
Associate Professor and Head

**Workshop on Immunological Techniques**

**Venue:** Balam Hall

**Date:** 31st January 2023

**Time:** 12. 30 p.m.

**Resource person:** Mr. Savarimuthu.S,  
Director,  
Annai Teresa Biomedical Training and Research center,  
Tiruchirappalli.

The Department of Botany conducted a day workshop on Immunological techniques on 31st January 2023. Dr K. Rajan and DrBastin Churchill were the organizing secretaries of the workshop. The resource person was Mr. Savarimuthu.S, Director of Annai Teresa Biomedical Training and Research center, Trichy. The course was mainly for the Third B.Sc. and Second P.G., Botany Students. The workshop began with an inaugural function.

Mr. Savarimuthu.S, the resource person was the chief guest. The function began with a prayer song. Dr. Senthilkumar, the head of the department of Botany, delivered the welcome address. Dr. Bastin Churchill introduced the resource person and Dr. Rajan gave a short introduction about the meeting and the importance of the course. After that the resource person gave an overall idea about the workshop. With this the inaugural session was concluded.

For conducting the practicals systematically, the participants were divided into different groups. There were staff from the Annai Teresa Biomedical Training and Research center who came to help the students. The workshop began with a theory class on the ELISA test. The other major practical sessions as well as theory sessions in the workshop were; Blood grouping, Widal test, RPR test, RF test and Blood smear preparation. The course also included theory class on Haemocytometer.

The course was over by 4.00 PM. The workshop was concluded by the Valedictory function. The Chief guest of the ceremony was Dr. P Rajendran, Deputy principal. The programme began with a Prayer song, followed by the Welcome Address by Dr. Senthilkumar. Dr. P Rajendran, Deputy principal delivered a speech. Then the certificates were distributed to the participants. The programme got over by the thanksgiving speech of Renish, the Department students secretary.

  
Head  
Department of Botany  
St. Joseph's College (Autonomous)  
Tiruchirappalli - 620 002.

## Workshop on Immunological Techniques







S. NO	NAME	CLASS	SIGNATURE
1.	K. VINISHA	I M.Sc, BOTANY	K. Vin.
2.	U. KARTHICKRAJ	I M.Sc, BOTANY	U. Karthi
3.	V. HENI LAZAR	I M.Sc, BOTANY	V. Heni Lazar
4.	M. SHIRLIN DENIS	I M.Sc, BOTANY	Shel. M.
5.	A.B. JOEL ANTO	I M.Sc, BOTANY	A. B. Joel
6.	G. MONISHA	I M.Sc, BOTANY	G. Monisha
7.	S. NISHA NANDHINI	I M.Sc, BOTANY	S. Nisha
8.	N. ANANDHAKUMAR	I M.Sc, BOTANY	N. Anandha
9.	U. HARIHARAN	I M.Sc, BOTANY	U. Hariharan
10.	S. JEEVA	I M.Sc, BOTANY	S. Jeeva
11.	Y. KEIN	I M.Sc, BOTANY	Y. Kein
12.	J. THASHMA JENTEER	I M.Sc, BOTANY	J. Thashma
13.	D.S. GNANAMANIKANTAN	I M.Sc, BOTANY	D.S. Gnanamanikantan
14.	J. JERISHA HADRIN	I M.Sc, BOTANY	J. Jerisha
15.	D. SAMSON DANIEL	I M.Sc, BOTANY	D. Samson Daniel
16.	R. MUKILAN	I M.Sc, BOTANY	R. Mukilan
17.	K. LAKSHMAN	I M.Sc, BOTANY	K. Lakshman

  
 Head  
 Department of Botany  
 St. Joseph's College (Autonomous)  
 Tiruchirappalli - 620 002.



S. NO	NAME	CLASS	SIGNATURE
1.	ARO GOLD RESHA. G	I MSc. BOTANY	<i>[Signature]</i>
2.	MERCY MARGRET. M	II MSc. BOTANY	<i>[Signature]</i>
3.	ARTHI NISHA A	II MSc BOTANY	<i>[Signature]</i>
4.	CECIL ROSE SANTHANAMARY. M	II M.Sc BOTANY	<i>[Signature]</i>
5.	R. KEERTHANA	II M.Sc. BOTANY	<i>[Signature]</i>
6.	NARY NITHYA	II MSc BOTANY	<i>[Signature]</i>
7.	B. BAYADHARAN/	II - M.Sc. BOTANY	<i>[Signature]</i>
8.	S. GIAYATHRI	II. M.Sc. BOTANY	<i>[Signature]</i>
9.	V. Vinodhja	II. M.Sc. Botany	<i>[Signature]</i>
10.	HARISH .S	II M.Sc Botany	<i>[Signature]</i>
11.	S. Santhosh Kumar	II msc. Botany	<i>[Signature]</i>
12.	Jayakumaran R	II MSc. Botany	<i>[Signature]</i>
13.	RENISTER RAJ.S	II M.Sc Botany	<i>[Signature]</i>
14.	RENISH. A	II. MSc - Botany	<i>[Signature]</i>
15.	A. Kirmel Elkon Siffin	II M.Sc Botany	<i>[Signature]</i>
16.	William Saketh. L	II MSc (Botany)	<i>[Signature]</i>

  
 Head  
 Department of Botany  
 St. Joseph's College (Autonomous)  
 Tiruchirappalli - 620 002.

### List of Students (III UG)

D. No.	Name	D. No.	Name
20UBO106	CHINNAMARUTHU SIRANJEEVI B	20UBO136	SUTHARSAN A
20UBO107	PRASANNA V	20UBO139	JEYASEELAN A
20UBO108	SAKTHI KUMAR R	20UBO140	VIMAL ANTONY S
20UBO109	JOHN SEBASTIN J	20UBO141	PRAKASH A
20UBO111	PRAVEEN JAYARAJ J	20UBO143	RAJESH N
20UBO112	PARAMESHWARI M	20UBO145	KOUSIGAN K
20UBO113	IMMANUVEL A	20UBO148	ARAVINDH D
20UBO114	ROSAN A	20UBO149	SUGUMAR K
20UBO115	ANNI JENITA N	20UBO150	GRATUS ROSHAN G
20UBO118	ALDRINA MONITA I	20UBO152	AKASH T
20UBO119	DHARUN A	20UBO153	SONA K
20UBO120	RAGAVAN G	20UBO154	MADHAVAN P
20UBO122	RONALD REEGAN A	20UBO156	MANIKANDAN S
20UBO123	KISHORE R	20UBO157	ISPRITH A
20UBO124	ABISHA BEAULA JOYCE AP	20UBO158	ADOLF JOHNSON
20UBO125	FELIX K		
20UBO126	VASANTHAKUMAR G		
20UBO128	THAMIZ SELVAN J		
20UBO129	PREM G		
20UBO131	HARISH KUMAR V		
20UBO132	POORNIMA S		
20UBO133	SURENDAR N		
20UBO135	UGIN RAJ L		

  
**Head**  
 Department of Botany  
 St. Joseph's College (Autonomous)  
 Tiruchirapalli - 620 002.





**ST. JOSEPH'S COLLEGE (AUTONOMOUS)  
TIRUCHIRAPPALLI-02**

**DEPARTMENT OF BOTANY**

Organizing  
One day workshop on  
**Molecular Docking**

**Date: 01<sup>st</sup> March 2023**

**Time: 12.30 p.m.**

**Venue: JCICT center**

**Organizing Secretary**

**Dr. S. R. Senthilkumar**  
Associate Professor & Head  
Department of Botany

**Topics to be covered**

Pharma kinetics  
Docking analysis  
Toxicity analysis

**ALL ARE WELCOME**





**DEPARTMENT OF BOTANY**  
**ST. JOSEPH'S COLLEGE (AUTONOMOUS)**  
**TIRUCHIRAPPALLI – 620 002.**

Phone: 0431 – 4226389 | Fax: 0431 – 2701501 | Website: [www.sjctni.edu](http://www.sjctni.edu)

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**Dr. S.R. Senthilkumar**  
Associate Professor and Head

**Workshop on Molecular Docking**

**Venue:** JCICT center

**Date:** 01<sup>st</sup> March 2023

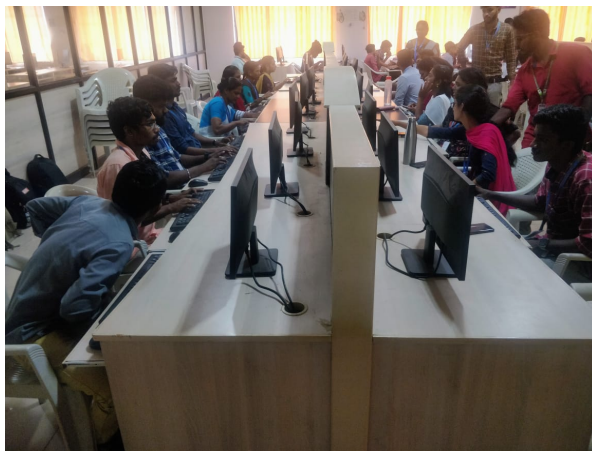
**Time:** 12. 30 p.m.

**Resource person:** Dr. Asha Monica  
Assistant Professor  
Department of Biotechnology  
St. Joseph's college (Autonomous), Trichy- 02.

The Workshop was organized by Dr. S. R. Senthilkumar, Head, Department of Botany. II<sup>nd</sup> M. Sc Students attended this workshop and Dr. Asha Monica explained in detail about the entire method of docking. The students are insisted to work individually in the computer at JCICT center. Hands-on training helps the students to understand more about the system-based operations. Nearly three softwares are used for the entire molecular docking process. The protein- ligand binding method was trained and worked with some sample compound. Swiss ADME and Pharmacokinetics were used as a molecular tool for the detailed study of a particular compound and their characterization.

  
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**List of Students**

<b>D. No.</b>	<b>Name</b>
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21PBO105	MARY NITHYA M
21PBO106	HARISH S
21PBO108	ARTHI NISHA A
21PBO109	MERCY MARGRET M
21PBO111	CECIL ROSE SANTHANAMARY M
21PBO112	VINOLIYA V
21PBO113	RENISH A
21PBO115	BAVADHARANI B
21PBO116	GAYATHRI S
21PBO118	SANTHOSHKUMAR S
21PBO119	WILLIAM SALETH L
21PBO120	JAYAKUMARAN R
21PBO121	KEERTHANA R
21PBO122	VIMAL ELDEN JOFFIN A
21PBO123	ALAN M SAJAN

  
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### 3<sup>rd</sup> Botany Association Meeting

Date: 28. 01, 2023

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1.	ARO GOLD RESHA. G	I MSc. BOTANY	<i>[Signature]</i>
2.	MERCY MARGRET. M	II MSc. BOTANY	<i>[Signature]</i>
3.	ARTHI NISHA A	II MSc BOTANY	<i>[Signature]</i>
4.	CECIL ROSE SANTHANAMARY. M	II M.Sc BOTANY	<i>[Signature]</i>
5.	R. KEERTHANA	II M.Sc. BOTANY	<i>[Signature]</i>
6.	NARY NITHYA	II MSc BOTANY	<i>[Signature]</i>
7.	B. BAYADHARAN/	II - M.Sc. BOTANY	<i>[Signature]</i>
8.	S. GAYATHRI	II. M.Sc. BOTANY	<i>[Signature]</i>
9.	V. Vinodhja	II. M.Sc. Botany	<i>[Signature]</i>
10.	HARISH .S	II M.Sc Botany	<i>[Signature]</i>
11.	S. Santhosh Kumar	II msc. Botany	<i>[Signature]</i>
12.	Jayakumaran R	II MSc. Botany	<i>[Signature]</i>
13.	RENISTER RAJ.S	II M.Sc Botany	<i>[Signature]</i>
14.	RENISH. A	II. MSc - Botany	<i>[Signature]</i>
15.	A. Kunal Elkon Siffin	II M.Sc Botany	<i>[Signature]</i>
16.	William Saketh. L	II MSc (Botany)	<i>[Signature]</i>

*[Signature]*  
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# DEPARTMENT OF BOTANY

ST. JOSEPH'S COLLEGE (AUTONOMOUS)

TIRUCHIRAPPALLI - 620 002

## **Mrs. Thanapackiam Robert Jeyachandran** **Endowment Lecture**

**Rev. Dr. M. Arockiasamy Xavier SJ.,**  
**Principal**  
**presides**

**Dr. S. Backiyarani**  
**Principal Scientist**  
**ICAR-NRCB**  
**Tiruchirappalli**

**deliver**

**lecture on**

***'BIOTECHNOLOGY INTERVENTIONS IN  
IMPROVEMENT OF BANANA'***

**Date: 13.03.2023**

**Time: 11.30 am**

**Venue: Sail Auditorium**

**ALL ARE CORDIALLY INVITED**  
**Head, Faculty and Students**





**DEPARTMENT OF BOTANY**  
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**TIRUCHIRAPPALLI – 620 002.**

Phone: 0431 – 4226389 | Fax: 0431 – 2701501 | Website: [www.sjctni.edu](http://www.sjctni.edu)

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**Dr. S.R. Senthilkumar**  
Associate Professor and Head

**Mrs. Thanapackium Robert Jeyachandran Endowment Lecture**

**Venue:** Sail Auditorium

**Date:** 13<sup>th</sup> March 2023

**Time:** 11. 30 p.m.

- The lecture started with prayer song and Tamil Thaivazthu by the Department Choir.
- Establishment and progression of the department was briefed by Dr. Bastin Churchill, Assistant Professor, Department of Botany, St. Joseph's College, Trichy.
- The welcome address was given by Dr. S.R. Senthilkumar, Head of Department of Botany, St. Joseph's College, Trichy.
- The lecture was presided by Dr. Arockiasamy Xavier SJ, Principal, St. Joseph's College, Trichy.
- The Chief Guest Dr. S. Bakiyarani was introduced by Dr. A. Egbert Selwin Rose, Dean, School of Biological Sciences, St. Joseph's College, Trichy.
- Dr. Bakiyarani, Principal Scientist, National Research Centre for Banana, Trichy graced as the resource person. She highlighted the biotechnological interventions on the improvement of Banana. She explained techniques like QR code based tagging of DNA fingerprinting, DNA fingerprinting of banana accessions. ELISA based Kit for identification of major viruses which infest banana and marker based identification, tissue culture and somatic embryogenesis. She concluded her talk with a note that all the techniques used in banana development can be extended to other plants also. Thus, opening up new avenues for research.
- Vote of thanks was proposed by Dr.S. Sahaya Sathish, President of Botany Association, St. Joseph's College, Trichy.

  
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S. NO	NAME	CLASS	SIGNATURE
1.	K. VINISHA	I M.Sc, BOTANY	K. Vin.
2.	U. KARTHICKRAJ	I M.Sc, BOTANY	U. Karthi
3.	V. HENI LAZAR	I M.Sc, BOTANY	V. Hen Lazar
4.	M. SHIRLIN DENIS	I M.Sc, BOTANY	Shel. M.
5.	A.B. JOEL ANTO	I M.Sc, BOTANY	A. B. Joel
6.	G. MONISHA	I M.Sc, BOTANY	G. Monisha
7.	S. NISHA NANDHINI	I M.Sc, BOTANY	S. Nisha
8.	N. ANANDHAKUMAR	I M.Sc, BOTANY	N. Anandha
9.	U. HARIHARAN	I M.Sc, BOTANY	U. Hariharan
10.	S. JEEVA	I M.Sc, BOTANY	S. Jeeva
11.	Y. KEIN	I M.Sc, BOTANY	Y. Kein
12.	J. THASHMA JENTEER	I M.Sc, BOTANY	J. Thashma
13.	D.S. GNANAMANICKANTAN	I M.Sc, BOTANY	D.S. Gnanamanickantan
14.	J. JERISHA HADRIN	I M.Sc, BOTANY	J. Jerisha
15.	D. SAMSON DANIEL	I M.Sc, BOTANY	D. Samson Daniel
16.	R. MUKILAN	I M.Sc, BOTANY	R. Mukilan
17.	K. LAKSHMAN	I M.Sc, BOTANY	K. Lakshman

  
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15.	A. Kirmel Elkon Siffin	II M.Sc Botany	<i>[Signature]</i>
16.	William Saketh. L	II MSc (Botany)	<i>[Signature]</i>

  
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**List of Students (II UG)**

<b>D. No.</b>	<b>Name</b>	<b>D. No.</b>	<b>Name</b>
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21UBO102	KEVIN DEEPAK P	21UBO132	NAVEENKUMAR S
21UBO103	VIVIAN LUKE PARISON V	21UBO133	AATHIMOHAN R
21UBO104	JOHN LEVI J	21UBO134	SHRI THUYAMANI R
21UBO105	STEPHY AROKIYA MARY G	21UBO135	PRADEESH A
21UBO106	DOMINICK RAJ M	21UBO136	RAJARATHINAM M
21UBO108	MARGARET SOFIYA J	21UBO138	NANDHAKUMAR S
21UBO109	SELVA GANESH K G	21UBO139	AKASH BENNIYAMIN A
21UBO110	KANISHKAR R	21UBO140	NIVETHA M
21UBO111	JENAVA P	21UBO143	AGARAMUTHALVAN T
21UBO114	SHEEBA JESNI D	21UBO144	KARTHIKEYAN A
21UBO115	PRADEEPA A R	21UBO145	PRABAVATHY B
21UBO116	GULSHAN BECK	21UBO146	KARTHIKEYAN M
21UBO117	JONES VIMAL F	21UBO147	MANIVEL R
21UBO121	SOWMIYA J	21UBO151	ARONISHA A
21UBO122	AKKSHYAN S T	21UBO152	HARIHARAN S M
21UBO123	SATHARNATH R	21UBO153	MEENAKSHI K
21UBO124	ADITYAN S T	21UBO154	AROCKIARAJ A
21UBO125	MOHANDASS V	21UBO155	DHANUSH J
21UBO126	ABINAYA SRI S		
21UBO129	AROAN RAJ Y		
21UBO130	VISHNUPRIYA S		

  
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20UBO108	SAKTHI KUMAR R	20UBO140	VIMAL ANTONY S
20UBO109	JOHN SEBASTIN J	20UBO141	PRAKASH A
20UBO111	PRAVEEN JAYARAJ J	20UBO143	RAJESH N
20UBO112	PARAMESHWARI M	20UBO145	KOUSIGAN K
20UBO113	IMMANUVEL A	20UBO148	ARAVINDH D
20UBO114	ROSAN A	20UBO149	SUGUMAR K
20UBO115	ANNI JENITA N	20UBO150	GRATUS ROSHAN G
20UBO118	ALDRINA MONITA I	20UBO152	AKASH T
20UBO119	DHARUN A	20UBO153	SONA K
20UBO120	RAGAVAN G	20UBO154	MADHAVAN P
20UBO122	RONALD REEGAN A	20UBO156	MANIKANDAN S
20UBO123	KISHORE R	20UBO157	ISPRITH A
20UBO124	ABISHA BEAULA JOYCE AP	20UBO158	ADOLF JOHNSON
20UBO125	FELIX K		
20UBO126	VASANTHAKUMAR G		
20UBO128	THAMIZ SELVAN J		
20UBO129	PREM G		
20UBO131	HARISH KUMAR V		
20UBO132	POORNIMA S		
20UBO133	SURENDAR N		
20UBO135	UGIN RAJ L		

  
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## DEPARTMENT OF BOTANY

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**Dr. S.R. Senthilkumar**

Associate Professor and Head

### **International Webinar on “A Gap in Our Knowledge to Overcome Food Insecurity under the Impact of Climate Change”**

**Venue:** Online

**Date:** 03 April 2023

**Time:** 06. 00 p.m.

**Resource person:** Dr. Wafaa Amer, Cairo University,  
Prof. of Flora and Taxonomy,  
Faculty of Science, Cairo University, Egypt

The Department of Botany conducted an International Webinar on “A Gap in Our Knowledge to Overcome Food Insecurity under the Impact of Climate Change” on 3<sup>rd</sup> April 2023. Rev. Dr L. John Peter Arulanandan was the organising secretary and Dr. M. Francis Sathiyaseelan and Dr. Johnny Kumar Tagore were the coordinators of the webinar. The resource person was Dr. Wafaa Amer, Cairo University, Prof. of Flora and Taxonomy, Faculty of Science, Cairo University, Egypt. The programme was mainly to give an International exposure on current climate issue to the Students.

Rev. Dr L. John Peter Arulanandan, Vice Principal and the organizing secretary welcomed the gathering. Dr. S.R. Senthilkumar, the Head of the Department, Introduced the Guest Speaker Prof. Wafaa Amer, Cairo University.

Prof. Wafaa Amer, the Guest Speaker, detailed on the current climate issues and how it affects the food production and distribution with specific focus to Africa and the Middle East. She also elaborated on the different gaps that need to be addressed to curtail these problems.

The program came to an end by 7:30 pm. There was participants from Botanical Survey of India, Andaman and Nicobar Islands, Providence College, Coonoor, etc. Finally Dr. M. Francis Sathiyaseelan proposed the Vote of Thanks. The entire programme was coordinated by Dr. Johnny Kumar Tagore.

  
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## DEPARTMENT OF BOTANY ST. JOSEPH'S COLLEGE (AUTONOMOUS)

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College with Potential for Excellence by UGC, DBT-STAR & DST-FIST Sponsored College,  
Tiruchirappalli, Tamil Nadu, India - 620 002.

An International webinar on

**'A gap in our knowledge to overcome the food insecurity  
under the impact of climate change'**

### Resource Person



**Dr. Wafaa M Amer,**

Professor of Flora, and Taxonomy, Botany and Microbiology Department,  
Cairo University, Giza 12613 - Egypt

**IUCN & UNESCO-MAB-Member**

**wamer@sci.cu.edu.eg**

**DATE: 03.04.2023      TIME: 06.00 p.m IST**

**PLATFORM: Zoom Meeting**

**ALL ARE WELCOME**

Coordinator

**Rev. Dr. L. John Peter Arulanandam SJ**

Asst. Coordinator

**Dr. M. Francis Sathiyaseelan**

**Dr. A. Johny Kumar Tagore**

Head of the Department

**Dr. S. R. Senthilkumar**

**Faculty & Students**

Note: No Registration Fee



6:04 63%

Close Participants (29)

- RENISH A (me)
- JT Johny Tagore (Host)
- PW Prof. Wafaa Amer (Co-host)
- M michaeljohn
- OS 01Francis Sathiyaseelan
- 21UBO105 STEPHY AROKIYA...
- A A.c.Narmadha
- AJ Adolf Johnson
- AM Aziza Mahrous
- DL Dr. LAL JI SINGH, BSI, ANRC, P...
- Isai Mathivanan
- J Jothika
- L Lakshanya
- MY manal youssef
- MM MERCY MARGRET
- Renister Raj
- SS Santhiya. S
- Sathiyarayanan Anusuya
- SM Sharon Monica R
- SS Subburaman Senthilkumar
- WS William Saleth
- A qGTHI
- D Dr.K.Rajan
- MP Murugan P
- N nithya
- QA OPPO A16
- PG PREM G
- S Srinivasan
- VV Vinoliya Veeramani

Invite

**A gap in our knowledge to overcome the food insecurity under the impact of climate change.**

**Wafaa M Amer, PhD**  
 Professor of Flora, and Taxonomy, Botany and Microbiology Department  
 Cairo University, Giza 12613-Egypt  
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**3 April 2023**  
**St. Joseph's College, India**

The earth subjected to

Johny Tagore michaeljohn Subburaman Se... Dr. LAL JI SINGH...

Jothika 01Francis Sathiy... Aziza Mahrous

Sharon Monica R William Saleth A.c.Narmadha manal youssef Santhiya. S

OPPO A16 Adolf Johnson MERCY MARGRET



**What climate change really means:**

**14 major events**

- Widespread hunger
- Global warming
- Extreme drought
- More frequent + intense extreme weather events
- Unreliable yields for farmers
- More wildfires
- Physical + mental health impacts
- Destruction of infrastructure
- Heat death
- Insect outbreaks
- Increased conflict over natural resources
- Mass displacement
- Decreased access to clean water
- Rain forest fires + floods

**Gap in our knowledge: genetic diversity of cultivated crops and the crop wild relatives (CWRs)**

## Participants' List

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