



Dr. S.Revathi  
Assistant Professor (Sr. Gr.)  
Department of Chemistry, CEG Campus  
Anna University, Chennai-600 025  
E-Mail: sreva\_2003@yahoo.co.in

13 June 2024


**CERTIFICATE OF SUMMER INTERNSHIP**

Department of Chemistry, CEG Campus  
Anna University, Chennai-600 025  
E-Mail: sreva\_2003@yahoo.co.in

This is to certify that **Mr. ACHYUTH KUBER P (23D3374)** P.G. & Research Department of Chemistry, Dwaraka Doss Goverdhan Doss Vaishnav College, Arumbakkam, Chennai has joined under my guidance and worked as summer internship fellow from **07.05.2024 to 07.06.2024**. The research work was investigated in the field of **MESOPOROUS MATERIAL SYNTHESIS** in the Department of Chemistry, Anna University, Chennai - 25. During this period, I observed that his Contact and character are very good. I wish him success in all his future endeavors.

**CERTIFICATE OF SUMMER INTERNSHIP**

This is to certify that **Mr. ACHYUTH KUBER P (23D3374)** P.G. & Research Department of Chemistry, Dwaraka Doss Goverdhan Doss Vaishnav College, Arumbakkam, Chennai has joined under my guidance and worked as summer internship fellow from **07.05.2024 to 07.06.2024**. The research work was investigated in the field of **MESOPOROUS MATERIAL SYNTHESIS** in the Department of Chemistry, Anna University, Chennai - 25. During this period, I observed that his Contact and character are very good. I wish him success in all his future endeavors.

  
(Dr.S.Revathi)

**Dr. S. REVATHI Ph.D.,**  
Assistant Professor  
Department of Chemistry  
College of Engineering, Guindy Campus  
Anna University, Chennai - 600 025.



**MCRC**

**SHRI A.M.M. MURUGAPPA CHETTIAR  
RESEARCH CENTRE**

(Established in the year 1977)

Taramani, Chennai - 600 113, INDIA  
Tel : 044-2243 0937 / 2243 4268  
Fax : 044-2243 0369  
email:energy@mcrc.murugappa.org  
web: www.amm-mcrc.org

Date: 18.06.2024

**CERTIFICATE**

This is to certify that **Mr.ANAND.C**, I year **M.Sc.** Student (Reg. Number:2313092049102), Department of Chemistry, Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai was an intern on "**CARBON FOOTPRINT ASSESSMENT OF A TYPICAL INDIAN VILLAGE - CARBON NEUTRALITY**" during the period from 02.05.2024 to 04.06.2024 (24 days Present out of 24 days) at our Research Centre under the guidance of **Dr. MYTHREYI.OV.**

*N. Unnamalai*  
**Dr. N. Unnamalai** 18/6/24  
**Principal Scientist**

# Fourrts

(India) Laboratories Pvt. Limited

PLANT II : No. 23, Venkatamangalam, Kandigai, Chennai - 600 127. INDIA.  
Phone : 91-44-4902 7550 E-mail : plant2@fourrts.com

Ref: FIN/HR/2024

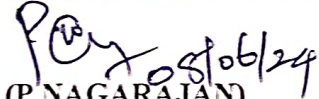
Date: 08/06/2024

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.EZHIL RAJAN.R.V (Roll No.23D3363)** Studying 1st year **M.Sc(Chemistry)**, in **Dwaraka Doss Goverdhan Doss Vaishnav College**, Arumbakkam, Chennai-603106 has completed his Internship training in our Organization from **08/05/2024 to 08/06/2024**. During the course of his training period with us, he was found to be sincere and regular.

We wish him all success in his future endeavors.

For FOURRTS (INDIA) LABORATORIES PVT LTD.,

  
(P.NAGARAJAN)  
DEPUTY MANAGER – HR.



Corporate Office : No. 1, Fourrts Avenue, Annai Indira Nagar, Okkiyam Thoraipakkam, Chennai - 600 097, India. Phone : 91-44-4344 1880 E-mail : admin@fourrts.com  
website : www.fourrts.com CIN : U85185TN1979PTC007782  
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Phone : 91-44-4740 4310 E-mail : fourrts@plant.fourrts.com



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Ref: FIN/HR/2024  
Date: 08/06/2024

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.GOKUL.S (Roll No.23D3361)** Studying 1st year **M.Sc(Chemistry)**, in **Dwaraka Doss Goverdhan Doss Vaishnav College**, Arumbakkam, Chennai-603106 has completed his Internship training in our **Organization from 08/05/2024 to 08/06/2024**. During the course of his training period with us, he was found to be sincere and regular.

We wish him all success in his future endeavors.

For FOURRTS (INDIA) LABORATORIES PVT LTD.,

*P. Nagarajan*  
08/06/24

(P.NAGARAJAN)  
DEPUTY MANAGER – HR.



Corporate Office : No. 1, Fourrts Avenue, Annai Indira Nagar, Okkiyam Thoraipakkam, Chennai - 600 097, India. Phone : 91-44-4344 1880 E-mail : admin@fourrts.com  
website : www.fourrts.com CIN : U85185TN1979PTC007782  
Plant I : Vandalur Road, Kelambakkam - 603 103, Chengalpattu District, India.  
Phone : 91-44-4740 4310 E-mail : fourrts@plant.fourrts.com





**Oil and Natural Gas Corporation Limited, Chennai**  
Skill Development Centre, Chennai

**CERTIFICATE**

*This is to certify that Mr. Saradhian R. M.Sc -Chemistry, Pre final year student of  
Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai has undergone Students  
Training at ONGC, Chennai during the period 20<sup>th</sup> May 2024 to 14<sup>th</sup> June 2024 under  
the guidance of Ms. Mallika, Chief Chemist, ONGC, Chennai.*



*Student has successfully completed the Training. We wish all success in the academic endeavors and life.*



*[Signature]*

R. Vasudevam  
DGM (Production)

Certificate No. ONGC/SDC/CH/2024-25/S/14

Date: 14<sup>th</sup> June 2024

for -Head Skill Development Centre, Chennai



Dr. P. NAGARAJ  
Assistant Professor (Sr. Gr.)

DEPARTMENT OF CHEMISTRY, CEGC  
ANNA UNIVERSITY, CHENNAI - 600 025  
Phone: 044-2235-8656, Mob: 8940704535  
Telefax: 91-44-2220 0660  
nagaraj@annauniv.edu

18 June 2024

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. S. KOWSHICK RAJA (Reg. No. 2313092049105), M.Sc. Chemistry in DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE, CHENNAI - 600100 has successfully completed his project internship entitled "GREEN SYNTHESIS OF ZIRCONIUM DIOXIDE ( $ZrO_2$ ) NANOPARTICLES USING ALOE VERA EXTRACT FOR SELECTIVE OXIDATION OF VERATYRL ALCOHOL" at Department of Chemistry, Anna University, Chennai from May 07 – June 18, 2024.

During his tenure as a project intern, he actively participated and carried out the research project with utmost interest. He has displayed excellent efficacy in executing the various skills related to research activities spanning research methodology, lab practices, especially nanomaterials and its characterization techniques. His dedication in conducting the assigned task is highly commendable and also, his sincerity towards learning new techniques is highly appreciated. He has completed the project internship work with utmost seriousness. I wish him great success in all his future endeavors.

  
18/06/24  
Dr. P. NAGARAJ

Dr. P. NAGARAJ, Ph.D.,  
ASSISTANT PROFESSOR  
DEPARTMENT OF CHEMISTRY, CEG,  
ANNA UNIVERSITY  
CHENNAI - 600 025.



Dr. S.Revathi  
Assistant Professor (Sr. Gr.)  
Department of Chemistry, CEG Campus  
Anna University, Chennai-600 025  
E-Mail: sreva\_2003@yahoo.co.in

13 June 2024

**CERTIFICATE OF SUMMER INTERNSHIP**

Department of Chemistry, CEG Campus  
Anna University, Chennai-600 025  
E-Mail: sreva\_2003@yahoo.co.in

This is to certify that Mr.Sanjay.N (23D3356) P.G. & Research Department of Chemistry, Dwaraka Doss Goverdhan Doss Vaishnav College, Arumbakkam, Chennai has joined under my guidance and worked as summer internship fellow from 07.05.2024 to 07.06.2024. The research work was investigated in the field of mesoporous material synthesis in the Department of Chemistry, Anna University, Chennai 25. During this period, I observed that his Contact and character are very good. I wish him success in all his future endeavors.

**CERTIFICATE OF SUMMER INTERNSHIP**

This is to certify that Mr.Sanjay.N (23D3356) P.G. & Research Department of Chemistry, Dwaraka Doss Goverdhan Doss Vaishnav College, Arumbakkam, Chennai has joined under my guidance and worked as summer internship fellow from 07.05.2024 to 07.06.2024. The research work was investigated in the field of mesoporous material synthesis in the Department of Chemistry, Anna University, Chennai 25. During this period, I observed that his Contact and character are very good. I wish him success in all his future endeavors.

(Dr.S.Revathi)

**Dr. S. REVATHI Ph.D.,**  
Assistant Professor  
Department of Chemistry  
College of Engineering, Guindy Campus  
Anna University, Chennai - 600 025.



Dr. A. PANDURANGAN  
Director & Professor

BOSE-EINSTEIN SCIENCE AND TECHNOLOGY  
(BEST) CENTRE, CEGC  
ANNA UNIVERSITY, CHENNAI-600 025  
Phone: 044-2235-8653  
pandurangan\_a@yahoo.com

## CERTIFICATE OF SUMMER INTERNSHIP

This is to certify that **Mr. Sukesh Babu K (Roll. No. 23D3359)** PG & Research Department of Chemistry, Dwaraka Doss Goverdhan Doss Vaishnav College, Arumbakkam, Chennai has joined under my guidance and worked as a **SUMMER INTERNSHIP** Fellow from **07.05.2024 to 07.06.2024**, The research work embodied in the present report entitled **“Synthesis of Metal Loaded Microporous Catalysts (Re/Beta-Zeolite, Ru/H-Mordenite & Ni/H-Mordenite) for Bio-fuel Application”** in the Department of Chemistry, Anna University, Chennai-25. During this period, I observed that his contact and character are very good. I wish him success in all his future endeavors.

  
(A. PANDURANGAN)

**Dr. A. PANDURANGAN**  
PROFESSOR  
DEPARTMENT OF CHEMISTRY  
ANNA UNIVERSITY  
CHENNAI - 600 025.



June 14, 2024

**TO WHOMSOEVER IT MAY CONCERN**

*This is to certify that Mr. Varun Kumar S R, a student of Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai, has successfully completed Internship of from 09/05/2024 to 14/06/2024 at Zenfold Sustainable Technologies Pvt Ltd. During this period he was found to be diligent.*

*We wish him great success in his future endeavours.*

*For Zenfold Sustainable Technologies Private Limited.*

  
Authorised Signatory



**Zenfold Sustainable Technologies Private Limited**

**Corporate Address:**  
Plot No. 53 C, Ground Floor,  
Bommasandra Industrial Area, Phase 1, Hosur Road,  
Bangalore, Karnataka 560099.

**Registered Address:**  
7-1-25, 2nd Floor, Corporate Office,  
Marigold Hotel Campus Greenlands, Begumpet,  
Hyderabad, Telangana 500016.

CIN No : U24299TG2021PTC155151 - [www.zenfoldst.com](http://www.zenfoldst.com)

Ref: Pers /106 /13/2024  
June 18, 2024


**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Ms. Akshaya M (Roll No: 23D3367), First year M.sc Chemistry, Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai, has undergone Internship in our company from 20.05.2024 to 18.06.2024.

During the period, she had evinced keen interest in observing the activities of Quality Assurance Department and other allied functions therein.

We wish all success in her future endeavors.

For Manali Petrochemicals Limited



S Kishore

Senior Manager– Human Resources

Email ID : kishores@manalipetro.com

**Factories :**

Plant - 1 : Ponneri High Road, Manali, Chennai - 600 068

Plant - 2 : Sathangadu Village, Manali, Chennai - 600 068

Phone : 044 - 2594 1025 Fax : 044 - 2594 1199



Dr. P. NAGARAAJ  
Assistant Professor (Sr. Gr.)

DEPARTMENT OF CHEMISTRY, CEGC  
ANNA UNIVERSITY, CHENNAI - 600 025  
Phone: 044-2235-8656, Mob: 8940704535  
Telefax: 91-44-2220 0660  
nagaraj@annauniv.edu

18 June 2024

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Miss. V. BHARATHI (Reg. No. 2313092049111), M.Sc. Chemistry in DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE, CHENNAI - 600100 has successfully completed her project internship "SYNTHESIS OF MESOPOROUS SILICA NANOPOWDER SANTA BARBARA AMOURPHOUS (SBA 15) AS SUPPORTING MATERIAL FOR ISOMERISATION OF DIASTEREOMERS" at Department of Chemistry, Anna University, Chennai from May 07 – June 18, 2024.

During her tenure as a project intern, she actively participated and carried out the research project with utmost interest. She has displayed excellent efficacy in executing the various skills related to research activities spanning research methodology, lab practices, especially and its characterization techniques. Her dedication in conducting the assigned task is highly commendable and also, her sincerity towards learning new techniques is highly appreciated. She has completed the project internship work with utmost seriousness. I wish her great success in all her future endeavors.

Dr. P. NAGARAAJ

Dr. P. NAGARAAJ, Ph.D.,  
ASSISTANT PROFESSOR  
DEPARTMENT OF CHEMISTRY, CEG,  
ANNA UNIVERSITY  
CHENNAI - 600 025.



सीएसआईआर - केन्द्रीय चर्म अनुसंधान संस्थान  
CSIR - CENTRAL LEATHER RESEARCH INSTITUTE  
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद् Council of Scientific & Industrial Research)  
अडयार Adyar, चेन्नई Chennai - 600 020, भारत INDIA.

सीएलआरआई - विश्लेषण, परीक्षण, मूल्यांकन तथा रिपोर्टिंग सेवा केंद्र (सीएलआरआई-केटर्स)  
CLRI - Centre for Analysis, Testing, Evaluation & Reporting Services (CLRI-CATERS)

डॉ. नितिन प्रकाश लोबो, वैज्ञानिक

Smt. Sridevi. J, Senior Technical Officer (2)

Centre for Analysis, Testing, Evaluation & Reporting  
Services (CATERS)  
NMR & EPR Lab

दूरभाष Phone: +91 44 2443 7126

ई-मेल E-mail: jsridevi@clri.res.in

*To whom it may concern*

*This is to certify that Ms. B. Bhavani, Roll number: 23D3377, student of Masters' in Chemistry in D G Vaishnav College, Chennai 600106, has successfully completed her project internship from 07-05-2024 till 14-06-2024. She conducted herself with utmost sincerity and enthusiasm during her internship. I wish her well and a successful future.*

*Sridevi. J*  
Sridevi. J  
केटर्स - सीएलआरआई  
\* \* \*  
CATERS-CLRI

# SEAROCK CONTAINER TERMINAL

(MARINE FREIGHT, CONTAINER STORAGE AND REPAIR DEPOT)

Office : 3, K.G.L.Nagar, Near Bharat Petroleum Bunk, Ponneri High Road, Manali New Town, Chennai - 103.

Phone No : 9543149525 / E-mail : searock.repairs@gmail.com / searock.ops@gmail.com

GST No : 33AFHPB6000R12L / PAN No : AFHPB6000R

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Date : 14-06-2024

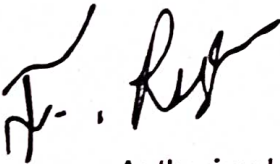
## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. CHANDRAJA. B student of DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE, ARUMBAKAM, has successfully completed a summer internship in the field of QUALITY CONTROL CHEMIST from 13-05-2024 to 13-06-2024 under guidance of Mr. F. Rajan. Msc

During the period of her internship program with us, she had been exposed to different processes and was found diligent, hardworking and inquisitive.

We wish her every success in her life and career.

For SEAROCK CONTAINER TERMINAL



Authorised Signature

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DEPOT 1 : No.3, K.G.L.Nagar, Near Bharat Petroleum Bunk, Ponneri High Road, Manali New Town, Chennai - 103. Phone No : 9543149525

DEPOT 2 : No.43, Andarkuppam-Redhills Road, Near Andarkuppam Check Post, Manali, Chennai - 103. Ph : 9543149539

DEPOT 3 : No.555, Fungambedu, Thiruvottiyur Ponneri High Road, Minjur, Chennai - 203. Ph : 9543149579

Website : [www.searockcontainerterminal.com](http://www.searockcontainerterminal.com)



TRAINING AND RESEARCH INSTITUTE CHENNAI (ABTRI)  
(A Unit of Armats Biotek)



ARMATS BIOTEK

Company SSI Number :Ref No:3900221 02847 E PART I

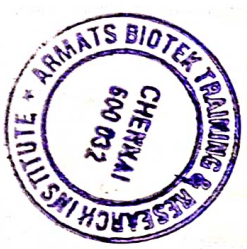
Bio-organic Industry Organization



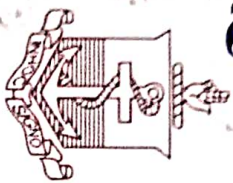
Celebrating  
Certificate



This is to certify that Mr / Ms **DHARSHINI A** of  
**DG VATSHNAY COLLEGE** has participated in the hands on  
training course on **BASIC INSTRUMENTATION AND BIOTECHNIQUES**  
held from **8/5/24 to 7/6/24** at **ARMATS BIOTEK** Training and Research Institute Guindy, Chennai. India



Director  
ARMATS BIOTEK



**MADRAS CHRISTIAN COLLEGE (Autonomous)**  
EAST TAMBARAM, CHENNAI 600 059

**DEPARTMENT OF CHEMISTRY**

*Certificate of Participation*

PRESENTED TO

**Fowzul Hidhaya S, DG Vaishnav College**

for having successfully completed the

**"National Level Summer Internship on Skill Development"**

organized by the Department of Chemistry, Madras Christian College

On campus: 23.05.2024 to 05.06.2024

Online: 06.06.2024 to 12.06.2024

Dr. E. Iyyappan

Head, Dept. of Chemistry  
MCC

Dr. P. Wilson

Principal & Secretary  
MCC

Date : 10.06.2024

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Ms. P.HARTHI, student of Dwaraka Doss Goverdhan Doss Vaishnav College of Ist M.Sc Chemistry has successfully completed a summer internship in our company from 13-05-2024 to 07-06-2024.

During this period of her internship program with us she had been exposed to procedure of drug designing and handling of instruments.

We are glad to have her as one of our inters and we would like to wish her all success in her future endeavors.

**For INTSIA PHARMA**

Manager - Human Resource

*N. Mahesh Prasad ..*



Date: 24 May, 2024

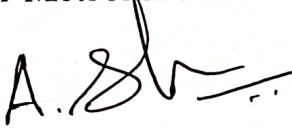
## To Whom It May Concern

This is to certify that Ms. Iswarya. S, student at DG Vaishnav College at Chennai, studying M.Sc. Chemistry. She has undergone one month internship programme at Metrohm India Private Ltd, Chennai from April 29, 2024 to May 24, 2024 (4 weeks).

During the internship, she has displayed good understanding skills and a self-motivated attitude for learning new skills. She was a diligent intern and a trainee.

We wish her all success in her academic endeavors and life.

for Metrohm India Private Limited



Human Resources

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**Corporate Office:**

Metrohm India Private Limited, "Metrohm-SIRI Towers", 3 & 4, Fourrts Avenue, Annai Indira Nagar, Okkiyam, Thoraipakkam, Chennai - 600097  
Tel. +91 44 40440440 Email info@metrohm.in Website www.metrohm.in  
CIN U29130TN1997PLC037666 GSTIN 33AAACM6895L1ZZ

Ref: Pers /106 /13/2024

June 18, 2024

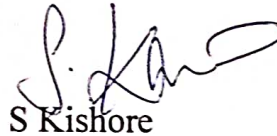
**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Ms. Kaviya N (Roll No : 23D3358) , First year M.sc Chemistry, Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai, has undergone Internship in our company from 20.05.2024 to 18.06.2024.

During the period, she had evinced keen interest in observing the activities of Quality Assurance Department and other allied functions therein.

We wish all success in her future endeavors.

For Manali Petrochemicals Limited



S Kishore

Senior Manager– Human Resources

Email ID : kishores@manalipetro.com

**Factories :**

Plant - 1: Ponneri High Road, Manali, Chennai - 600 068

Plant - 2: Sathangadu Village, Manali, Chennai - 600 068

Phone : 044 - 2594 1025 Fax : 044 - 2594 1199



## Manali Petrochemicals Limited

SPIC House, 88, Mount Road, Guindy, Chennai - 600 032  
Telefax : 044 - 2235 1098 Website : www.manalipetro.com  
CIN : L24294TN1986PLC013087

Ref: Pers /106 /13/2024

June 18, 2024

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Nithiya P (Roll No: 23D3364) , First year M.sc Chemistry, Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai, has undergone Internship in our company from 20.05.2024 to 18.06.2024.

During the period, she had evinced keen interest in observing the activities of Quality Assurance Department and other allied functions therein.

We wish all success in her future endeavors.

For Manali Petrochemicals Limited

S Kishore

Senior Manager– Human Resources

Email ID : kishores@manalipetro.com

#### Factories :

Plant - 1 : Ponneri High Road, Manali, Chennai - 600 068

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Phone : 044 - 2594 1025 Fax : 044 - 2594 1199



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Phone No : 9543149525 / E-mail : searock.repairs@gmail.com / searock.ops@gmail.com

GST No : 33AFHPB6000R1ZL / PAN No : AFHPB6000R

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Date : 14-06-2024

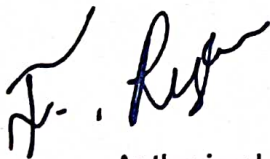
## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. POOJA SRI G S, student of DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE, ARUMBAKAM, has successfully completed a summer internship in the field of QUALITY CONTROL CHEMIST from 13-05-2024 to 13-06-2024 under guidance of Mr. F. Rajan.Msc

During the period of her internship program with us, she had been exposed to different processes and was found diligent, hardworking and inquisitive.

We wish her every success in her life and career.

For SEAROCK CONTAINER TERMINAL



Authorised Signature

---

DEPOT 1 : No.3, K.G.L.Nagar, Near Bharat Petroleum Bunk, Ponneri High Road, Manali New Town, Chennai - 103. Phone No : 9543149525

DEPOT 2 : No.43, Andarkuppam-Redhills Road, Near Andarkuppam Check Post, Manali, Chennai - 103. Ph . 9543149539

DEPOT 3 : No.555, Pungambedu, Thiruvottiyur Ponneri High Road, Minjur, Chennai - 203. Ph : 9543149579

Website : [www.searockcontainerterminal.com](http://www.searockcontainerterminal.com)



सीएसआईआर - केन्द्रीय चर्म अनुसंधान संस्थान  
CSIR - CENTRAL LEATHER RESEARCH INSTITUTE  
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद् Council of Scientific & Industrial Research)  
अडयार Adyar, चेन्नई Chennai - 600 020, भारत INDIA.

सीएलआरआई - विश्लेषण, परीक्षण, मूल्यांकन तथा रिपोर्टिंग सेवा केंद्र (सीएलआरआई-केटर्स)  
CLRI - Centre for Analysis, Testing, Evaluation & Reporting Services (CLRI-CATERS)

डॉ. नितिन प्रकाश लोबो, वैज्ञानिक

Smt. Sridevi. J, Senior Technical Officer (2)

Centre for Analysis, Testing, Evaluation & Reporting  
Services (CATERS)  
NMR & EPR Lab

दूरभाष Phone: +91 44 2443 7126

ई-मेल E-mail: jsridevi@clri.res.in

*To whom it may concern*

*This is to certify that Ms. P. Preethi, Roll number: 23D3373, student of Masters' in Chemistry in D G Vaishnav College, Chennai 600106, has successfully completed her project internship from 07-05-2024 till 14-06-2024. She conducted herself with utmost sincerity and enthusiasm during her internship. I wish her well and a successful future.*

*Sridevi. J*  
Sridevi. J



Ref: Pers /106 /13/2024  
June 18, 2024

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Ms. Sandhiya G (Roll No: 23D3371) , First year M.sc Chemistry, Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai, has undergone Internship in our company from 20.05.2024 to 18.06.2024.

During the period, she had evinced keen interest in observing the activities of Quality Assurance Department and other allied functions therein.

We wish all success in her future endeavors.

For Manali Petrochemicals Limited



S Kishore

Senior Manager– Human Resources

Email ID : kishores@manalipetro.com



**Factories :**

Plant - 1 : Ponneri High Road, Manali, Chennai - 600 068  
Plant - 2 : Sathangadu Village, Manali, Chennai - 600 068  
Phone : 044 - 2594 1025 Fax : 044 - 2594 1199





TRAINING AND RESEARCH INSTITUTE CHENNAI (ABTRI)  
(A Unit of Armats Biotek)

Bio Knowledge Park



ARMATS BIOTEK

Company SSI Number Ref No: 3900221 02347 E PART I

Bio-organic Industry Organization



*Certificate*

CELEBRATING



This is to certify that Mr / Ms S.P. VEDYA S of

DG VAIISHNAVY COLLEGE has participated in the hands on

training course on BASIC INSTRUMENTATION AND BIOTECHNIQUES

held from 8/5/24 to 7/6/24 at ARMATS BIOTEK Training and Research Institute Guindy, Chennai, India





**TRAINING AND RESEARCH INSTITUTE CHENNAI (ABTRI)**  
(A Unit of Armats Biotek)



**ARMATS BIOTEK**

Company SSI Number :Ref No:SS00221 02847 E PART I

**Bio-organic Industry Organization**



*Certificate*

CELEBRATING

VAHINI

This is to certify that Mr / Ms ..... of

.....**D6 VAIASHNAV**..... **COLLEGE**..... has participated in the hands on

training course on **BASIC INSTRUMENTATION AND BIOTECHNIQUES**

held from **8/5/24** to **7/6/24** at **ARMATS BIOTEK** Training and Research Institute Guindy, Chennai. India







Dr. A. PANDURANGAN  
Director & Professor

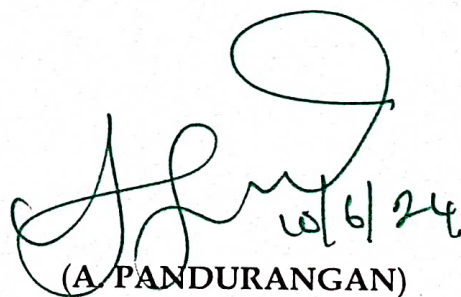
BOSE-EINSTEIN SCIENCE AND TECHNOLOGY  
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Phone: 044-2235-8653  
pandurangan\_a@yahoo.com

10/6/24

Chennai - 25

### CERTIFICATE OF SUMMER INTERNSHIP

This is to certify that **Ms. Vinothini R (Roll. No. 23D3357)** PG & Research Department of Chemistry, Dwaraka Doss Goverdhan Doss Vaishnav College, Arumbakkam, Chennai has joined under my guidance and worked as a **SUMMER INTERNSHIP** Fellow from **07.05.2024 to 07.06.2024**, The research work embodied in the present report entitled **“Synthesis of Mono-Metal Loaded Microporous Catalysts (Pd/H-ZSM-5, Ni/Beta- Zeolite & Ni/ $\alpha$ -Zeolite) for Bio-fuel Application”** in the Department of Chemistry, Anna University, Chennai-25. During this period, I observed that her contact and character are very good. I wish her success in all her future endeavors.

  
(A. PANDURANGAN)

**Dr. A. PANDURANGAN**  
PROFESSOR  
DEPARTMENT OF CHEMISTRY  
ANNA UNIVERSITY  
CHENNAI - 600 025.

# CERTIFICATE of Internship


Presented to

R. Vijayalakshmi

For attending and successfully completing Internship on  
Inorganic Salt ( $\text{CuBr}_2$ ) Promoted Regioselective  
Mono-Bromination of Anthracene

Conducted during 08<sup>th</sup> May to 14<sup>th</sup> June, 2024

Wishing all the best for your future endeavor.



Dr. Markus Obkircher, Phd,  
Director and Head - R&D Technology and Innovation

Engage  
Experience  
Advance

