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**T.R.R.GOVERNMENTDEGREECOLLEGE::KANDUKUR**

**PRAKASAMDISRICT-ANDHRAPRADESHPIN:523 105**

[AffiliatedtoAcharayaNagarjunaUniversity]

[Established in 1966]

## **DEPARTMENT OF CHEMISTRY**

### **FIELD TRIP**

**DEVI SEA FOODS**

**SINGARAYAKONDA**

**07 MAY 2022**

To  
The Principal  
TRR GDC  
Kandukur  
Dear sir

Kandukur


04.05.2022

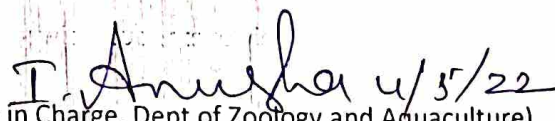
Sub: TRR GDC Kandukur- Field Visit- Dept Of Chemistry, Dept of Zoology and Aquaculture-  
visiting Devi Sea Foods Industry- requesting Permission-Regarding

We would like to bring your kind notice that the Students of B.Sc of our college along with staff  
would like to visit Devi Sea Foods Industry on 07.05.2022 to get awareness about Biochemical  
applications practicing in that industry. Please permit us along with students to visit Devi Sea Foods,  
SIngarayakonda, Prakasam dt.

Thank you sir

Yours Sincerely

  
(Lecturer in Charge, Dept of chemistry)

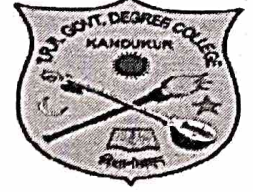
  
(Lecturer in Charge, Dept of Zoology and Aquaculture)



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**T.R.R GOVERNMENT DEGREE COLLEGE: KANDUKUR-523 105  
PRAKASAM DISTRICT: ANDHRA PRADESH**

**Dr.M.RaviKumar, M.Sc, M.Phil, Ph.D,**

**PRINCIPAL**

**Mobile No: 9440221228**

**Date: 04/05/2022**

To  
The Managing Director  
Devi Sea Foods  
Singarayakonda  
Prakasam District.

Dear Sir,

Sub: TRR.GDC, Kandukur - Field Visit - Department of Chemistry,  
Zoology and Aquaculture - Visiting your industry- Requesting  
permission - Regarding.

\*\*\*\*\*

I would like to bring your kind notice that the students of B.Sc of our College along with staff would like to visit your industry on 07-05-2022 to get awareness about Bio Chemical Applications practicing in your industry as a part of MOU with your organization. Please permit my students to visit your industry.

Thanking you,

**PRINCIPAL**  
**T.R.R. Govt. Degree College**  
**KANDUKUR - 523105**  
Dist.

# **TRR GOVERNMENT DEGREE COLLEGE**

## **KANDUKUR, SPSR NELLORE DIST.**

### **FIELD TRIP**

**DEVI SEA FOODS SINGARAYAKONDA PRAKASAM Dist.**

**VISIT ON 07.05.2022**

#### **Objectives of Prawn Processing:**

Prawn Processing involves , preparing Prawn and seafood for delivery to consumers. Once the prawn is harvested it must undergo several steps before it read to be sold in the market. The process includes gutting ,filleting and packaging of the product. Prawn is a highly perishable food so it must be carefully handled from the moment caught un till it is sealed in packing material . Proper , efficient processing and packing prevent deterioration and ensure a quality product.

Prawn Processing involves the following steps

- **Sorting Prawn by Size**
- **Manually heads are removed**
- **Moving prawns in to a cleaning machine maintained water PH at 4**
- **Grading**
- **Freezing at -40°C**
- **Packing**

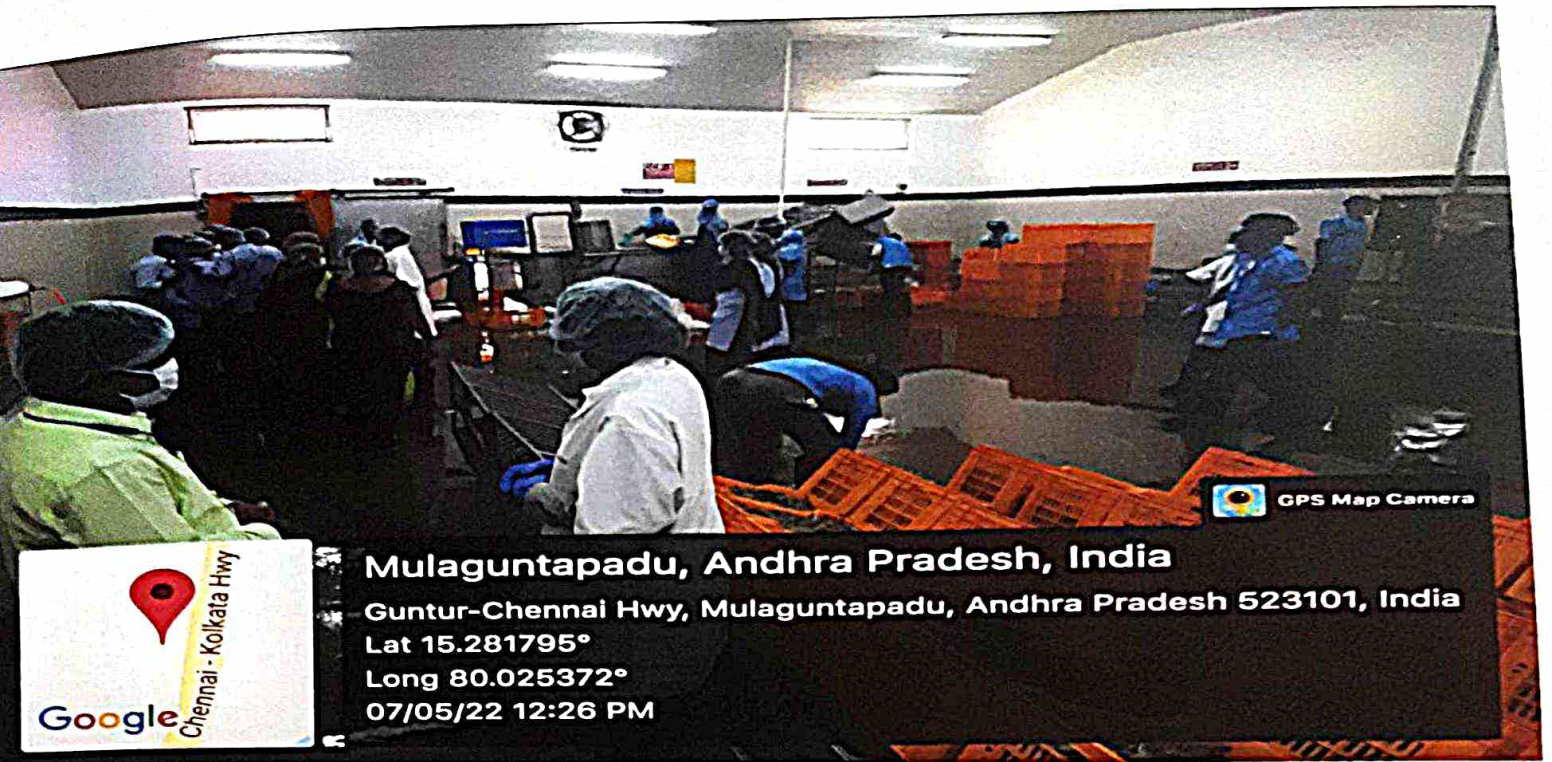
We lecturers of Dept of Chemistry along with Dept of Physics, Dept of Botany, Dept of Zoology and Dept of Aquaculture of TRR GDC Kandukur Visited DEVI SEA FOODS, SINGARAYAKONDA Prakasam Dist on 7.5.2022 as part of field trip along with students of III BZC, I BZC, I AZC



Principal inaugurated the field trip at college campus on 07-05-2022



At entry level Senior staff guiding students and staff regarding protocol (Sanitization measures) of visit



washing conditions of shrimps and maintenance of PH of water meant for washing



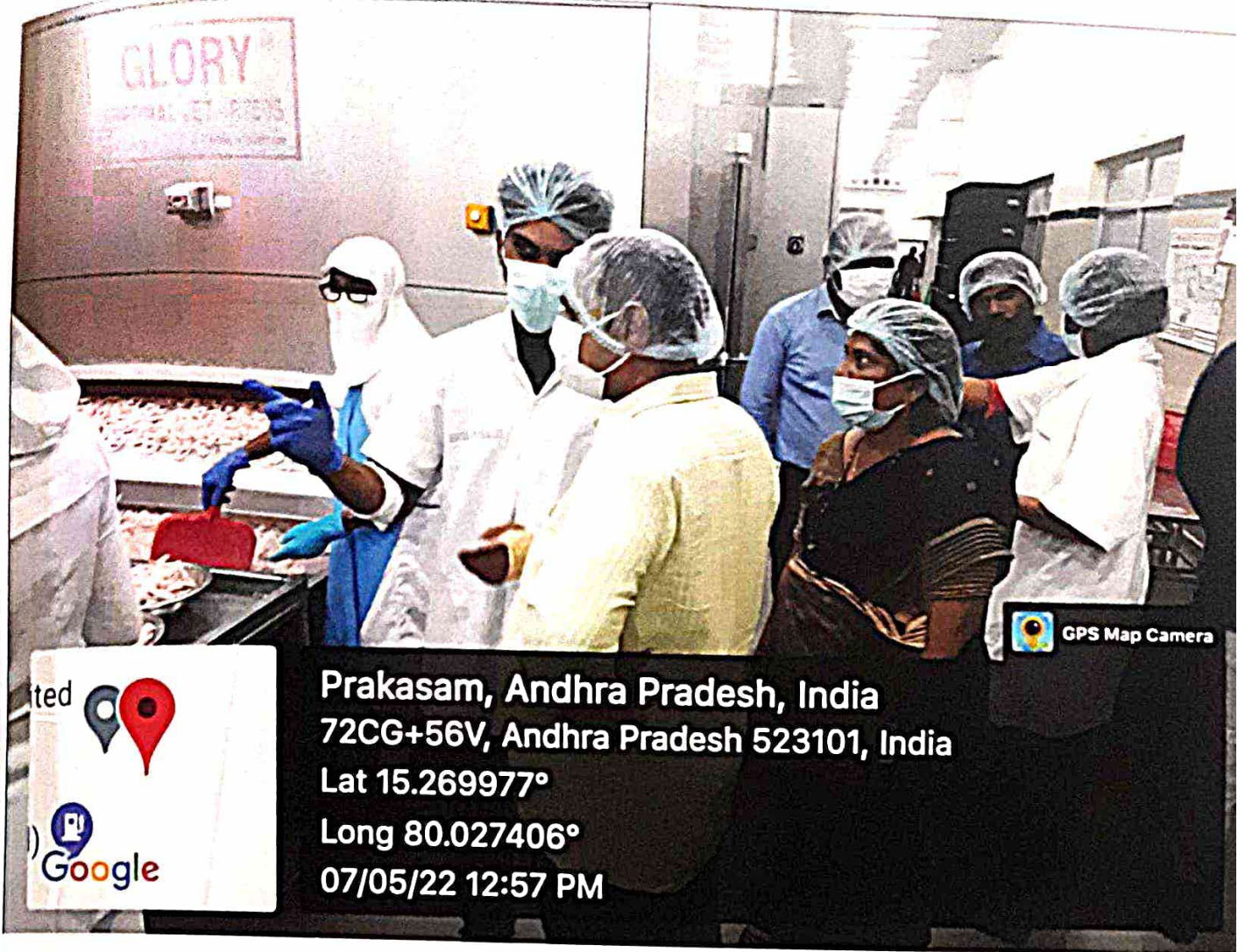
Cleaning of Shrimps



Preparation by Grading:



Grading of Shrimps



Deep Freezing Techniques



Stacking Phenomenon

# TRR GOVERNMENT DEGREE COLLEGE, KANDUKUR

## DEPARTMENT OF CHEMISTRY

### FIELD TRIP

DEVI SEA FOODS SINGARAYAKONDADATE:

### ATTENDANCE

DT: 07.05.2022

SLNO	NAME OF THE STUDENT	GROUP	SIGNATURE
1	T. Padmaja	A.Z.C	T. Padmaja
2	R. Jala Kumari	B.Z.C	R. Jala Kumari
3	V. Jhasasi	B.Z.C	V. Jhasasi
4	R. Divya	B.Z.C	R. Divya
5	D. Priya	A.Z.C	D. Priya
6	K. Vanthy	B.Z.C	K. Vanthy
7	T. Chandana	A.Z.C	T. Chandana
8	P. Saravanti	B.Z.C	P. Saravanti
9	P. Navaneetha	B.Z.C	P. Navaneetha
10	N. Janefa	B.Z.C	N. Janefa
11	E. Sai hemanth	A.Z.C	E. Sai hemanth
12	K. year Priy	A.Z.C	K. year Priy
13	CH. SOWJANYA	B.Z.C	CH. SOWJANYA
14	N. Narasimha Rao	III M.P.C	N. Narasimha Rao
15	D. Madana	III B.Z.C	D. Madana
16	G. Bhagyalakshmi	III B.Z.C	G. Bhagyalakshmi
17	J. neelima	3 <sup>rd</sup> B.Z.C	J. neelima
18	K. Vasanthe	I. B.Z.C	K. Vasanthe
19	P. Sureshwar	I. B.Z.C	P. Sureshwar
20	A.V.M. krishna	I. B.Z.C	A.V.M. krishna
21	K. siva Rama Krishna	I. B.Z.C	K. siva Rama Krishna

S. Kavya	I BZC	S. Kavya
Y. Bala chandra	I BZC	Y. Bala chandra
G.V. Sushma	AZC	G.V. Sushma
G. Sandya Rani	III BZC	G. Sandya
N. Rajesh	I AZC	N. Rajesh
SK. Humnisa Begum Johnson	"	SK. Humnisa Johnson.
M. Karthi Kumari	A.Z.C	Karthi Kumari
I. Gayatri	I AZC	I. Gayatri
G.V. Varadhan	AZC	G.V. Varadhan
N. Karthik	AZC	N. Karthik
G. Narajana	III BZC	G. Narajana
A. Srischa	III BZC	A. Srischa
K. Sarojanya	III BZC	K. Sarojanya
A. Sai	IIIrd MPC	A. Sai
M. Mahendra	III BZC	M. Mahendra
H. Vengaveri	III BZC	H. Vengaveri
M. Maneesha	III BZC	M. Maneesha
R. Padma	III BZC	R. Padma



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[Established in 1966]

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## **DEPARTMENT OF CHEMISTRY**

**INVITED TALK ON "BIO-CHEMICAL ANALYSIS"**

**UNDER MOU**

**BY**

**DEVI SEA FOODS PVT.LIMITED,**

**SINGARAYAKONDA**

**&**

**MUNNANGI SEA FOODS PVT.LIMITED,**

**ZARUGUMALLI.**

**22-07-2022**



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[Established in 1966]

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To

The Manager

Devi Sea Foods Pvt Ltd


Singarayakonda

Prakasam Dist

Dear Sir

Sub: T.R.R.Govt. Degree College Kandukur-On Part of M.O.U- Inviting Technical Person of Your Industry for Invited Talk- request- regarding

I wish to bring your notice that <sup>as</sup> on part of Memorandum of Understanding with our college I request you please depute one technical person to give a talk on 22.07.2022 regarding ongoing Bio chemical process practicing in your industry and job opportunities in your industry for the benefit of students

  
PRINCIPAL 18/7/22  
T.R.R. GOVT. DEGREE COLLEGE  
NAAC Accredited B  
KANDUKUR-523 105, Prakasam Dt



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**CIRCULAR**


The students of B.Sc (B.Z.C, A.Z.C and M.P.C) are informed that the Department of Chemistry is organizing a special talk on Bio-Chemical Process practicing and Job Opportunities in Shrimp Industry by the Technical team of Devi Sea Foods, Singarayakonda and Munnangi Sea Foods, Zarugumalli on 22.07.2022. It is hereby instructed to attend the above said programme without fail.


  
21/7

C.B. Kamala Babu  
Dean in Charge  
Dept. of Chemistry

  
21/7  
K.S. (I M.P.C, M.P.C)  
24/7  
K.S. (I M.P.C, M.P.C)

II B.Sc. B.Z.C 

A.Z.C 

I B.Z.C, A.Z.C 



# T.R.R GOVERNMENT DEGREE COLLEGE

Kandukur,Prakasam District,Andhra Pradesh,Pincode:523105  
[Established in 1966,Re-Accreditedated with 'B' by NAAC]  
Affiliated to Acharya Nagarjuna University



## DEPARTMENT OF CHEMISTRY

INVITED TALK on 22.07.2022

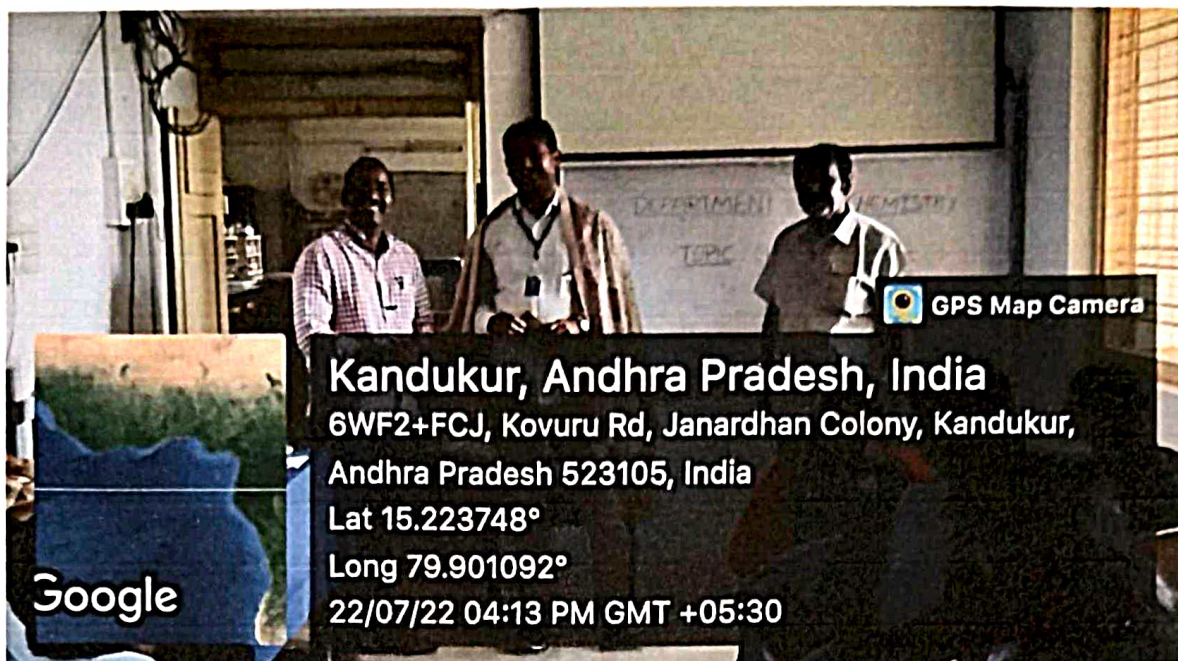
The department of Chemistry in association with department of Zoology as part of Memorandum of Understanding with Devi Sea Foods, Singarayakonda and Munnangi Sea Foods, Zarugumalli the technicians Sri M. Malyadri, Quality Control In Charge of Devi Sea Foods Ltd Singarayakonda, and Sri I. Dastagiri, H.R Manager Munnangi Sea Foods Pvt. Ltd, Zarugumalli are invited to share their experience with our students regarding Bio Chemical Process that takes place at Shrimp Industry and Nature of Job and Job Opportunities in their industry. 52 Students of II B.Sc B.Z.C, A.Z.C, M.P.C and I B.Sc B.Z.C, A.Z.C, M.P.C were attended the programme

During their talk Mr. I. Dastagiri H.R Manager of Munnangi Sea foods Pvt. Ltd explained

- Availability of various jobs in their industry
- working hour
- Pay Matrix
- Transport Facility
- Provident Fund
- Bonus



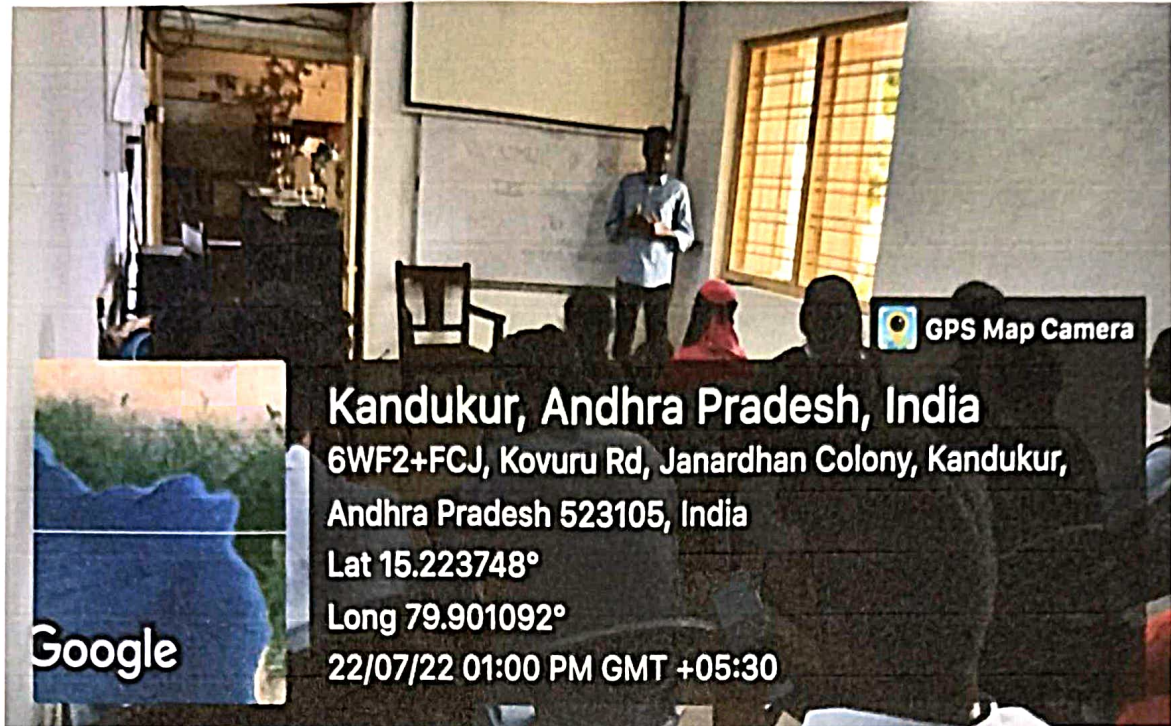
Sri I. Dastagiri H.R Manager, Munnangi Sea foods, addressing students



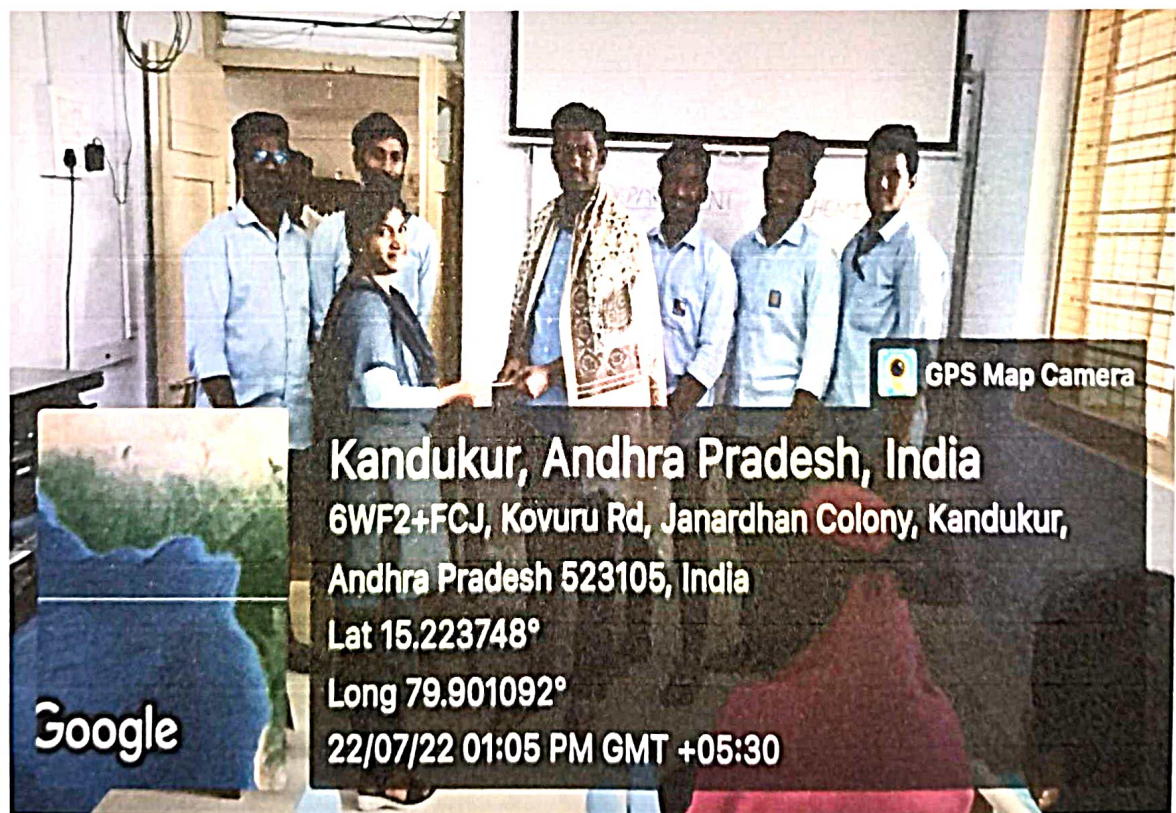
Felicitation to Sri I. Dastagiri, H.R Manger, Munnangi Sea Foods

Sri M. Malyadri In Charge of Quality Control, Devi Sea Foods PVT Ltd delivered a lecture on following contents those are as follows

- Maintenance of  $P^H$  of water during processing of Prawns
- Maintenance of Chlorine content in water
- Estimation of Carbohydrates in Shrimps
- Need to Estimate Moisture in Shrimps
- Estimation of Protein Content and Polypeptide Profiling Using Sodium Dodecyl Sulfate-Polyacrylamide Gel Electrophoresis (SDS-PAGE)
- Estimation of Fatty Acid Content and Composition
- Volatile Compound Analysis
- Sensory Analysis of Odour.
- Microbiology Analyses
- Importance of estimation of quantity of Antibiotics on Shrimps



Sri. M. Malyadri, In charge of Quality Control, Devi Sea Foods, delivering lecture



Felicitation to Sri M. Malyadri, In Charge of Quality Control, Devi Sea Foods

**Out Comes:**

- Awareness regarding Bio-Chemical Process in Shrimp Industry
- Awareness regarding Job Opportunities in Shrimp Industry
- Relativeness of their subject with ongoing process in Shrimp Industry
- Students will be confident of getting a job in the Shrimp Industry after the completion of the Course.

## T.R.R GOVERNMENT DEGREE COLLEGE, KANDUKUR

## DEPARTMENT OF CHEMISTRY

## ATTENDANCE SHEET

22/07/22

s.no	Reg.No of students	Name of the students	Signature
1.	Y203037001	A. KALYAN	A. Kalyan.
2.	Y203037016	V. Gopi	V. Gopi
3.	Y203037014	S. Jayaramulu.	S. Jayaramulu.
4.	Y203037003	B. Amulya.	B. Amulya.
5.	Y203037007	J. Philip	J. Philip
6.	Y203037011	P. Lavanya	P. Lavanya
7.	Y203037010	O. Sowjanya.	O. Sowjanya
8.	Y203037025	T. Tranthimai	T. Tranthimai
9.	Y203037022	K. Allen christina	K. Allen christina
10.	Y203037021	J. Akshaya	J. Akshaya
11.	Y203037018	Ch. Tyaltisna	Ch. Tyaltisna.
12.	Y213037017	ch. Deepthi..	ch. Deepthi.
13.	Y213037030	P. SRAVANI	P. Sravani
14.	Y213037007	N. Jenifa	N. Jenifa
15.	Y213037033	T. PADMATA	T. Padmaja
16.	Y213037034	T. Chandana	T. Chandana
17.	Y213037032	SK. SAMEERA	sk. Sameera.
18.	Y213037022	G. vijayvardan	G. vijaya vardhan
19.	Y213037019	D. Priya	D. Priya
20.	Y213037018	Ch. sravanthi	Ch. sravanthi
21.	Y213037026	k. Sowjanya	k. Sowjanya
22.	Y213037029.	N. Rajesh	N. Rajesh.
23.	Y213037013	R. Divya	R. Divya
24.	Y213037012	R. Jhansi	R. Jhansi
25.	Y213037009	P. Sravanti	P. Sravanti

26.	Y213037006	K. Vasantha	K. Vasantha.
27.	Y213037002	ch. sowjanya	ch. sowjanya
28.	Y213037011	R. Jala Kumari	R. Jalakumari
29.	Y213037052	T. Venkateswulu	T. Venkateswulu
30.	Y213037004	K. Sivaramakrishna	K. Sivaramakrishna.
31.	Y213037001	A.V. Muralikrishna	A.V. Muralikrishna
32.	Y203037043	K. Madhu	K. Madhu
33.	Y203037045	P. Susmitha	P. Susmitha
34.	Y203037042	K. Lakshmi	K. Lakshmi
35.	Y203037037	B. Madhan Kumar	B. Madhan Kumar
36.	Y203037026	T. Kiran Tyothi	T. Kiran Tyothi
37.	Y203037023	M. Rajasekhar.	M. Raja sekhar.
38.	Y203037024	N. prabhas	N. Prabhas
39.	Y203037044	M. Ganesh	M. Ganesh
40.	Y213037020	E. Sai Hemanth	E. Saittemanth
41.	Y203037008	M. Kothi Surya.	M. Kothi Surya.
42.	Y203037005	G. MADHURI	G. Madhuri
43.	Y203037012	R. Prasad	R. Prasad
44.	Y203037041	I. Vinaykumar	I. Vinaykumar
45.	Y203037013	S. Balaji	S. Balaji
46.	Y203037009	M. Balaji	M. Balaji
47.	Y213037029	N. Rajesh	N. Rajesh
48.	Y203037046	P. Rajkumar	P. Rajkumar
49.	Y203037017	A. Raj Kumar.	A. Raj Kumar.
50.	Y213037014	S. Kavya	S. Kavya
51.	Y203037019	G.V.S. Balaji	G.V.S. Balaji
52.	Y203037047	P. Seemanni	P. Seemanni
53.			
54.			
55.			
56.			