

**INTERNSHIP
CHEMISTRY**



**OIL AND NATURAL GAS CORPORATION LTD.
CAUVERY ASSET : HR / ER :: HRD
NERAVY COMPLEX, KARAİKAL-609 604
Ph.No.04368-265034 Fax No.04368-238126**

No.CA/KKL/HRD/Stu.Trng/147902/2023

Date:08.01.2024

To
The Principal
ADM College for Women
Nagapattinam - 611001

Sub: Project/Internship at ONGC, Cauvery Asset, Karaikal

Sir,

Please refer your letter dated 23.11.2023 on the above subject. It is intimated that the Competent Authority has approved Project/Internship/Training in ONGC, Karaikal from **08.01.2024 to 17.01.2024** for the following student(s) who is/are studying M.Sc, Chemistry in your institution subject to the following terms and conditions:-

S.NO	NAME S/SHRI
1	S VARSHADEVI - 9080102520
2	A MENAGA - 8870189067
3	M SVEHA - 9940416032
4	M BHAKYALAKSHMI - 9360467177

1. Training will be on working days and only during the office hours.
2. No boarding, lodging and conveyance shall be provided by ONGC.
3. No stipend/scholarship shall be paid to the students during the training.
4. No classified information shall be accessible to the students.
5. The information, so collected, shall be used, for academic purpose only and shall not be revealed to outsiders.
6. The students shall strictly adhere to the rules and regulations of ONGC and maintain confidentiality of the data, if any, collected.
7. All safety and other precautions should be strictly adhered to and in no case ONGC will be responsible for any liability whatsoever.

In the above said Project/Internship/Training, the Mentor is **Shri P. MATHIALAGAN, Chief General Manager (Chemistry)**

The above student(s) may be directed to report to the Undersigned, with prior intimation and for further necessary action.

Regards,

C N SARAVANA KUMAR
HR EXECUTIVE

Copy to:

1. **Shri P. MATHIALAGAN, Chief General Manager**
ONGC Cauvery Asset, Karaikal.
2. **In - Charge Security, ONGC Cauvery Asset, Karaikal.**

சி.என். சரவணகும்ார் / C.N. SARAVANA KUMAR
HR Executive
ONGC, Cauvery Asset, Karaikal



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Ph.No.04368-235086/235034

File No.CA/KKL/HRD/Stu.Trg/XX-38/2024

Date : 23.01.2024

WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms VARSHADEVI S,** a student of M.Sc.Chemistry, studying at A.D.M College For Womens has undergone Internship at ONGC from 08.01.2024 to 17.01.2024. She has successfully completed her Internship work on 17.01.2024 in discipline of Chemistry. During the training, she took keen interest in the assigned work. We wish her all success in her academic endeavours and life.

(S.DHAKSHINAMURTHY)
MANAGER (HR)-I/C HRD

S. DHAKSHINAMURTHY
MANAGER (HR) - I/C HRD
ONGC, CAUVERY ASSET
KARAIKAL - 609 604



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File No.CA/KKL/HRD/Stu.Trg/XX-39/2024

Date : 23.01.2024

WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms MENAGA A,** a student of M.Sc.Chemistry, studying at A.D.M College For Womens has undergone Internship at ONGC from 08.01.2024 to 17.01.2024. She has successfully completed her Internship work on 17.01.2024 in discipline of Chemistry. During the training, she took keen interest in the assigned work. We wish her all success in her academic endeavours and life.

(S.DHAKSHINAMURTHY)
MANAGER (HR)-I/C HRD

S. DHAKSHINAMURTHY
MANAGER (HR) - I/C HRD
ONGC, CAUVERY ASSET
KARAIKAL - 609 604



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Ph.No.04368-235086/235034

File No.CA/KKL/HRD/Stu.Trng/XX-40/2024

Date : 23.01.2024

WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms SVEHA M.** a student of M.Sc.Chemistry, studying at A.D.M College For Womens has undergone Internship at ONGC from 08.01.2024 to 17.01.2024. She has successfully completed her Internship work on 17.01.2024 in discipline of Chemistry. During the training, she took keen interest in the assigned work. We wish her all success in her academic endeavours and life.

(S.DHAKSHINAMURTHY)
MANAGER (HR)-I/C HRD

S. DHAKSHINAMURTHY
MANAGER (HR) - I/C HRD
ONGC, CAUVERY ASSET
KARAIKAL - 609 604



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Ph.No.04368-235086/235034

File No.CA/KKL/HRD/Stu.Trng/XX-41/2024

Date : 23.01.2024

WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms BHAKYALAKSHMI M,** a student of M.Sc.Chemistry, studying at A.D.M College For Womens has undergone Internship at ONGC from 08.01.2024 to 17.01.2024. She has successfully completed her Internship work on 17.01.2024 in discipline of Chemistry. During the training, she took keen interest in the assigned work. We wish her all success in her academic endeavours and life.

(S.DHAKSHINAMURTHY)
MANAGER (HR)-I/C HRD

S. DHAKSHINAMURTHY
MANAGER (HR) - I/C HRD
ONGC, CAUVERY ASSET
KARAİKAL - 609 604

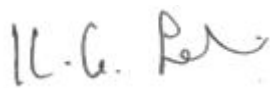
A.D.M.College for Women (Autonomous), Nagapattinam - 611 001.

Internship Training

Minutes

Under DBT star college scheme, 40-Zoology students and two faculty (Dr.S.Vanitha and Dr.K.G.Selvi) attended a training programme on 7.2.24 in the topic “Sustainability of Marine Fisheries in the South East Coast of India cum Marine Exhibition” organized by Fisheries Training Institute, Kalikuppam, Karaikal.

In this programme four scientist from Fisheries Survey of India, Chennai delivered a lecture. Dr.K.Silambarasan, delivered lecture on the topic of Demersal Fishery Resources of Coromandel coast of India. Dr. M.Subash, has taken class on the title of “Boat Engine maintenance and troubleshooting”. Dr. Roshan Maria Peter handled on the topic: “Marine Mammals”. Dr.Y.Tharumar, delivered “Code of Conduct for responsible Fisheries”.



Signature of the coordinator

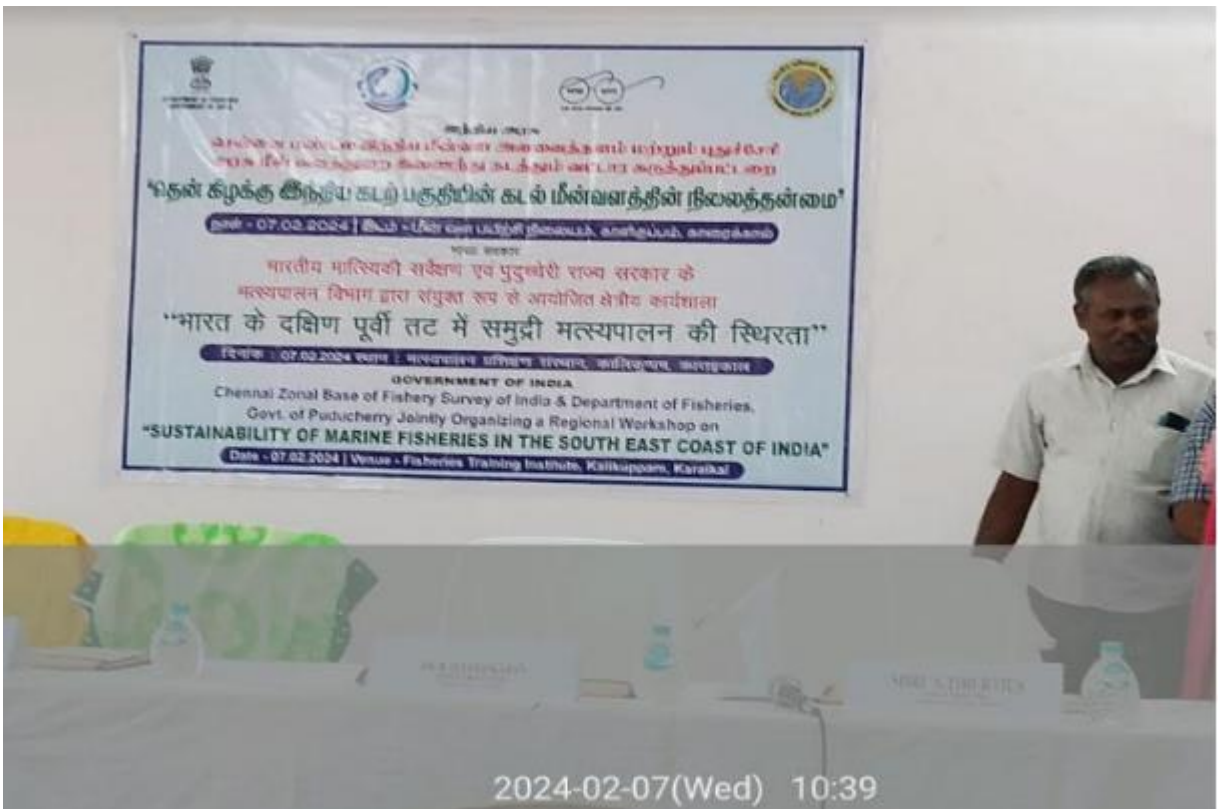


Signature of the HOD

List of Participants

S.No	Reg. No	Name	Class
1.	23UZOO2	M.AMIRTHAVANI	I B.Sc., Zoology
2.	23UZOO3	J.SIVADHARSHINI	I B.Sc., Zoology
3.	23UZOO4	M.VIMALA	I B.Sc., Zoology
4.	23UZOO5	S.THENMOZHI	I B.Sc., Zoology
5.	23UZOO7	M.KAVIYA BANU	I B.Sc., Zoology
6.	23UZOO16	W.VIRGINRAISA	I B.Sc., Zoology
7.	23UZOO18	R.GOWSALYA	I B.Sc., Zoology
8.	23UZOO19	A.AARTHINISHA	I B.Sc., Zoology
9.	23UZOO20	J.JAYASEELI	I B.Sc., Zoology
10.	23UZOO21	V.ANUSUYA	I B.Sc., Zoology
11.	23UZOO22	K.VARSHA	I B.Sc., Zoology
12.	23UZOO23	S.SHEESHA	I B.Sc., Zoology
13.	23UZOO26	B.DEVADHARSHINI	I B.Sc., Zoology
14.	23UZOO28	B.SHARMILA	I B.Sc., Zoology
15.	23UZOO29	R.DHARSHINI	I B.Sc., Zoology
16.	23UZOO30	A.ABINANDHINI	I B.Sc., Zoology
17.	23PSZ101	M.BHUVANESWARI	I M.Sc., Zoology
18.	23PSZ102	S.MATHARASI	I M.Sc., Zoology
19.	23PSZ103	A.MANISHA	I M.Sc., Zoology
20.	23PSZ104	S.P.BHUVANESHWARI	I M.Sc., Zoology
21.	23PSZ105	G.YOGA	I M.Sc., Zoology
22.	23PSZ106	V.YAMUNA	I M.Sc., Zoology
23.	23PSZ107	K.GANGA	I M.Sc., Zoology
24.	23PSZ108	R. AARTHI	I M.Sc., Zoology
25.	22PSZ101	K. KAVIYA	II M.Sc., Zoology

26.	22PSZ102	R. VINOOTHINI	II M.Sc., Zoology
27.	22PSZ103	A. DEVIKA	II M.Sc., Zoology
28.	22PSZ104	G. NIVEDHA	II M.Sc., Zoology
29.	22PSZ105	D. SATHANA	II M.Sc., Zoology
30.	22PSZ106	D. OVIYA	II M.Sc., Zoology
31.	22PSZ107	R. VALLIPRIYADHARSHINI	II M.Sc., Zoology
32.	22PSZ108	P. LEENA	II M.Sc., Zoology
33.	22PSZ109	S. DURGADEVI	II M.Sc., Zoology
34.	22PSZ110	M. LOGESHWARI	II M.Sc., Zoology
35.	22PSZ111	K. SARUBALA	II M.Sc., Zoology
36.	22PSZ112	D. DEVIKA	II M.Sc., Zoology
37.	22PSZ113	E.SUGANYA	II M.Sc., Zoology
38.	21PSZ115	S. JERIN	II M.Sc., Zoology
39.	22PSZ116	S. JANANI	II M.Sc., Zoology
40.	22PSZ117	N. OVIYA	II M.Sc., Zoology
41.	Staff	Dr.S.VANITHA	Assistant Professor of Zoology
42.	Staff	Dr.K.G.SELVI	Assistant Professor of Zoology









DEPARTMENT OF COMMERCE



Dr. V. Renuga, M.Com., M.Phil., Ph.D.,
Associate Professor & Head of the Department i/c,
PG and Research Department of Commerce,
A.D.M.College for Women (Autonomous),
Nagapattinam – 611 001.

Email : renugavenkatraman971@gmail.com
Mobile: 94437 05419

To
Mrs. Tamilselvi, B.Com., A.C.A.,
Tamilselvi Associates,
Nagapattinam.

29.12.2023

Respected Madam,

We have planned to arrange Internship Training for our M.Com., students in January for ten days from 03.01.2024. Kindly permit the following students to undergo Internship Training in your reputed firm.

Name of the Students

Sl.No.	Reg.No.	Name
1.	22PC002	D. Sindhu
2.	22PC003	K. Priyadharshini
3.	22PC006	N.Nandhini
4.	22PC007	K. Gayathiri
5.	22PC012	P. Jaya Priya
6.	22PC013	M. Archana
7.	22PC014	D. Vimala

Thanking You,

Yours faithfully,

V. Renuga
(V. Renuga) 29/12/23

Forwarded





Dr. V. Renuga, M.Com., M.Phil., Ph.D.,
Associate Professor & Head of the Department i/c,
PG and Research Department of Commerce,
A.D.M.College for Women (Autonomous),
Nagapattinam – 611 001.

Email : renugavenkatraman971@gmail.com
Mobile: 94437 05419

To
Mrs. Tamilselvi, B.Com., A.C.A.,
Tamilselvi Associates,
Nagapattinam.

29.12.2023

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4.	22PC007	K. Gayathiri
5.	22PC012	P. Jaya Priya
6.	22PC013	M. Archana
7.	22PC014	D. Vimala

Thanking You,

Yours faithfully,

V. Renuga
(V. Renuga) 29/12/23

Forwarded



From

Dr. V. Renuga, M.Com., M.Phil., Ph.D.,
Associate Professor & Head of the Department i/c,
PG and Research Department of Commerce,
A.D.M.College for Women (Autonomous),
Nagapattinam - 611 001.

A
29.12.23

To

The Principal,
A.D.M.College for Women (Autonomous),
Nagapattinam.

Respected Madam,

Kindly permit the following students to undergo Internship Training in
M/s Varadharajan & Co, Chartered Accountants, Perumal Sannathi, Nagapattinam,
for ten days from 03-01-2024.

Name of the Students

Sl.No.	Reg.No.	Name
1.	22PC001	M. Janani
2.	22PC005	C. Priya
3.	22PC008	M. Sehanaz
4.	22PC011	S. Ramya
5.	22PC015	S. Hasmath Sakina
6.	22PC016	M. Sneha

Thanking You,

Nagapattinam,
29.12.2023.

Yours faithfully,

V. Renuga
(V. Renuga) 29/12/23





 **GPS Map Camera**



Google

तिरुवरुर, तमिल नाडु, भारत
QJC6+767, विलामल, तिरुवरुर, थान्दलाई, तमिल नाडु 610001, भारत
Lat 10.770724°
Long 79.610151°
18/01/24 02:15 PM GMT +05:30



 **GPS Map Camera**



Google

Thiruvurur, Tamil Nadu, India
QJC6+767, Vilamal, Thiruvurur, Thandalai, Tamil Nadu 610001, India
Lat 10.77077°
Long 79.610078°
24/01/24 03:12 PM GMT +05:30

**PG DEPARTMENT OF COMPUTER SCIENCE
PG -INTERNSHIP PROGRAMME (2023-2024)**

- Resource Person** : Dr. Amruta Vishnu Lipare,
Assistant Professor,
Indian Institute of Information Technology (IIIT),
Pune.
- Title of the Internship Programme** : Machine Learning
- Duration of the Programme** : 60 Hours
Beneficiaries : 08 Students (II M.Sc., Computer Science)
- Convener** : Dr.J.Umamaheswari,
Dean of Computer Science,
PG Department of Computer Science,
A.D.M.College for Women (A), Nagapattinam.
- Head of the Department** : Dr. S.Thaiyalnayaki,
Head & Assistant Professor of Computer Science,
PG Department of Computer Science,
A.D.M.College for Women(A),Nagapattinam.
- Coordinator** : 1. Mrs.K.Kavitha,
Assistant Professor of Computer Science,
PG Department of Computer Science,
A.D.M.College for Women (A), Nagapattinam.
2. Mrs.G.Lokeshwari,
Assistant Professor Computer Science,
PG Department of Computer Science,
A.D.M.College for Women (A), Nagapattinam.

A.D.M COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM
PG DEPARTMENT OF COMPUTER SCIENCE
INTERNSHIP REPORT (2023-2024)

In our Department II M.Sc, Computer Science underwent an Internship programme on “Machine Learning”. The Resource Person Dr. Amruta Vishnu Lipare, Assistant Professor, Indian Institute of Information Technology (IIIT), Pune. Totally 8 students were the beneficiaries of this programme in this academic year (2023-2024).

The Duration of the program was from 20.09.2023 to 22.11.2023. Dr.J.Umamaheswari, Convenor, Dr.S.Thaiyalnayaki, Head of the Department, Mrs. K. Kavitha, & Mrs. G. Lokeshwari, Assistant Professor of Computer Science, PG Department of Computer Science, A.D.M.College for Women(A),Nagapattinam has the Coordinator of the programme. The Internship programme is ended with the Valedictory function was conducted on 22.11.2023. Certificates were issued by the Principal of the College.

II M.Sc., Computer Science (2023-2024)

Student Name List with Title:

S.No.	Register No.	Name of the Student	Title
1.	22PCS101	S.Niha	Fake News Detection From Online Media Using Machine Learning Classifiers
2.	22PCS102	S.Sivaranjanai	Fake News Detection From Online Media Using Machine Learning Classifiers
3.	22PCS104	V.Punitha	Credit Card Customer Segmentation Using Clustering
4.	22PCS105	A.Anusha	Credit Card Customer Segmentation Using Clustering
5.	22PCS107	A.Suruthi	Credit Card Fraud Detection Using Machine Learning
6.	22PCS108	R.Bhuvaneshwari	Credit Card Fraud Detection Using Machine Learning
7.	22PCS109	M.Mahira	Password Strength Classifier Using Machine Learning
8.	22PCS110	M.Sowmiya	Password Strength Classifier Using Machine Learning

Dr.S.Thaiyalnayaki
Signature of the HOD

Dr.J.Umamaheswari
Signature of the Dean

SYLLABUS

S.NO.	TOPIC
1.	Data Pre-processing 1: Write a program to perform various data pre- processing techniques in machine learning like Handling null values / missing values, perform one hot encoding and label encoding on data, perform features calling techniques like standardization, normalization etc.
2.	Data Pre-processing 2: Write a program to implement at least 3encoding methods and display the output.
3.	Linear Regression Implementation: Write a program to Perform Linear Regression.
4.	DECISION TREE Implementation: Write a program to implement DECISION TREE algorithm.
5.	K Nearest Neighbours Implementation: Write a program Toper form KNN-K Nearest Neighbours –Classification.
6.	PCA Implementation: Perform PCA on a dataset and calculate the accuracy on it
7.	Naïve Bayes Implementation: Perform Naïve Bayes Algorithm on a dataset and calculate the accuracy on it.
8.	SVM implementation: Perform Support Vector Machine Algorithm on a dataset and calculate the accuracy on it.
9.	ANN implementation: Perform Artificial Neural Network Algorithm on a dataset and calculate the accuracy on it.
10.	K MEANS implementation: Perform K-Means Algorithm on a dataset and calculate the accuracy on it.

Schedule of Internship

S.No	Date	Time	Duration
1.	20.09.2023	3.00 pm to 5.00 pm	2 hrs
2.	21.09.2023	3.00 pm to 5.00 pm	2 hrs
3.	22.09.2023	3.00 pm to 5.00 pm	2 hrs
4.	23.09.2023	3.00 pm to 5.00 pm	2 hrs
5.	25.09.2023	3.00 pm to 5.00 pm	2 hrs
6.	26.09.2023	3.00 pm to 5.00 pm	3 hrs
7.	27.09.2023	3.00 pm to 5.00 pm	2 hrs
8.	29.09.2023	3.00 pm to 5.00 pm	2 hrs
9.	30.09.2023	3.00 pm to 5.00 pm	2 hrs
10.	02.10.2023	3.00 pm to 5.00 pm	2 hrs
11.	03.10.2023	3.00 pm to 5.00 pm	2 hrs
12.	04.10.2023	3.00 pm to 5.00 pm	2 hrs
13.	05.10.2023	3.00 pm to 5.00 pm	2 hrs
14.	06.10.2023	3.00 pm to 5.00 pm	2 hrs
15.	07.10.2023	3.00 pm to 5.00 pm	2 hrs
16.	11.10.2023	3.00 pm to 5.00 pm	2 hrs
17.	12.10.2023	3.00 pm to 5.00 pm	2 hrs
18.	13.10.2023	3.00 pm to 5.00 pm	2 hrs
19.	14.10.2023	3.00 pm to 5.00 pm	2 hrs
20.	16.10.2023	3.00 pm to 5.00 pm	2 hrs
21.	18.10.2023	3.00 pm to 5.00 pm	2 hrs
22.	21.10.2023	3.00 pm to 5.00 pm	2 hrs
23.	25.10.2023	3.00 pm to 5.00 pm	2 hrs
24.	26.10.2023	3.00 pm to 5.00 pm	2 hrs
25.	27.10.2023	3.00 pm to 5.00 pm	2 hrs
26.	28.10.2023	3.00 pm to 5.00 pm	2 hrs
27.	17.11.2023	10.00 am to 12.00 pm	2 hrs
28.	18.11.2023	10.00 am to 12.00 pm	2 hrs
29.	21.11.2023	10.00 am to 12.00 pm	2 hrs
30.	22.11.2023	10.00 am to 12.00 pm	2 hrs

CERTIFICATES



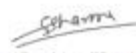
भारतीय सूचना प्रौद्योगिकी संस्थान पुणे
Indian Institute of Information Technology Pune
(An Institute of National Importance, under act of Parliament)
Pune, Maharashtra, India

CERTIFICATE OF COMPLETION

This is to certify that NIHA. S of A.D.M College for Women (Autonomous), Nagapattinam has successfully completed summer internship in the field of Machine Learning (Fake News Detection From Online Media Using Machine Learning Classifiers) under the guidance of Dr. Amruta Vishnu Lipare from 20 September 2023 to 22 November 2023.


Dr. Amruta Vishnu Lipare
Internship Supervisor
IIIT Pune


Dr. Amruta Vishnu Lipare
Coordinator- Internship Programme
IIIT Pune


Dr. Sanjeev Sharma
HoD, CSE
IIIT Pune



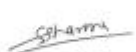
भारतीय सूचना प्रौद्योगिकी संस्थान पुणे
Indian Institute of Information Technology Pune
(An Institute of National Importance, under act of Parliament)
Pune, Maharashtra, India

CERTIFICATE OF COMPLETION

This is to certify that SIVARANJANI S of A.D.M College for Women (Autonomous), Nagapattinam has successfully completed summer internship in the field of Machine Learning (Fake News Detection From Online Media Using Machine Learning Classifiers) under the guidance of Dr. Amruta Vishnu Lipare from 20 September 2023 to 22 November 2023.


Dr. Amruta Vishnu Lipare
Internship Supervisor
IIIT Pune


Dr. Amruta Vishnu Lipare
Coordinator- Internship Programme
IIIT Pune


Dr. Sanjeev Sharma
HoD, CSE
IIIT Pune



भारतीय सूचना प्रौद्योगिकी संस्थान पुणे
Indian Institute of Information Technology Pune
(An Institute of National Importance, under act of Parliament)
Pune, Maharashtra, India

CERTIFICATE OF COMPLETION

This is to certify that PUNITHA. V of A.D.M College for Women (Autonomous), Nagapattinam has successfully completed summer internship in the field of Machine Learning (Credit Card Customer Segmentation Using Clustering) under the guidance of Dr. Amruta Vishnu Lipare from 20 September 2023 to 22 November 2023.


Dr. Amruta Vishnu Lipare
Internship Supervisor
IIT Pune


Dr. Amruta Vishnu Lipare
Coordinator- Internship Programme
IIT Pune


Dr. Sanjeev Sharma
HoD, CSE
IIT Pune




भारतीय सूचना प्रौद्योगिकी संस्थान पुणे
Indian Institute of Information Technology Pune
(An Institute of National Importance, under act of Parliament)
Pune, Maharashtra, India

CERTIFICATE OF COMPLETION

This is to certify that ANUSHA. A of A.D.M College for Women (Autonomous), Nagapattinam has successfully completed summer internship in the field of Machine Learning (Credit Card Customer Segmentation Using Clustering) under the guidance of Dr. Amruta Vishnu Lipare from 20 September 2023 to 22 November 2023.


Dr. Amruta Vishnu Lipare
Internship Supervisor
IIT Pune


Dr. Amruta Vishnu Lipare
Coordinator- Internship Programme
IIT Pune


Dr. Sanjeev Sharma
HoD, CSE
IIT Pune



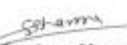
भारतीय सूचना प्रौद्योगिकी संस्थान पुणे
Indian Institute of Information Technology Pune
(An Institute of National Importance, under act of Parliament)
Pune, Maharashtra, India

CERTIFICATE OF COMPLETION

This is to certify that BHUVANESWARI. R of A.D.M College for Women (Autonomous), Nagapattinam has successfully completed summer internship in the field of Machine Learning (Credit Card Fraud Detection Using Machine Learning) under the guidance of Dr. Amruta Vishnu Lipare from 20 September 2023 to 22 November 2023.


Dr. Amruta Vishnu Lipare
Internship Supervisor
IIT Pune


Dr. Amruta Vishnu Lipare
Coordinator- Internship Programme
IIT Pune


Dr. Sanjeev Sharma
HoD, CSE
IIT Pune




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Indian Institute of Information Technology Pune
(An Institute of National Importance, under act of Parliament)
Pune, Maharashtra, India

CERTIFICATE OF COMPLETION

This is to certify that MAHIRA. M of A.D.M College for Women (Autonomous), Nagapattinam has successfully completed summer internship in the field of Machine Learning (Credit Card Fraud Detection Using Machine Learning) under the guidance of Dr. Amruta Vishnu Lipare from 20 September 2023 to 22 November 2023.


Dr. Amruta Vishnu Lipare
Internship Supervisor
IIT Pune


Dr. Amruta Vishnu Lipare
Coordinator- Internship Programme
IIT Pune


Dr. Sanjeev Sharma
HoD, CSE
IIT Pune



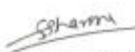
भारतीय सूचना प्रौद्योगिकी संस्थान पुणे
Indian Institute of Information Technology Pune
(An Institute of National Importance, under act of Parliament)
Pune, Maharashtra, India

CERTIFICATE OF COMPLETION

This is to certify that PRATHIKSHA. M of A.D.M College for Women (Autonomous), Nagapattinam has successfully completed summer internship in the field of Machine Learning (Password Strength Classifier Using Machine Learning) under the guidance of Dr. Amruta Vishnu Lipare from 20 September 2023 to 22 November 2023.


Dr. Amruta Vishnu Lipare
Internship Supervisor
IIIT Pune


Dr. Amruta Vishnu Lipare
Coordinator- Internship Programme
IIIT Pune


Dr. Sanjeev Sharma
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CERTIFICATE OF COMPLETION

This is to certify that SOWMIYA. M of A.D.M College for Women (Autonomous), Nagapattinam has successfully completed summer internship in the field of Machine Learning (Password Strength Classifier Using Machine Learning) under the guidance of Dr. Amruta Vishnu Lipare from 20 September 2023 to 22 November 2023.


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INTERNSHIP PROGRAMME
DEPARTMENT OF BIOCHEMISTRY

III B.Sc., Biochemistry (2021-2024)			
1.	21UB101	A. NAFEELA ASMIN	“Biofertilizer Manufacturing & Analysis of Physio- chemical Parameters of different Kinds of Soil and Water”
2.	21UB102	K.SIVANAL	
3.	21UB103	P.DIVYA	
4.	21UB104	K. PRIYADHARSHINI	
5.	21UB106	A. FOUZIL HITHAYA	
6.	21UB107	A. PRISHILLA	
7.	21UB108	R. ABINAYA	
8.	21UB109	P. SANTHIYA	
9.	21UB111	S. OVIYA	
10.	21UB113	M.SWETHA	

A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS),

NAGAPATTINAM- 611 001

(Nationally Re-accredited with “A” grade by NAAC-3rd Cycle)



DEPARTMENT OF BIOCHEMISTRY

Organizes

7 days Internship for Biochemistry Students

On

**“Biofertilizer Manufacturing & Analysis of Physic-chemical
Parameters of different Kinds of Soil and Water”**

Date: 10.05.2023 to 17.05.2023

Plat form: GVPL Campus

Time: 10:00am – 3.00 pm

Resource person

Managing Director

Er. GM. Srinivasan, B.Tech.,

Petroleum Technologist

Galileovasan offshore Research & Development Pvt Ltd,

Nagappattinam - 611002



A.D.M. College for Women, (Autonomous)

Accredited by NAAC with 'A' Grade in the Third cycle

Nagapattinam - 611 001, Tamil Nadu, India

Cordially invites you all

Department of Biochemistry

organizes

Seven days Internship Training Program

on

"Biofertilizer Manufacturing & Analysis of Physio-chemical Parameters of Different kinds of Soil and Water"

Guidance



MANAGING DIRECTOR

Er. GM. Srinivasan, B.Tech.,

PETROCHEMICAL TECHNOLOGIST

GALILEOVASAN OFFSHORE & RESEARCH AND
DEVELOPMENT PRIVATE LIMITED.

NAGAPATTINAM - 611002

TAMILNADU - INDIA

Date : 10.05.2023 to 17.05.2023 (7 days)

Convenor

Ms. Bharathi

**Head (i/c) and Assistant Professor of Biochemistry
A.D.M college for Women(A)
Nagapattinam**

Principal

Dr.R.Anbuselvi

ADM COLLEGE FOR WOMEN

NAGAPATTINAM

DEPARTMENT OF BIOCHEMISTRY

Sub: Requesting permission –to conduct **Sevendays Training Programme** for faculty members and students of Biochemistry Department

This is your consideration that the Department of Biochemistry RAC is going to organize a 7 days workshop to our department faculty members and students on 10.05.2023 to 17.05.2023, the Resource person Er. GM. Srinivasan, Managing Director, Galileocean Offshore & Research and Development, Nagapattinam – 611002 .Hence, we hereby request your kind approval and grant permission for the same.

Thank you

Yours truly

PRINCIPAL

ADM COLLEGE FOR WOMEN
Nagapattinam - 611002
AFFILIATED TO BHARATHIDASAN UNIVERSITY,
TIRUCHIRAPALLI
DEPARTMENT OF BIOCHEMISTRY

7 days Training Report

Date: 10.05.2023 to 17.05.2023

Time: 10.00am – 3.00pm

On behalf of Biochemistry Department we attended the 7 days get useful the Biochemistry students. The program for the Biochemistry students of second year BSc Biochemistry attended on 10rd May, 2023 to 17th May 2023 at 10.00am to 03.00 PM at Galileovasan off shore and Research and Development Pvt Ltd, Industrial Estate, Nagapattinam – 6110002. Students were formally welcomed and trained to Biofertilizer manufacturing & Analysis of Physiochemical Parameters of Different kinds of soil and water. This training began with a brief welcome address by the Plant Head of GVPL Doctor Dr. A. Vijayalakshmi at our GVPL campus. The resource persons were Er. GM.Srinivasan, GVPL, Nagapattinam, as delivered the speech in the title of “Industrial Training” get beneficial to students get the opportunity.

Mrs.G.Dharani

Organizer

Ms.M.Bharathi

Convenor

Day 1: Water Analysis

Day 1 has practiced the water analysis determined the pH, Temperature, Total Dissolved Solid, and Electrical Conductivity of different kind of water samples which is collected from different villages



Day 2: Soil Analysis

Day 2 has trained the soil analysis through different soil samples determination the pH, Temperature, Total Dissolved Solid, and Electrical Conductivity of different kind of soil.



Day 3: Isolation and Identification of Biofertilizer (Brady, Azo and Sino Rhizobium from Green gram)

Day 3: Hands on training given regarding manufacturing procedures of Bioliquid fertilizers development stages I – Sterilization process and their Types, Isolation and identify the morphological structure of Rhizobium species from Avarai root nodules,



Day 4: Subculturing of Rhizobium sps

Day 4 Hands on training given regarding manufacturing procedures of Bioliquid fertilizers development stages II – 1. Medium preparation, inoculation, Subculturing, and Mass production of Rhizobium species.



Day 5: Pot experiment

Day 5: Pot experiment – Manufactured liquid biofertilizers further processed for pot experiment. Finally identified the plant growth development processed. Avarai seeds Divided has counseling given about career opportunity for the field of Biochemistry and how to search job from various job offer.



Day 6 &7 :

PLANT VISIT

Certificate issue and Feedback session

Certificates issued and followed feedback section were over. From this training program Biochemistry IInd Year students were participated and got more beneficial hands on experiences. Each session were conducted individually and encouraged the students by well talented with future scope.

Finally Dr. A Vijayalakshmi delivered vote of thanks successfully program were end.

