



2nd Floor, Chirakkal Building, East Nadakkave, Wayanad
Rd, Kozhikode-673001

Date: 17/07/23

CERTIFICATE

This is to certify Mr.ABHINAND T P (REGNO:720721114001) 2nd year (chemicalengineering) student of Hindustan engineering college & Technology, coimbatore completed his "Internship" for 12 days from 03/07/2023 to 14/07/23 in our organization. as part of his curriculum during the training period his conduct was found satisfactory.

For ACC LIMITED,
CALICUT

VISHAL P.V

HR - Manager





*** Inspiring Growth ***

THE TRAVANCORE - COCHIN CHEMICALS LTD.

(A GOVERNMENT OF KERALA UNDERTAKING)

P.B. NO. 4, UDYOGAMANDAL P.O., KOCHI - 683 501, KERALA.

CIN:U24299KL1951SGC001237



ISO 9001 : 2015
ISO 14001:2015
ISO 45001:2018
Certified by IRQS



HR/PW/227/2023


02.08.2023

CERTIFICATE OF INTERNSHIP

This is to certify that Mr. Adwaith B.R (Reg. No. 720721114003) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Hindusthan College of Engineering & Technology, Coimbatore - 641032 has successfully completed an Internship in our company from 03.07.2023 to 16.07.2023.

We wish all the best for his future.




Shibu S. Dev
Manager (HR)



»»» Inspiring Growth »»»

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P.B. NO. 4, UDYOGAMANDAL P.O., KOCHI - 683 501, KERALA.

CIN:U24299KL1951SGC001237



ISO 9001 : 2015
ISO 14001:2015
ISO 45001:2018
Certified by IRQS



HR/PW/227/2023

02.08.2023

CERTIFICATE OF INTERNSHIP

This is to certify that Mr. Alby Manu (Reg. No. 720721114005) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Hindusthan College of Engineering & Technology, Coimbatore - 641032 has successfully completed an Internship in our company from 03.07.2023 to 16.07.2023.

We wish all the best for his future.



Shibu S. Dev
Manager (HR)



Inspiring Growth

THE TRAVANCORE - COCHIN CHEMICALS LTD.

(A GOVERNMENT OF KERALA UNDERTAKING)

P.B. NO. 4, UDYOGAMANDAL P.O., KOCHI - 683 501, KERALA.

CIN:U24299KL1951SGC001237



ISO 9001 : 2015
ISO 14001:2015
ISO 45001:2018
Certified by IRQS



MGMT. SYS.
RVA C 071

HR/PW/227/2023

02.08.2023

CERTIFICATE OF INTERNSHIP

This is to certify that Mr. Alby Manu (Reg. No. 720721114005) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Hindusthan College of Engineering & Technology, Coimbatore - 641032 has successfully completed an Internship in our company from 03.07.2023 to 16.07.2023.

We wish all the best for his future.



Shibu S. Dev
Manager (HR)




**E.D. 912, The Salem District
Co-operative Milk Producer's Union Ltd.,**
Sithanur, Thalavaipatti P.O., Salem-636 302, Tamilnadu
Mobile No 73737 04800, 73737 04802
Email : aavinslm@gmail.com GST : 33AAAAT3146P1ZA

CERTIFICATE

This is to inform that Ms.Amirtha sankar
III year B.E. (Chemical engineering)(Reg.no.
720721114006) Student of Hindustan College of
Engineering & Technology , Coimbatore has undergone inplant
Training in Salem Aavin from 17.01.2024 to 30.01.2024.
During the above period her performance was satisfactory .

Date : 30.01.2024


Assistant General Manager
Training Centre.
Salem Dist. Co. op Mil & Produce
Union Ltd., Salem



Mobile : 9363142332

KARTHICK INDUSTRIES

GSTIN: 33DLYPS5587Q1ZJ

Date : 12 JAN 2024

TO WHOM IT MAY CONCERN

This is to certify that MR.ANEESH KRISHNA V (720721114007), B.Tech (Chemical Engineering) III Year Student of Hindustan College of Engineering and Technology, Coimbatore, has undergone internship training in our industry as Mechanical worker. During the training period from 29.12.2023 to 12.01.2024, he demonstrated a strong desire to learn.

We wish him all the best in his future endeavours.

For KARTHICK INDUSTRIES,

For KARTHICK INDUSTRIES

S. Solk

Proprietor

Authorized signature



ED1116 THE COIMBATORE DIST. CO-OP MILK PRODUCER'S UNION LTD
Pachapalayam, Kalampalayam Post, Coimbatore-641 010
Phone: 0422 - 2208004 & 2208014 :: Email: aavinco@gmail.com

**THIRU.P. RAMANATHAN, B.A, IDD,
GENERAL MANAGER.**

Ref.No.4107/Estt-1/2020

CERTIFICATE

This is to certify that Mr.Anish K, III-Year- B.Tech (CHEMICAL ENGINEERING), student of Hindusthan College of Engineering and Technology, Coimbatore has done the Internship Training from 03.01.2024 to 24.01.2024, in this Union.

For C.D.C.M.P.Union Ltd.,

For General Manager

To
Mr.Anish K
III-Year-B.Tech (CHEMICAL ENGINEERING)
Hindusthan College of Engineering and Technology
Coimbatore- 641032.



Mobile : 9363142332

KARTHICK INDUSTRIES

GSTIN: 33DLYPS5587Q1ZJ

Date : 12 JAN 2024

TO WHOM IT MAY CONCERN

This is to certify that MR.ARAVINTH B (720721114010), B.Tech (Chemical Engineering) III Year Student of Hindustan College of Engineering and Technology, Coimbatore, has undergone internship training in our industry as Mechanical worker. During the training period from 29.12.2023 to 12.01.2024, he demonstrated a strong desire to learn.

We wish him all the best in his future endeavours.

For KARTHICK INDUSTRIES,

For KARTHICK INDUSTRIES

S. Sald

Proprietor

Authorized signature



प्रगति के पथप्रदर्शक
PIONEERS IN PROGRESS

दि फर्टिलाइजर्स एण्ड केमिकल्स ट्रावन्कोर लिमिटेड
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FACT TRAINING & DEVELOPMENT CENTRE
मुख्यालय / Head Office
उद्योगमंडल / Udyogamandal - 683 501

दूरभाष / Phone : 0484 - 2567544, 2567467, 2567583,
2567423, 2567380, 2567424
ई-मेल/ Email : sdc@factltd.com , mdc@factltd.com
mtrg@factltd.com , am1-ftdc@factltd.com

DGM (T&D)-CERT-IP/633/2023-24

18.01.2024

CERTIFICATE

This is to certify that **Mr. ASWIN PRASOBH** pursuing B.Tech in Chemical Engineering at Hindustan College of Engineering and Technology, Coimbatore has successfully completed his **Internship** in FACT Udyogamandal during the period from 04.01.2024 to 10.01.2024.

We wish the student all the best in his future endeavors.

Abraham P Varghese
Internship Co-ordinator.



Antony K D
Engineer (Trg&Dev)

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NICE CHEMICALS (P) LTD.

37/767, MANIMALA ROAD, EDAPPALLY,
COCHIN-682 024, KERALA, INDIA
Tel: 0091-484-2788702, 701, 707
E-mail: marketing@nicechemicals.com
Website: www.nicechemicals.com

State & Code : KERALA, 32
CIN : U24299KL1989PTC005294
GSTIN : 32AAACN7756R1ZU
Poison Lic.No. : 04277/02 dated 09/04/2002
Drug Mfg.Lic No. : 028/25/96-30-12-96 & 11/25B/2001 dated 22-10-2001

Dt. 23rd January 2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr.Aswin.S , 3rd Year B.Tech Chemical Engineering , Hindusthan College of Engineering & Technology , Coimbatore – 641 032 has completed an internship in our organization from 8th January 2024 to 23rd January 2024.

During the period he had shown keen interest in learning various aspects of the organization connected with his academic requirements.

We wish him all the best.

Regards



Dr.Anil Kumar.V.K
General Manager (Sales & Marketing)



EHS 360

LABS

PRIVATE LIMITED

Ref: EHS360 /INS/009/2023-24/ Dated: 30 June 2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. BHUVANESHWARAN B**, whose studying **B. Tech Chemical Engineering** from **Hindusthan College of Engineering and Technology** Coimbatore, has undergone in plant training in our company from 15-06-2023 to 30-06-2023.

During the period, He had evinced keen interest in observing the activities of Technical Services Department, and other allied functions therein.

We wish all success in his future endeavors.

For M/s. EHS360 Labs Private Limited

A. J. F.
Authorized Signatory



Ref: EHS360 /INS/010/2023-24/ Dated: 30 June 2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. CHANDIRASEKAR M.S.** whose studying **B. Tech Chemical Engineering** from **Hindusthan College of Engineering and Technology** Coimbatore, has undergone in plant training in our company from 15-06-2023 to 30-06-2023.

During the period, He had evinced keen interest in observing the activities of Technical Services Department, and other allied functions therein.

We wish all success in his future endeavors.

For M/s. **EHS360 Labs Private Limited**

A. S. 7
Authorized Signatory





सीएसआईआर-राष्ट्रीय धातुकर्म प्रयोगशाला/CSIR-National Metallurgical Laboratory
(वैज्ञानिक तथा औद्योगिक अनुसंधान विभाग, भारत सरकार के अधीन)
(Under Department of Scientific & Industrial Research, Govt. of India)
जमशेदपुर / Jamshedpur - 831007



पत्रावली/Certificate

This is to certify that

Mr./Ms. **B. Charubala, B.Tech. (Chemical Engineering)**
of **Jindusthan College of Engineering & Technology**
has carried out Project Work at CSIR - National Metallurgical Laboratory, Jamshedpur during
26/12/2023 to 14/02/2024 He / She has worked on **Synthesis of Sb₂Se₃ compound**
semiconductor for Solar Cell application.

दिनांक / Date **14/02/24**

प्रोजेक्ट सुपरवाइजर /
Project Supervisor

प्रशिक्षक संयोजक /
Training Co-ordinator

प्रमुख / Head
मानव संसाधन समूह
Human Resources Group

फेक्ट प्रशिक्षण और विकास केंद्र
FACT TRAINING & DEVELOPMENT CENTRE
मुख्यालय / Head Office
उद्योगमंडल / Udyogamandal - 683 501

दूरभाष / Phone : 0484 - 2567544, 2567467, 2567583,
2567423, 2567380, 2567424
ई-मेल/ Email : sdc@factltd.com , mdc@factltd.com
mtrg@factltd.com , am1-ftdc@factltd.com

DGM (T&D)-CERT-IP/637/2023-24

18.01.2024

CERTIFICATE

This is to certify that **Mr. DEVAJITH A P** pursuing B.Tech in Chemical Engineering at Hindustan College of Engineering and Technology, Coimbatore has successfully completed his **Internship** in FACT Udyogamandal during the period from 04.01.2024 to 10.01.2024.

We wish the student all the best in his future endeavors.



Abraham P Varghese
Internship Co-ordinator.



Antony K D
Engineer (Trg&Dev)



Mobile : 9363142332

KARTHICK INDUSTRIES

GSTIN: 33DLYPS5587Q1ZJ

Date : 12 JAN 2024

TO WHOM IT MAY CONCERN

This is to certify that MR.DHANUSH SM (720721114019), B.Tech (Chemical Engineering) III Year Student of Hindustan College of Engineering and Technology, Coimbatore, has undergone internship training in our industry as Mechanical worker. During the training period from 21.12.2023 to 12.01.2024, he demonstrated a strong desire to learn.

We wish him all the best in his future endeavours.

For KARTHICK INDUSTRIES,

For KARTHICK INDUSTRIES

S. Sold.

Proprietor

Authorized signature

फेक्ट प्रशिक्षण और विकास केंद्र
FACT TRAINING & DEVELOPMENT CENTRE
मुख्यालय / Head Office
उद्योगमंडल / Udyogamandal - 683 501

दूरभाष / Phone : 0484 - 2567544, 2567467, 2567583,
2567423, 2567380, 2567424
ई-मेल / Email : sdc@factltd.com , mdc@factltd.com
mtrg@factltd.com , am1-ftdc@factltd.com

DGM (T&D)-CERT-IP/634/2023-24

18.01.2024


CERTIFICATE

This is to certify that **Mr. FAHAD K MOHAMMED SALIM** pursuing B.Tech in Chemical Engineering at Hindustan College of Engineering and Technology, Coimbatore has successfully completed his **Internship** in FACT Udyogamandal during the period from 04.01.2024 to 10.01.2024.

We wish the student all the best in his future endeavors.


Abraham P Varghese
Internship Co-ordinator.




Antony K D
Engineer (Trg&Dev)



NLC INDIA LIMITED

“NAVRATNA-A GOVERNMENT OF INDIA ENTERPRISE”

CERTIFICATE

This is to certify that

HARIPRASATH S (720721114023)

**Studying BACHELOR OF TECHNOLOGY in CHEMICAL ENGINEERING
at HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY,
COIMBATORE**

**has undergone Internship Training on
“A Study on flue gas desulphurization & carbon treatment”
During the period from 21/06/2023 to 04/07/202 at
Thermal power station-1 (EXPANSION) ,
NLC INDIA LIMITED, NEYVELI.**

**04.07.2023
NEYVELI**

**CHIEF MANAGER
LEARNING AND DEVELOPMENT CENTRE
NLC INDIA LIMITED, NEYVELI
Chief Manager
Learning & Development Centre
NLC India Limited, Neyveli-3.**

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JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH

(An Autonomous Institute under Dept. of Science & Technology, Govt. of India and an Institution Deemed to be University)

JAKKUR, BANGALORE-560 064, INDIA



J N C A S R

*This is to certify that **Mr. M. J. Ihlas Ahamed**
completed **Summer Research Fellowship Programme**
during 19th June-2023 to 25th August-2023 and submitted
project report titled "Surface Engineering"
under the guidance of Dr. Diwakar S Venkatesan, JNCASR, Bengaluru*



Dean

Fellowships & Extension

Place : Bengaluru

Date : August 2023



President

JNCASR

NICE

NICE CHEMICALS (P) LTD.

37/767, MANIMALA ROAD, EDAPPALLY,
COCHIN-682 024, KERALA, INDIA
Tel: 0091-484-2788702, 701, 707
E-mail: marketing@nicechemicals.com
Website: www.nicechemicals.com

State & Code : KERALA, 32
CIN : U24299KL1989PTC005294
GSTIN : 32AAACN7756R1ZU
Poison.Lic.No. : 042/7/02 dated 09/04/2002
Drug Mfg.Lic No. : 028/25/96-30-12-96 & 11/25B/2001 dated 22-10-2001

Dt. 23rd January 2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr.Jenil Joseph , 3rd Year B.Tech Chemical Engineering , Hindusthan College of Engineering & Technology , Coimbatore – 641 032 has completed an internship in our organization from 8th January 2024 to 23rd January 2024.

During the period he had shown keen interest in learning various aspects of the organization connected with his academic requirements.

We wish him all the best.

Regards



Dr.Anil Kumar.V.K
General Manager (Sales & Marketing)





ARANTHAANGI CHEMICAL PRODUCTS LIMITED

Mfrs : Precipitated Calcium Carbonate

V.KAILASAM M.B.A.,
MANAGING DIRECTOR

CIN : U25199TN1983PLCO10245

GSTIN : 33AAACA3147M1ZU

STD : 04371

FACTORY & { : 220624

OFFICE { : 220857

Mobile : 99429 47280

E-mail : acplpcc@yahoo.co.in

acplpcc@gmail.com

info@acpl.co

sales@acpl.co

To
The Head of the Department,
Hindusthan College of Engineering and Technology
Coimbatore.

Dear Sir/ Madam,

This is to certify that **Mr. KANNAN G** (Reg No. 720721114029)
B. Tech Chemical Engineering Student of your college has done the Internship
Training In our organization from 10.06.2023 to 10.07.2023

During his period of training, he showed much interest and enthusiasm in
learning the subject, updating his knowledge, and collecting the required data
from us.

We wish success in all his endeavors.

Yours faithfully,
For Aranthaangi Chemical Products Limited,

(M.SENTHIL)
System Executive



ARANTHAANGI CHEMICAL PRODUCTS LIMITED

CIN : U25199TN1983PLCO1024

GSTIN : 33AAACA3147M1Z1

STD : 0437

FACTORY & : 22062

OFFICE : 22085

Mobile : 99429 4728

E-mail : acplpcc@yahoo.co.i

acplpcc@gmail.co

info@acpl.c

sales@acpl.c



Mfrs : Precipitated Calcium Carbonate

V.KAILASAM M.B.A.,

MANAGING DIRECTOR

To

Dr. M Seenuvasan,

Professor and Head of the Department of Chemical Engineering,

Department of Chemical Engineering,

Hindusthan College of Engineering and Technology,

Coimbatore- 641032.

Dear Sir/Madam,

This is to certificate that Mr. KANNAN G B.Tech Third year (Chemical Engineering) student of Hindustan College of Engineering and Technology, Coimbatore (Reg No . 720721114029) Internship Training in our Factory from 27.12.2023 to 27.01.2024

He displayed keen enthusiasm in learning and was sincere in his efforts. During this period, we found hid character and conduct to be good.

For Aranthaangi Chemical Products Limited

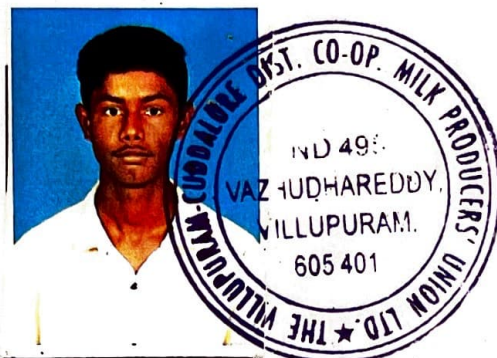

(M. SENTHIL)

System Executive





**THE VILLUPURAM DISTRICT CO-OPERATIVE MILK
PRODUCERS' UNION LTD.,
VILLUPURAM.**



CERTIFICATE

*This is to certify that **Mr.A.Manigandan, (72021114030), B.Tech. (Chemical Engineering)** studying Hindusthan College of Engineering & Technology, Coimbatore has completed **Internship Training** during the period from 12.06.2023 to 11.07.2023 at the Villupuram District Co-operative Milk Producers' Union Ltd., Villupuram.*

During the period, he was very interested in earning knowledge and performed well and finished the Internship Training successfully.

I sincerely appreciate his punctuality and interest and I wish all the best for his forth coming ventures.

Date:13.07.2023

Place: Villupuram.

[Handwritten Signature]
GENERAL MANAGER.
**General Manager,
Villupuram District
Co-op. Milk Producers' Union Ltd,
Villupuram-605 401.**



DAWN INDIA COMPANY

Suppliers : DOMESTIC & INDUSTRIAL CLEANING PRODUCTS

☎ 0452-2386353

98423 66353

98654 92118

98650 78137

Ref: Dawn/Inp/2023-2024/01
GSTIN: 33AHNPD7977R1ZD

Date : 14.7.2023

To WHOMSOEVER IT MAY CONCERN

This is certify that Ms.A.MANJU PARKAVI (II YEAR) student of HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, COIMBATORE, Department of B.TECH CHEMICAL ENGINEERING specialized in chemical engineering has Undergone an Internship Training at our DAWN INDIA COMPANY from 24 th to july 14 th 2023 as a part of his academic curriculum.

We wish all the best in her future endeavours.

For DAWN INDIA COMPANY


Proprietor / Manager

K.DHANDAPANI

27, Arun Nagar, Ponmeni (Extn), Madurai - 625 010.

E-mail : dawnindia.co@gmail.com



CREATING WEALTH
FOR WELLBEING

NLC INDIA LIMITED

("NAVRATNA" – A GOVERNMENT OF INDIA ENTERPRISE)
NEYVELI – 607 801, TAMIL NADU

CERTIFICATE

This is to certify that

MANJU PARKAVI A

studying BACHELOR OF TECHNOLOGY in CHEMICAL ENGINEERING
at HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY,
COIMBATORE.

has undergone INTERNSHIP TRAINING
on WASTE WATER TREATMENT AND ANALYSIS
from 02-01-2024 to 12-01-2024
at CARD, NLC INDIA LIMITED, NEYVELI.

12-01-2024
NEYVELI

LEARNING AND DEVELOPMENT CENTRE
NLC INDIA LIMITED

UNIT HEAD
Learning & Development Centre
NLC India Limited, Neyveli-3

Training adding Value to life



▶▶▶ Inspiring Growth ▶▶▶

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P.B. NO. 4, UDYOGAMANDAL P.O., KOCHI - 683 501, KERALA.

CIN:U24299KL1951SGC001237



ISO 9001 : 2015
ISO 14001:2015
ISO 45001:2018
Certified by IRQS



MGMT. SYS.
RVA C 071

HR/PW/227/2023

02.08.2023

CERTIFICATE OF INTERNSHIP

This is to certify that Mr. Milan J Nair (Reg. No. 720721114033) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Hindusthan College of Engineering & Technology, Coimbatore - 641032 has successfully completed an Internship in our company from 03.07.2023 to 16.07.2023.

We wish all the best for his future.



Shibu S. Dev
Manager (HR)



ARANTHAANGI CHEMICAL PRODUCTS LIMITED

Mfrs : Precipitated Calcium Carbonate

V.KAILASAM M.B.A.,
MANAGING DIRECTOR

CIN : U25199TN1983PLCO10245
GSTIN : 33AAACA3147M1ZU
STD : 04371
FACTORY & : 220624
OFFICE : 220857
Mobile : 99429 47280
E-mail : acplpcc@yahoo.co.in
acplpcc@gmail.com
info@acpl.co
sales@acpl.co

To


Dr. M Seenuvasan,
Professor and Head of the Department of Chemical Engineering,
Department of Chemical Engineering,
Hindusthan College of Engineering and Technology,
Coimbatore- 641032.

Dear Sir/Madam,

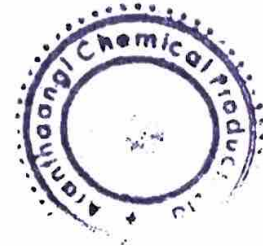
This is to certificate that Mr. MOHAMMED ASIF.S B.Tech Third year (Chemical Engineering) student of Hindusthan College of Engineering and Technology, Coimbatore (Reg No : 720721114034) Internship Training in our Factory from 27.12.2023 to 27.01.2024

He displayed keen enthusiasm in learning and was sincere in his efforts.
During this period, we found his character and conduct to be good.

For Aranthaangi Chemical Products Limited


(M. SENTHIL)

System Executive



Factory and Office : 256/3A-1, Pudukkottai Road, Alianilai, Aranthangi - 614 616.
Pudukkottai District - Tamil Nadu - South India.



प्रगति के पथप्रदर्शक
PIONEERS IN PROGRESS

दि फर्टिलाइजर्स एण्ड केमिकल्स ट्रावन्कोर लिमिटेड
THE FERTILISERS AND CHEMICALS TRAVANCORE LIMITED
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फेक्ट प्रशिक्षण और विकास केंद्र
FACT TRAINING & DEVELOPMENT CENTRE
मुख्यालय / Head Office
उद्योगमंडल / Udyogamandal - 683 501

दूरभाष / Phone : 0484 - 2567544, 2567467, 2567583,
2567423, 2567380, 2567424
ई-मेल / Email : sdc@factltd.com , mdc@factltd.com
mtrg@factltd.com , am1-ftdc@factltd.com

DGM (T&D)-CERT-IP/635/2023-24

18.01.2024

CERTIFICATE

This is to certify that **Mr. MOHAMMED REYYAN** pursuing B.Tech in Chemical Engineering at Hindustan College of Engineering and Technology, Coimbatore has successfully completed his **Internship** in FACT Udyogamandal during the period from 04.01.2024 to 10.01.2024.

We wish the student all the best in his future endeavors.

Abraham P Varghese
Internship Co-ordinator.



Antony K D
Engineer (Trg&Dev)



प्रगति के पथप्रदर्शक
PIONEERS IN PROGRESS

दि फर्टिलाइजर्स एण्ड केमिकल्स ट्रावन्कोर लिमिटेड
THE FERTILISERS AND CHEMICALS TRAVANCORE LIMITED
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फेक्ट प्रशिक्षण और विकास केंद्र
FACT TRAINING & DEVELOPMENT CENTRE
मुख्यालय / Head Office
उद्योगमंडल / Udyogamandal - 683 501

दूरभाष / Phone : 0484 - 2567544, 2567467, 2567583,
2567423, 2567380, 2567424
ई-मेल/ Email : sdc@factltd.com , mdc@factltd.com
mtrg@factltd.com , am1-ftdc@factltd.com

DGM (T&D)-CERT-IP/636/2023-24

18.01.2024

CERTIFICATE

This is to certify that **Mr. MUHAMED SAHAD E A** pursuing B.Tech in Chemical Engineering at Hindustan College of Engineering and Technology, Coimbatore has successfully completed his **Internship** in FACT Udyogamandal during the period from 04.01.2024 to 10.01.2024.

We wish the student all the best in his future endeavors.

Abraham P Varghese
Internship Co-ordinator.



Antony K D
Engineer (Trg&Dev)



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**THIRU.P. RAMANATHAN, B.A, IDD,
GENERAL MANAGER.**

Ref.No.4107/Estt-1/2020

CERTIFICATE

This is to certify that Mr.Neelakanda Moorthy K, III-Year- B.Tech (CHEMICAL ENGINEERING), student of Hindusthan College of Engineering and Technology, Coimbatore has done the Internship Training from 03.01.2024 to 24.01.2024, in this Union.

For C.D.C.M.P.Union Ltd.,

For General Manager

To
Mr.Neelakanda Moorthy K
III-Year-B.Tech (CHEMICAL ENGINEERING)
Hindusthan College of Engineering and Technology
Coimbatore- 641032.



Mobile : 9363142332

KARTHICK INDUSTRIES

GSTIN: 33DLYPS5587Q1ZJ

Date : 12 JAN 2024

TO WHOM IT MAY CONCERN

This is to certify that MR.NITHIS RT (720721114041), B.Tech(Cheical Engineering) III Year Student of Hindustan College of Engineering and Technology, Coimbatore, has undergone internship training in our industry as Mechanical worker. During the training period from 29.12.2023 to 12.01.2024, he demonstrated a strong desire to learn.

We wish him all the best in his future endeavours.

For KARTHICK INDUSTRIES,

For KARTHICK INDUSTRIES

S. Solt

Proprietor

Authorized signature



NLC INDIA LIMITED

“NAVRATNA-A GOVERNMENT OF INDIA ENTERPRISE”

CERTIFICATE

This is to certify that

NIVETHA V (720721114043)

Studying **BACHELOR OF TECHNOLOGY** in **CHEMICAL ENGINEERING**
at **HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY,**
COIMBATORE

has undergone Internship Training on
“A Study on flue gas desulphurization & carbon treatment”
During the period from 21/06/2023 to 04/07/202 at
Thermal power station-1 (EXPANSION) ,
NLC INDIA LIMITED, NEYVELI.

CHIEF MANAGER

LEARNING AND DEVELOPMENT CENTRE

NLC INDIA LIMITED, NEYVELI

Chief Manager
Learning & Development Centre
NLC India Limited, Neyveli-3.

04.07.2023
NEYVELI

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C-9,C-10 & C-11, Sipcot Industrial Complex, Kudikadu, Cuddalore, Tamilnadu - 607 005

Phone: 04142-239777, Email: info@crimsunorganics.com CIN: U24299TN2016PTC111396

Ref: COPL/HRD-Inp/23-24/01


15.01.2023

TO WHOMSOEVER IT MAY CONCERN

This is Certify that **Ms. V. Nivetha (II Year)** student of Hindusthan College of Engineering & Technology, Coimbatore, Department of B. Tech Chemical Engineering (Specialized in Chemical Engineering has undergone an Internship Training at our Cuddalore factory from **Dec 28th to Jan 15th -2023** as a part of his academic curriculum.

We wish all the best in her future endeavors.

For Crimsun Organics Pvt. Ltd


Mahesh. S
HR/Admin



0013



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**THIRU.P. RAMANATHAN, B.A, IDD,
GENERAL MANAGER.**

Ref.No.4107/Estt-1/2020

CERTIFICATE

This is to certify that Mr.Nova Jayamal Sooriaa M.R, III-Year- B.Tech
(CHEMICAL ENGINEERING), student of Hindusthan College of Engineering and
Technology, Coimbatore has done the Internship Training from 03.01.2024 to
24.01.2024, in this Union.

For C.D.C.M.P.Union Ltd.,

For General Manager

To
Mr.Nova Jayamal Sooriaa M.R
III-Year-B.Tech (CHEMICAL ENGINEERING)
Hindusthan College of Engineering and Technology
Coimbatore- 641032.

Ref: EHS360/INS/001/2022-23/ Dated: 14th January 2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. NOVA JAYAMAL SOORIAA M R**, whose studying B. Tech Chemical Engineering from Hindusthan College of Engineering and Technology, Coimbatore, has undergone in plant training in our company from 15-06-2023 to 30-06-2023.

During the period, He had evinced keen interest in observing the activities of Technical Services Department and other allied functions therein.

We wish all success in his future endeavours.

For M/s. EHS360 Labs Private Limited

A. S. 7

SANTHOSH KUMAR. A
FOUNDER/CEO





Mobile : 9363142332

KARTHICK INDUSTRIES

GSTIN: 33DLYPS5587Q1ZJ

Date : 12 JAN 2024

TO WHOM IT MAY CONCERN

This is to certify that MR.PRAVEEN S (720721114045), B.Tech (Chemical Engineering) III Year Student of Hindustan College of Engineering and Technology, Coimbatore, has undergone internship training in our industry as Mechanical worker. During the training period from 29.12.2023 to 12.01.2024, he demonstrated a strong desire to learn.

We wish him all the best in his future endeavours.

For KARTHICK INDUSTRIES,

For KARTHICK INDUSTRIES

S. Sald

Proprietor

Authorized signature



6th July 2023

Three Ten Initiative Technologies LLP

GSTIN: 37AALFT5795N1Z2 LLLPIN: AAH3821

Letter No: 2023-24/Int/008

Subject: Decarbonisation focussed internship of Mr. Ragulasangeerthian S

To Whom It May Concern:

This letter summarizes the excellent performance of Mr. Ragulasangeerthian S during his summer internship with Three Ten Initiative Technologies LLP (310i) from 25th May 2023 to 6th July 2023. Ragulasangeerthian S's immediate mentor was Dr. Upasana Manimegalai Sridhar, Director, 310i (the undersigned). In addition, Ragulasangeerthian S was also mentored by Dr. Anand Govindarajan, Director, 310i, and Mr. Hari Vamsi Duggirala, Process Simulation Engineer, 310i.

The 2023 cohort of 14 interns of which Ragulasangeerthian S was a part, were recruited in May 2023 from a pool of over 200 applicants across India through a series of practical skill-based tests that assessed the technical reading, writing, logical abilities, problem solving, and general engineering abilities. The 2023 cohort was themed on decarbonisation and had interns from five different states of India (Andhra Pradesh, Karnataka, Kerala, Maharashtra, and Tamil Nadu).

At 310i, we believe in enhancing engineering education in India through hands-on experience. Our internship program provided the interns with hands-on experience and industrially relevant skills in engineering practices, design methods, process simulation, and basic engineering economics. Our interns have also improved their ability to interpret essential technical documents, developed business awareness about the chemical/energy industry, and honed their interpersonal and soft skills.

While at 310i, Ragulasangeerthian S performed the following individual and group tasks:

1. **[Individual]** Browsed technical literature related to amine treatment/CO₂ capture and created a short database of terminologies as part of an ongoing effort to create a web-based glossary of terms.
2. **[Group]** Formulated a chemical engineering problem to solve a reaction engineering application, created a breakdown of tasks, and developed a user-friendly solution in Excel®. This task involved the use of formulas, cell-referencing, tables, sorting, filtering, built-in functions, solver, basic data analysis, and macros. The example will be included in our database of files used during training for other engineers.
3. **[Individual]** Carried out market research & analysis of formaldehyde & methyl isobutyl ketone and prepared a report highlighting the manufacturing process, unusual engineering features, process licensors, leading global and Indian producers, regulatory barriers limiting growth potential, and decarbonisation opportunities in the manufacturing process. This report will serve as a preliminary outline, for company engineers to develop into a full-fledged document related to decarbonization opportunities in the manufacturing of over 30 chemicals.
4. **[Individual]** Understood and demonstrated a fundamental understanding of basic cash flow statements, and equipment costing using - Process equipment cost estimation procedure as illustrated by DOE/NETL, National Energy Technology Center (2002). Loh, H. P., Jennifer Lyons, and Charles W. White.
5. **[Group]** Designed a CO₂ capture plant for flue gas from a post combustion source with a 90% capture requirement using regenerable chemical solvents. This task involved the following –
 - a. Developing a planning memo with a breakdown of tasks, schedule of deliverables, and division of tasks among the team.
 - b. Organizing meetings daily, and recording minutes of happenings, and follow up/action items.

OFFICE ADDRESS: Office No. 313, Regus Elite Business Centre, Naga Chambers, Level 3&4, D. No. 12-1-16, Plot 49, Waltair Main Road, Visakhapatnam, Andhra Pradesh, India 530 002
REGD. ADDRESS: C23 Bay View Apartments, Parvathy Street, Kalakshetra Colony, Besant Nagar, Chennai, Tamil Nadu, India 600 090
PHONE: +91-7330875310 **WEBSITE:** www.the310i.com **E-Mail:** info@the310i.com



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**THIRU.P. RAMANATHAN, B.A, IDD,
GENERAL MANAGER.**

Ref.No.4107/Estt-1/2020

CERTIFICATE

This is to certify that Mr.Srinivasan S, III-Year- B.Tech (CHEMICAL ENGINEERING), student of Hindusthan College of Engineering and Technology, Coimbatore has done the Internship Training from 03.01.2024 to 24.01.2024, in this Union.

For C.D.C.M.P.Union Ltd.,

For General Manager

To
Mr.Srinivasan S
III-Year-B.Tech (CHEMICAL ENGINEERING)
Hindusthan College of Engineering and Technology
Coimbatore- 641032.



आईआरईएल (इंडिया) लिमिटेड
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(Formerly Indian Rare Earths Limited)

(भारत सरकार का उपक्रम)

(A Govt. of India Undertaking)

CIN : U15100MH1950GOI008187 Website : www.irel.co.in

ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Company



MK/HRM/ICIS/2023/

July 08, 2023

प्रमाण – पत्र / CERTIFICATE

This is to certify that **Shri SUBRAMANIAPILLAI S P**, IInd Year B.Tech.(Chemical) student of HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, COIMBATORE has undertaken the Internship Training in IREL (India) Limited, Manavalakurichi on the subject of "A study on Fluidised Bed Drier & its heat balance at Mechanical Department of IREL (India) Limited, Manavalakurichi" during the period from 26.06.2023 to 08.07.2023.

This certificate is issued for the limited purpose of submission to HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, COIMBATORE as proof of Internship Training, as part of his course curriculum.

Dy. General Manager-HRM



मणवालकुरिचि, कन्याकुमारी जिला, तमिलनाडु - 629 252.

Manavalakurichi, Kanyakumari Dist, Tamil Nadu - 629 252.

पंजीकृत कार्यालय: प्लॉट नं. 1207, वीर सावरकर मार्ग, सिद्धिविनायक मंदिर के पास, प्रभादेवी, मुंबई - 400 028.

Regd. Office: Plot No.1207, Veer Savarkar Marg, Near Siddhivinayak Temple, Prabhadevi, Mumbai - 400 028.

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THIRU.P. RAMANATHAN, B.A, IDD,
GENERAL MANAGER.

Ref.No.4107/Estt-1/2020

CERTIFICATE

This is to certify that Mr.Thoufiq S, III-Year- B.Tech (CHEMICAL ENGINEERING), student of Hindusthan College of Engineering and Technology, Coimbatore has done the Internship Training from 03.01.2024 to 24.01.2024, in this Union.

For C.D.C.M.P.Union Ltd.,

For General Manager

To
Mr.Thoufiq S
III-Year-B.Tech (CHEMICAL ENGINEERING)
Hindusthan College of Engineering and Technology
Coimbatore- 641032.



சேலம் மாவட்டக் கூட்டுறவு பால் உற்பத்தியாளர்கள் ஒன்றியம் லிட்.,

(பதிவு எண். ED. 912)

சித்தனூர், தளவாய்ப்பட்டி அஞ்சல், சேலம்-636 302. தமிழ்நாடு.

அலைபேசி எண் : 73737 04800, 73737 04802

டெலிபேக்ஸ் : 0427-2386871 Email : aavinslm@gmail.com

GST : 33AAAAT3146P1ZA

CERTIFICATE

*This is to certify that Ms.Vinika.S, II-B.Tech
(Chemical Engineering)(Reg.No.720721114054) student of
Hindusthan College of Engineering & Technology, Coimbatore
has undergone Internship Training in Salem Avin from
20.06.2023 to 03.07.2023. During the above period her
performance was satisfactory.*

Date: 04.07.2023


**Assistant General Manager (P & T)
Training Centre,
Salem Dist. Co. op. Milk Producer's
Union Ltd., Salem.**



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Website: www.nicechemicals.com

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CIN : U24299KL1989PTC005294
GSTIN : 32AAACN7756R1ZU
Poison Lic.No. : 042/7/02 dated 09/04/2002
Drug Mfg.Lic No. : 028/25/96-30-12-96 & 11/25B/2001 dated 22-10-2001

Dt. 23rd January 2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr.Vivek Krishna , 3rd Year B.Tech Chemical Engineering , Hindusthan College of Engineering & Technology , Coimbatore – 641 032 has completed an internship in our organization from 8th January 2024 to 23rd January 2024.

During the period he had shown keen interest in learning various aspects of the organization connected with his academic requirements.

We wish him all the best.

Regards

Dr.Anil Kumar.V.K
General Manager (Sales & Marketing)





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**THIRU.P. RAMANATHAN, B.A, IDD,
GENERAL MANAGER.**

Ref.No.4107/Estt-1/2020

CERTIFICATE

This is to certify that Mr. Wesly Jebastin D, III-Year- B.Tech (CHEMICAL ENGINEERING), student of Hindusthan College of Engineering and Technology, Coimbatore has done the Internship Training from 03.01.2024 to 24.01.2024, in this Union.

For C.D.C.M.P.Union Ltd.,

For General Manager

To
Mr. Wesly Jebastin D
III-Year-B.Tech (CHEMICAL ENGINEERING)
Hindusthan College of Engineering and Technology
Coimbatore- 641032.



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THIRU.P. RAMANATHAN, B.A, IDD,
GENERAL MANAGER.

Ref.No.4107/Estt-1/2020

CERTIFICATE

This is to certify that Mr.Gnana Akash L, III-Year- B.Tech (CHEMICAL ENGINEERING), student of Hindusthan College of Engineering and Technology, Coimbatore has done the Internship Training from 03.01.2024 to 24.01.2024, in this Union.

For C.D.C.M.P.Union Ltd.,

For General Manager

To
Mr. Mr.Gnana Akash L
III-Year-B.Tech (CHEMICAL ENGINEERING)
Hindusthan College of Engineering and Technology
Coimbatore- 641032.

ARANTHAANGI CHEMICAL PRODUCTS LIMITED



Mfrs : Precipitated Calcium Carbonate

V.KAILASAM M.B.A.,
MANAGING DIRECTOR

CIN : U25199TN1983PLCO10245
GSTIN : 33AAACA3147M1ZU
STD : 04371
FACTORY & : 220624
OFFICE : 220857
Mobile : 99429 47280
E-mail : acplpcc@yahoo.co.in
acplpcc@gmail.com
info@acpl.co
sales@acpl.co

To

Dr. M Seenuvasan,
Professor and Head of the Department of Chemical Engineering,
Department of Chemical Engineering,
Hindusthan College of Engineering and Technology,
Coimbatore- 641032.

Dear Sir/Madam,

This is to certificate that Mr. K. HARIKRISHNAN B.Tech Third year (Chemical Engineering) student of Hindustan College of Engineering and Technology, Coimbatore (Reg No . 720721114802) Internship Training in our Factory from 27.12.2023 to 27.01.2024

He displayed keen enthusiasm in learning and was sincere in his efforts.
During this period, we found hid character and conduct to be good.

For Aranthaangi Chemical Products Limited

(M. SENTHIL)

System Executive





Mobile : 9363142332

KARTHICK INDUSTRIES

GSTIN: 33DLYPS5587Q1ZJ

Date : 12 JAN 2024

TO WHOM IT MAY CONCERN

This is to certify that MR.NAVEEN R (720721114805), B.Tech (Chemical Engineering) III Year Student of Hindustan College of Engineering and Technology, Coimbatore, has undergone internship training in our industry as Mechanical worker. During the training period from 29.12.2023 to 12.01.2024, he demonstrated a strong desire to learn.

We wish him all the best in his future endeavours.

For KARTHICK INDUSTRIES,

For KARTHICK INDUSTRIES

S. Solt

Proprietor

Authorized signature

ARANTHAANGI CHEMICAL PRODUCTS LIMITED



Mfrs : Precipitated Calcium Carbonate

V.KAILASAM M.B.A.,
MANAGING DIRECTOR

CIN : U25199TN1983PLCO10248
GSTIN : 33AAACA3147M1ZU
STD : 04371
FACTORY & : 220624
OFFICE : 220857
Mobile : 99429 47280
E-mail : acplpcc@yahoo.co.in
acplpcc@gmail.com
info@acpl.co
sales@acpl.co

To

Dr. M Seenuvasan,

Professor and Head of the Department of Chemical Engineering,

Department of Chemical Engineering,

Hindusthan College of Engineering and Technology,


Coimbatore- 641032.

Dear Sir/Madam,

This is to certificate that Mr. SANJAYRAJ.G B.Tech Third year (Chemical Engineering) student of Hindustan College of Engineering and Technology, Coimbatore (Reg No . 720721114806) Internship Training in our Factory from 27.12.2023 to 27.01.2024

He displayed keen enthusiasm in learning and was sincere in his efforts. During this period, we found hid character and conduct to be good.

For Aranthaangi Chemical Products Limited


(M. SENTHIL)

System Executive



ARANTHAANGI CHEMICAL PRODUCTS LIMITED



Mfrs : Precipitated Calcium Carbonate

V.KAILASAM M.B.A.,
MANAGING DIRECTOR

CIN : U25199TN1983PLCO10245
GSTIN : 33AAACA3147M1ZU
STD : 04371
FACTORY & : 220624
OFFICE : 220857
Mobile : 99429 47280
E-mail : acplpcc@yahoo.co.in
acplpcc@gmail.com
info@acpl.co
sales@acpl.co

To

Dr. M Seenuvasan,
Professor and Head of the Department of Chemical Engineering,
Department of Chemical Engineering,
Hindusthan College of Engineering and Technology,
Coimbatore- 641032.

Dear Sir/Madam,

This is to certificate that Mr. R.SRINATH B.Tech Third year (Chemical Engineering) student of Hindustan College of Engineering and Technology, Coimbatore (Reg No . 720721114809) Internship Training in our Factory from 27.12.2023 to 27.01.2024

He displayed keen enthusiasm in learning and was sincere in his efforts. During this period, we found hid character and conduct to be good.

For Aranthaangi Chemical Products Limited


(M. SENTHIL)

System Executive

