

St. Joseph's College of Arts and Science, (Autonomous), Cuddalore - 607001

Activity Report

Report Title : “Rajiv Gandhi Centre for Aquaculture (RGCA) ”

Date : 28.02.2024

Report

The PG and Research Department of Microbiology organized an institutional visit to “Rajiv Gandhi Centre for Aquaculture (RGCA)” for I B.Sc., Microbiology (Shift-I) students on 28.02.2024. A total of 50 students from I B.Sc. Microbiology (Shift-I) visited the lab and Hatchery. The students entered the sea bass hatchery at 10.30 AM on the day. The students visited aquarium, observed fish pathogen using microscope, after entering into RGCA lab, Dr. P. Anjali, explained in detail about electrophoresis, PCR and Mr. Sathyaraj lectured on isolation of fish pathogen, cell culture and water analysis and various activities of their research centre. During this visit, Dr. S. Kandan Director and Head of Rajiv Gandhi Centre for Aquaculture Hatchery, gave a lecture about the scope and applications of marine microbiology and research fields. Students also interacted with them and motivated to do higher studies.



Staff along with the students at Rajiv Gandhi Centre for Aquaculture (RGCA).

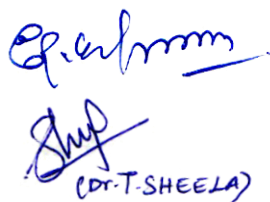
Finally, Dr. Jasper, Lab In-charge of RGCA explained about various ongoing research projects in the aquaculture and working principles of instruments in their labs. The visit program was coordinated by Dr. T. Sheela and Mrs. D. Dharmadevi, Assistant Professors of Microbiology Department.

List of Labs visited during the event

1. Molecular biology lab
2. Water quality lab
3. Soil Analysis lab
4. Microbiology and cell culture lab
5. Sea boss and mud crab Hatchery.

List of Instruments explained

1. High performance Liquid Chromatography (AKTA-HPLC)
2. UV Visible Spectrophotometer
3. ELISA Reader
4. Gel Documentation System
5. PCR Thermal Cycler
6. -80°C Deep Freezers & -20°C Freezer
7. Western blot apparatus
8. Quartz Distillation Unit



(DR. T. SHEELA)

Programme Co-ordinators



Head of the Department

Dr. J. Jayaprakash, M.Sc., Ph.D.,
Head, Department of Microbiology,
St. Joseph's College of Arts & Science,
(Autonomous), Cuddalore - 607 001.

Encl.:

1. Permission letter
2. Attendance
3. Feedback

Attendance

S.NO	ROLL NO.	NAME OF THE STUDENT
1	A23MBD01	Abishekamary A
2	A23MBD02	Amirdha A
3	A23MBD03	Anitha N
4	A23MBD04	Annamalai V
5	A23MBD05	Ashwin A
6	A23MBD07	Bharathi K
7	A23MBD08	Darwin Michael A
8	A23MBD09	Deviga G
9	A23MBD10	Dhineshkumar R
10	A23MBD11	Ezhilarasan A
11	A23MBD12	Gayathiri J
12	A23MBD14	Iyyappan A
13	A23MBD15	Janani S
14	A23MBD16	Janani S
15	A23MBD17	Joshwa A
16	A23MBD18	Krishnammal P
17	A23MBD22	Mugunthan R
18	A23MBD23	Navitha D
19	A23MBD25	PeddireddiHarini
20	A23MBD26	Prema A
21	A23MBD27	PriyaDharshini M
22	A23MBD28	Priyadharshini B
23	A23MBD29	Priyadharshini M
24	A23MBD30	Rajiv Gandhi R
25	A23MBD31	Raman E
26	A23MBD32	Ruthra R
27	A23MBD33	Sakthidasan M
28	A23MBD35	Santhiya S
29	A23MBD36	Santhiya Sri E
30	A23MBD37	SathiyaPriya S
31	A23MBD38	SelvaBarathi M
32	A23MBD39	Senthuran M
33	A23MBD40	ShanmugaSundar A
34	A23MBD41	Siranjeevi I
35	A23MBD42	Sona K
36	A23MBD43	Sriram T

37	A23MBD44	Subiksha R
38	A23MBD45	Sugumar D
39	A23MBD46	Sujitha M
40	A23MBD49	Vigneshwaran R
41	A23MBD50	Vijayadharshini P
42	A23MBD51	Thulasi B
43	A23MBD52	Aravindha M
44	A23MBD53	Jana B
45	A23MBD55	Bauya.M
46	A23MBD56	Gomathi.S
47	A23MBD57	Punithavathi K
48	A23MBD58	Mugesh R
49	A23MBD59	HasmanthNazeera D
50	A23MBD60	Sowndharya N

Sheep
(DR.T.SHEELA)

q. e. h. m. m.

Programme Co-ordinators

J. J. Jayaprakash

Head of the Department

Dr.J.Jayaprakash, M.Sc., PhD.,
Head, Department of Microbiology,
St.Joseph's College of Arts & Science,
(Autonomous), Cuddalore - 607 001.

Feedback

1. It was first the industrial visit to Rajiv Gandhi aquaculture in Sirkali. We learnt about how to cultivate the marine organisms. **N. Anitha (A23MBD03)**
2. I learnt about Pisciculture Techniques-**Ezhilarasan (A23MBD11)**.
3. I really enjoyed this Visit. I learnt the seebas fish cultivation techniques - **R. Rajiv Gandhi (A23MBD30)**



(Dr. T. SHEELA)



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Head, Department of Microbiology,
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St. Joseph's College of Arts and Science,(Autonomous)

Cuddalore - 607001

Field Visit Report

Report Title: "Visit to CAS in Marine Biology, Annamalai University"

Date: 15.02.2024

Report

The PG and Research Department of Microbiology organized an institutional visit to "**Annamalai University C.A.S in Marine biology**" for I B.Sc., Microbiology (Shift-II) students on 15.02.2024. A total of 52 students from I B.Sc. Microbiology (Shift-II) visited the Microbiology lab, Aquarium, Museum and Library. The students entered the CAS in Marine biology at 10.30 AM on the day. The students visited aquarium, observed fish pathogen using microscope. After entering into auditorium, Dr. P. Anantharaman, Professor and Dean, CAS in Marine biology explained about the marine organisms and its applications. During this visit, Dr. K. Sivakumar, Associate Professor gave a lecture about the scope and applications of marine flora and research fields. Students interacted with the expert and got motivated to do higher studies.



Dr. P. Anantharaman, Dean, CAS in Marine biology gave an introduction about their Marine biology.

The Librarian, Annamalai University, Parangipettai explained about various ongoing research projects in the marine biology and available books in the library. Then finally visited for

museum. The program was coordinated by Mrs.D.Dharmadevi, and Dr.T.Sheela, Assistant Professors, Department of Microbiology, St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1

List of place visited during the event

1. Microbiology lab
2. Water quality lab
3. Library
4. Aquarium
5. Museum

List of Instruments explained

1. High performance Liquid Chromatography (HPLC)
2. UV Visible Spectrophotometer
3. ELISA Reader
4. Deep Freezers,
5. High speed refrigeration centrifuge
6. Aquaculture demonstration ponds



Programme Co-ordinators



Head of the Department

Dr.J.Jayaprakash, M.Sc., PhD.,
Head, Department of Microbiology,
St.Joseph's College of Arts & Science,
(Autonomous), Cuddalore - 607 001.

Encl.:

1. Permission letter
2. Glimpse of the event
3. Attendance
4. Feedback

Permission Letter

PERMISSION LETTER

From,

Head of the Department
Department of Microbiology
St. Joseph's college of arts and science, (Autonomous)
Cuddalore-1

To,


Rev.Fr. Secretary
St. Joseph's College of Arts and Science, (Autonomous)
Cuddalore-1

Sub: Request permission for Industrial visit-reg.

Respected Rev Fr. Secretary,

With due respect, we have planned to send the I UG Microbiology (Shift –II) students for the Industrial visit on 15.02.2024 to **Centre for Advanced studies in Marine biology, Annamalai University, Parangipettai**, We kindly request you to grant us permission for the same.

Thanking you,


Yours sincerely,

Staffs in-charge

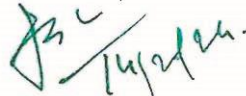
1. Mrs. D. Dharmadevi
2. Dr. T. Sheela

Total No. of students: 51 nos

Amount: Rs. 300/ students

Date: 13.02.24

Place: Cuddalore - 1



Glimpse of the event



Attendance

S.NO	ROLL NO	NAME OF THE STUDENT
1	A23MBE01	Abinaya R
2	A23MBE02	Akshaya S
3	A23MBE03	Anusha G
4	A23MBE04	Arthika K
5	A23MBE07	Bhuvana R
6	A23MBE08	Dhanusiya G
7	A23MBE09	Durga A
8	A23MBE12	Gopika S
9	A23MBE13	Gowri S
10	A23MBE14	Hari Varthini V
11	A23MBE16	Heera R
12	A23MBE17	Hemadharshini S
13	A23MBE18	Hemamalini P
14	A23MBE20	Jansi Rani N
15	A23MBE21	Jaya Mary G
16	A23MBE22	Jaya Priya S
17	A23MBE23	Jayasurya K
18	A23MBE24	Jeeva Ananthi V
19	A23MBE25	Karishma S
20	A23MBE26	Kathija Begum H
21	A23MBE28	Kowsalya M
22	A23MBE29	Lavanya K
23	A23MBE30	Mithuna A
24	A23MBE32	Monika V
25	A23MBE33	Nishanthi A
26	A23MBE34	Nithya R
27	A23MBE35	Pachayammal C
28	A23MBE36	Pradhiba G
29	A23MBE37	Ragavi R
30	A23MBE38	Rajalakshmi R
31	A23MBE40	Santhiya M

32	A23MBE41	Sasi S
33	A23MBE42	Shamraa S
34	A23MBE43	Sivadharsika S
35	A23MBE44	Sivasankari S
36	A23MBE45	Srinidhi P
37	A23MBE46	Subikshaw S
38	A23MBE47	Sudarbala B
39	A23MBE48	Tharangkani S
40	A23MBE49	Vainthira M
41	A23MBE50	Vijayalakshmi P
42	A23MBE51	Jayapradha S
43	A23MBE52	Swetha P
44	A23MBE53	Aathika N
45	A23MBE54	KathijaSifhani P
46	A23MBE55	Dhivya S
47	A23MBE56	Irfana Begam I
48	A23MBE57	Vianney Anicet
49	A23MBE58	Deepika R
50	A23MBE59	Aukslinmary A
51	A23MBE60	Abinaya R
52	A23MBE61	Timarlin S A



Programme Co-ordinators



Head of the Department

Dr.J.Jayaprakash, M.Sc., PhD.,
 Head, Department of Microbiology,
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 (Autonomous), Cuddalore - 607 001.

Feedback of the students

1. “This was the first time I had been to the institutional visit. It was beneficial for me and I got practical knowledge on the research going on in Microbiology labs. The trip was awesome and I really enjoyed this trip thoroughly.” **Vianney Anicet (A23MBE60)**
2. “It was our first institutional visit and my experience was awesome. I learn from the field on the aquaculture. I really enjoyed my first visit with my friends.” **S. Shamraa (A23MBE42)**
3. “It was my first visit to Annamalai University. The experience was nice. I was impressed with the way they were explaining about culture maintenance and preservation of DNA. I thank the HOD and staff coordinators for bringing me to lab visit.” **P.KathijaSifhani (A23MBE54)**



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