

St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1

Report on Industrial Visit to Rajiv Gandhi Centre for Aquaculture

Report No: /2023-2024

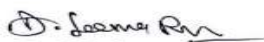
Report title: Industrial Visit to Rajiv Gandhi Centre for Aquaculture

Date:23.01.2024.

The First year PG students of PG & Research Department of Biochemistry took part in the industrial visit to Rajiv Gandhi Centre for Aquaculture at Sirkali, Nagapattinam District on 23.01.2024. Dr. Anand, Member, (Director of Fisheries) gave a short introduction about the institute on breeding, rearing, and harvesting of fish, shellfish, algae, and other organisms in all types of aquatic environment. We visited various laboratories such as sample collection and separation lab, soil and water analysis lab, Molecular cloning and molecular development in aquaculture species, DNA sequencing, Histopathology lab for sample preservation. After that, we have visited instrumentation lab facilities such as LC-MS, ICP-MS, GCMS and HPLC. In the afternoon, we have visited Seabass hatchery & mud crab hatchery at Koozhaiyur road, Thoduvai, Sirkali. Our students benefitted from the techniques taught by the experts and the project/employment ideas were also given by the institution staff members. This field visit enriched our students with knowledge and skill about aquaculture and its future prospective.



Dr. Anand enlightens the students during their industrial visit.


Staff Incharge
D. Leema Rose Mary


Head of the Department
Dr. P. Marie Arockianathan

DR. P. MARIE AROCKIANATHAN,
ASSOCIATE PROFESSOR & HEAD,
PG & Research Dept. of Biochemistry,
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.



Smt. Rema Devi, Executive Director explained about the DNA isolation.



Dr. Kannan explained about the sample preservation procedure for Histopathological studies.

Date: 11.1.24
Place: Cuddalore

From,

Dr.P.Marie Arockianathan,
Head(Biochemistry),
St.Joseph's College of Arts & Science (Autonomous),
Cuddalore-1.

To,

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

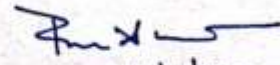
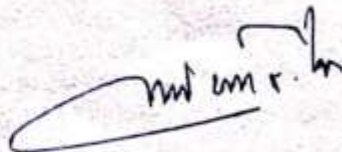
Sub: Field visit-reg

Respected Fr,

As we got permission for the field visit on 23rd Jan for our PG students (25 in number) in Rajiv Gandhi centre for Aquaculture, Sirkali. We solicit your permission to take our students on that day and also provide O:D for our students and two staff members.

Thank you,

Sincerely,



11/1/24

ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS) CUDDALORE - 1

Report on Industrial visit to Rajiv Gandhi Centre for Aquaculture

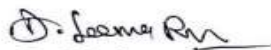
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Date: 23.01.2024

List of Participants

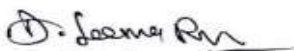
S.No	Roll No	Name of the student	Student Signature
1	A23MBC02	S. BHUVANESHWARI	S. Bhuvaneshwari
2	A23MBC03	S. DATCHAYENI	S. Datchayeni
3	A23MBC04	S. DEVADHARSHINI	S. Devadharshini
4	A23MBC06	M. FOUZUL HIDHAYA	Fouzul
5	A23MBC07	S. JANANI	S. Janani
6	A23MBC08	M. JANJI CORNALIYOUS	M. Jani
7	A23MBC09	P. LOGESHWARI	Logesh
8	A23MBC10	R. MAHALATCHMI	R. Mahalatchmi
9	A23MBC11	D. SAKTHI DEVI	D. Sakthi Devi
10	A23MBC12	M. SANTHOSHINI	M. Santhoshini
11	A23MBC13	V. SARANYA	V. Saranya
12	A23MBC14	K. SHALINI	K. Shalini
13	A23MBC15	A. SHARINE BICHE	Sharine Biche
14	A23MBC17	S. SHOBANA	S. Shobana
15	A23MBC19	B. SWETHA	B. Swetha
16	A23MBC20	C. ATAAFNE JOVITHA	C. Atafne Jovitha
17	A23MBC21	G. DHINESH	G. Dhinesh
18	A23MBC22	S. KABILAN	S. KABILAN


Staff Incharge
D.Leema Rose Mary


Head of the Department
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19	A23MBC23	S. NAVEEN CHANDAR	S. Naveen Chanda
20	A23MBC24	V. NITISHWARAN	V. Nitishwaran
21	A23MBC25	E. PREMKUMAR	E. Prem Kumar
22	A23MBC26	T. SIRAJUDEEN	T. Sirajudeen
23	A23MBC28	PATIL SHEETAL	Patil Sheetal
24	A23MBC29	A.SHABANA	A. Shabana
25	A23MBC30	V.VIGNESH	V. Vignesh
26	A23MBC32	P. BARKAVI	P. Barkavi

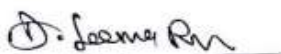

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Feedback from student's and village people:

- We have actively participated in an industrial visit and enjoyed the trip. (R. Mahalatchmi-A23MBC10)
- We have got very good experience. (B. Shalini -A23MBC19)
- By these activities we learned principles, applications of instruments and also how to handle the instruments. (R. Patil Sheetal-A23MBC28)
- We have got more knowledge about various techniques. (S. Naveen Chandar-A23MBC23)
- Seabass hatchery & mud crab hatchery visit gave a new project idea (V. Saranya-A23MBC13)



Staff Incharge

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**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
CUDDALORE-1**

Report No:

Report Title : Field visit to Rajiv Gandhi centre for Aquaculture.


Date : 23.01.2024

The PG and the Research Department of Biochemistry has organized a field visit to Rajiv Gandhi centre for aquaculture located at Sirkali on 23.01.2024. In this field visit the II year PG students (24) were participated accompanied by two staff members Dr.S.Celine Hilda Mary and Ms.D.Leema Rose Mary. In the First session the students were asked to gathered in the auditorium where Dr. Anand, Research Associate gave introduction and explained about the research activities being carried out in Rajiv Gandhi centre for Aquaculture. Next the students visited the Research laboratory, gained the practical Knowledge about the different instruments like spectrophotometer, HPLC, Atomic absorption spectrophotometry and PCR. Afterwards the students were taken into the Microbiology Laboratory and were explained about the soil testing and quality checking of water and were allowed to visit the Histopathology laboratory, where they were enlightened about the various processes involved in the histopathology techniques. And then the students visited the Food technology laboratory. After the lunch the students were moved to Mangroove Crab hatchery, where gain knowledge about the Crab culturing and Seabass hatchery, here they gathered the information about the various forms of aqua culturing and gained some idea about the culturing of the nutrient rich fish for the export purpose. Finally, we thanked the director and other staff members and left the institution .From this visit, the students really got some acquaintance in various latest processes carried out in this research institute for the betterment of the society especially in the aquaculture field and really it was a very useful and constructive for the future generation in the field of entrepreneurship.



Dr.Ananad Research Associate gave a introduction about Institute


Staff incharge
Dr.S.Celine Hilda Mary


Head of the Department
DR.P.MARIE AROCKIANATHAN,
ASSOCIATE PROFESSOR & HEAD,
PG & Research Dept. of Biochemistry,
St.Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.

Date: 11.1.24
Place: Cuddalore

From,

Dr.P.Marie Arockianathan,
Head(Biochemistry),
St.Joseph's College of Arts & Science (Autonomous),
Cuddalore-1.

To,

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

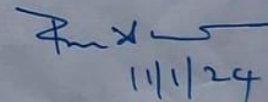
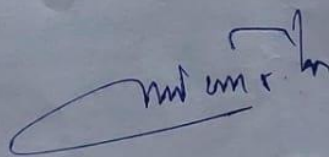
Sub: Field visit-reg

Respected Fr,

As we got permission for the field visit on 23rd Jan for our PG students (21 in number) in Rajiv Gandhi centre for Aquaculture, Sirkali. We solicit your permission to take our students on that day and also provide O:D for our students and two staff members.

Thank you,

Sincerely,



11/1/24

Permission letter



Students listening in the Biochemistry Laboratory



Students watching in the Histopathology laboratory

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
CUDDALORE-1**

Report No:

Report Title : Field visit to Rajiv Gandhi centre for Aquaculture.

Date : 23.01.2024

Sl. No	ROLL NO	NAME	MAIL ID	PHONE NUMBER	SIGN
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4	A22MBC04	BHARATH VIMALRAJ. C	bharathvr45@gmail.com	8122513869	AAA
5	A22MBC05	BHUVANA. M	bhuvanam025@gmail.com	9361957945	M. Bhuvan
6	A22MBC06	DAVASEELAN. T	davaseelan8@gmail.com	6374384210	Davaseelan T
7	A22MBC07	DINESH RAJ. S	sadlessdinesh@gmail.com	6383189261	Dinesh Raj S
8	A22MBC08	ILANGODI. R	raviilangodi@gmail.com	9360810846	ILANGODI R
9	A22MBC09	ISHWARYA. S	subiilakkiya@gmail.com	8754852269	ISHWARYA S
10	A22MBC10	JAYASHREE. S	jaya2002sri@gmail.com	6374201511	S. Jayashree
11	A22MBC12	KAMALI. R	r.kamalikuttyma@gmail.com	7397605353	R. Kamali
12	A22MBC13	KARTHIKEYAN. K	karthik27kalai@gmail.com	7639760731	Karthikeyan K
13	A22MBC14	LEELA VARSHINI. R	leelavarshini96006@gmail.com	9159357846	Leelavarshini R
14	A22MBC15	MANOJKUMAR. K	manojkumara19bcd25@gmail.com	6379618198	manoj k
15	A22MBC16	PITHAA MENCY. D	pithaamency@gmail.com	9500965267	Pitha Mency D
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17	A22MBC18	RESHMA. I	reshureshma9001@gmail.com	9786689058	RESHMA I
18	A22MBC19	SANGEETHA. R	Sangeethavimala2910@gmail.com	6380636273	Sangeetha R
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22	A22MBC24	SOUNDHAR. R	Soundharsoundhar233@gmail.com	6374820861	Soundhar R
23	A22MBC25	SUPRIYA. M	manisupriya2001@gmail.com	8122277544	Supriya M
24	A22MBC26	YOGESH. K	ajithyogesh6759@gmail.com	7339660583	Yogesh K

STAFF - IN - CHARGE


DR. S. CELINE HILDA MARY

[Signature]
22/1/24

Feedback from the students

1. I got more knowledge about pisciculture through this visit
(Anandhalakshmi .R- A22MBC 02)
2. This visit was very useful and learnt more knowledge about the Crab hatchery and Seabass hatchery (Reshma .I-A22MBC18)
3. I gained more information about the various processes involved in histopathology and other biochemical techniques .(Supriya.M A22MBC26)


Staff incharge
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