



Chemlife Innovations Private Limited

183/2, 3rd Floor, Corporation Bank Building, Bagalur Main Road, Kattigenahalli, IAF Post, Bengaluru - 560063 M.: 9844245771

E-mail: chemlifeinnovations@gmail.com Web: www.chemlifeinnovations.com CIN: U24304KA2016PTC096654

CERTIFICATE

This is to certify that Mr. Ajay Kumar student of M.Sc. Applied Chemistry from Mangalagangothri, Mangalore University, Karnataka, has done Project work on "Preparation and Estimation of Copper chelates" at our Research and Development Laboratory as part of CHEMPRO Ondustrial Training program under the guidance of Dr. P M Radhakrishna and Dr. K C Sharada during the period 5th June 2018 to 12th July 2018

Date: 12th July 2018

Place: Bangalore

Dr. K C Sharada., PhD

Technical Director

Chemlife Innovations Pvt. Ltd.

Bangalore

D M A course

Dr. Radhakrishna.,Ph.D.,PGDM(XLRI)

Managing Director

Chemlife Innovations Pvt. Ltd

Bangalore

CERTIFICATE

This is to certify that the research internship report July 2018 entitled, "REMOVAL OF Cr-6 PRESENT IN WATER SAMPLE BY PHOTOCATALYTIC **PROCESS** USING MODIFIED **NANOCLAY** WITH ZnO NANOCOMPOSITES" was submitted by Ms. Akshatha, a student studying in M.Sc. (IV Semester) Applied Chemistry, Department of Chemistry, Mangalore University, Mangalagangothri. In partial fulfillment of the requirement for the award of MASTER OF SCIENCE in APPLIED CHEMISTRY of Mangalore University. This work was carried out under the combined guidance of

Dr. N. Suma, Professor and Head, Department of Chemistry, Global Academy of Technology (GAT), Bangalore and Dr.G.K.Nagaraja, Professor, Department of Chemistry, Mangalore University, Mangalagangothri.

Research guides

Dr. N. Suma
Professor & Head
Department of Chemistry,
Global Academy of Technology,
Bengaluru

Dr.G.K.Nagaraja
Professor
Department of Chemistry,
Mangalore University.
Mangalagangothri.
Mangalore.

Dr. N. Suma

Professor & Head

Department of Chemistry,

Global Academy of Technology,

Bengaluru

Head of Department Chemistry Global Academy of Technology Eengaluru-560 098

> Dr. N. RanaPratap Reddy Principal

Global Academy of Technology, Bengaluru

FRINCIPAL
Global Academy of Technology
In the hours raintable.
Representational Companies 580 M.







Tel 2778151 (4 Lines), Fax 0497 2778181 E-mail westernply@gmail.com / mail@wipitd.in Website www.wipitd.in. CIN-L20211 KL 1945PLC001708

22-04-2019

CERTIFICATE

This is to certify that Ms. ANAGHA PADMANABHAN.T., M.Sc. Applied Chemistry, Student of Mangalore University, Mangalagangothri has carried out Project Work in the Laboratories of our Research & Development Division under the guidance of Mr.K. Vijayaraghavan, Executive, R&D Division, on "EFFECT OF COCONUT SHELL POWDER AND GROUNDNUT SHELL POWDER ON REDUCING FORMALDEHYDE EMISSION FROM PHENOL FORMALDEHYDE RESIN" during the period June -July 2018.

For THE WESTERN INDIA PLYWOODS LTD.,

Dr.E.SREENIVASAN TECHNICAL MANAGER RESEARCH & DEVELOPMENT

adani wilmar

Date: 07-08-2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Apeksha P. B., 1st year M.Sc(II Semester) student of Mangalore University, Mangalagangothri, Mangalore-574199 has done her "Internship" on "Oil Analysis" in our organisation under the guidance of Ms. Vanitha, Head – Quality Assurance from 05th June 2018 to 05th July 2018.

During her tenure we found her performance was excellent and she was found hard working and diligent.

We wish her all the best for her future endeavours.

For Adani Wilmar Limited,

Shantha Kumar T. M.

Head - HR & Administration

Adani Wilmar Ltd Survey No 5, 6, 7 & 11 Baikampady Industrial Area Mangalore 575 011 ramataka, India Nr. U15146GJ1999PLC035320 Tei +91 824 240 0633 Fax +91 824 240 0533 info@adaniwilmar.in www.adaniwilmar.com

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मंगलूर रिफाइनरी एण्ड पेट्रोकेमिकल्स लिमिटेड

MANGALORE REFINERY & PETROCHEMICALS LTD.

(ऑयलएवंनेचुरलगैसकॉपॅरिशनलिमिटेडकीसहायककंपनी) (A Subsidiary of Oil and Natural Gas Corporation Ltd) Training & Development

MRPL 107 MRPL/TRG/115 (C)/Ref .No. 103 /20 18 - 19 TRG/F/05 Date: 19-07-2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that, Mr./Ms. Chalatha B , (Reg.No./USN 175123606 MSc (Chemistry) student of Mangalore University has undergone a 45 days internship training in our organization from 05-06-2018 to 19-07-2018 internship training has been provided to him/her as per the request of the Institution Mangalore University Mangalogangother Konaje. During this training period, he/she was imparted inputs as requested and he/she has completed the training successfully. His/Her attendance during the internship was 31 days and performance during the internship training was Salislactory We wish success in his/her future endeavours.

For Mangalore Refinery and Petrochemicals Limited.

Authorised Signatory (Training & Development)



मंगालूर रिफाइनरी एण्ड पेट्रोकेमिकल्स लिमिटेड

MANGALORE REFINERY & PETROCHEMICALS LTD.

(ऑयलएवंनेचुरलगैसकॉर्पोरेशनलिमिटेडकीसहायककंपनी) (A Subsidiary of Oil and Natural Gas Corporation Ltd) Training & Development MRPL 136 TRG/F/05

> MRPL/TRG/115 (C)/Ref .No. 104 /2018 - 19 Date:- 27-07-2018

TO WHOMSOEVER IT MAY CONCERN

During this training period, 4e/she was imparted inputs as requested and 4e/she has completed the training This internship training has been provided to him/her as per the request of the M.S. (Chemistry) student of Mangalore Chiversity has undergone a 53 days , (Reg. No./USN 175123607 internship training in our organization from 05-06-3018 to 27-07-2018 Institution Mangalore University, Mangalagangothr? This is to certify that, Mt./Ms. Deeksha. S.

We wish success in his/her future endeavours.

internship training was Solls Sactory

successfully. His/Her attendance during the internship was

For Mangalore Refinery and Petrochemicals Limited.

days and performance during the



Authorised Signatory (Training & Development)



To whomsoever it may concern

This is to certify that Ms. DEEPA I B. from Mangalore University has completed her internship project in Chemistry at Eurofins Advinus Ltd., Bengaluru, from 11th June 2018 to 20th July 2018. She completed her project work entitled "HPLC Method Development" successfully under the guidance of Dr. Dhayanithi V. at Department of Chemistry, Eurofins Advinus Ltd., Peenya, Bengaluru.

During the tenure of training her conduct and learning was satisfactory.

Dr. DHAYANITHI V.

Group Leader, Chemistry Department,

Eurofins Advinus Ltd., Bengaluru.

Dr. HARI PATI

Head, Department of Chemistry,

Eurofins Advinus Ltd., Bengaluru.

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL DEPARTMENT OF CHEMISTRY



CERTIFICATE

This is to certify that Ms. DIVYA HEBBAR M, student of M.Sc. Chemistry from Mangalore University, has successfully completed her Summer Internship Program at Department of Chemistry, NITK Surathkal. She has worked on the Topic DESIGN, SYNTHESIS AND CHARACTERIZATION OF '(E)-N'-((10-METHYL-10H-PHENOTHIAZINE-3-YL)METHYLENE)BENZOHYDRAZIDE ANALOGUES' from 4th May 2018 to 5th June 2018, under the guidance of Dr. Udaykumar D, Associate Professor, Department of Chemistry, NITK Surathkal.

Or. D. KRISHNA BHAT

Professor & Head CEPLATMENT OF CHEMISTRY

National Institute of Technology Kermataka Surathkal P.O. Srinivasnagar, MANGALORE - 575 D25

CERTIFICATE

This is to certify that the research internship report July 2018 entitled, "STUDY THE EFFECT OF IONIC LIQUID IN THE NORMAL SOL-GEL METHOD FOR THE PREPARATION OF SnO2 NANOMATERIALS FOR THE EFFECTIVE PHOTOCATALYTIC REDUCTION OF Cr⁺⁶ TO Cr⁺³" was submitted by Ms. Divya K, a student studying in M.Sc. (IV Semester) Applied Chemistry, Department of Chemistry, Mangalore University, Mangalagangothri. In partial fulfillment of the requirement for the award of MASTER OF SCIENCE in APPLIED CHEMISTRY of Mangalore University. This work was carried out under the combined guidance of

Dr. Ravishankar TN, Assistant Professor, Department of Chemistry, Global Academy of Technology (GAT), Bangalore and Dr. Vishalakshi B, Professor, Department of Chemistry, Mangalore University, Mangalagangothri.

Research guides

Dr. Ravishankar TN **Assistant Professor**

Department of Chemistry,

Global Academy of Technology,

Bengaluru

Dr. Vishalakshi B Professor Department of Chemistry, Mangalore University. Mangalagangothri. Mangalore.

Dr. N. Suma

Professor & Head

Department of Chemistry,

Global Academy of Technology,

Bengaluru

Head of Department Chemistry Global Academy of Technology

Bengaluru-560 098

Dr. N. RanaPratap Reddy

Principal

Global Academy of Technology,

Bengaluru

Global Academy of Technology Ideal Homes Tewnship,

Rajarajeshwari Nagar, Bengalore-560 098



BASF India Limited, Mangalore, india

Date 3rd August, 2018

Name C. M. Nataraj

HR & Administration

Telephone 2237116
Telefax 2270025

CERTIFICATE

This is to certify that Ms. Gayathri K, a student from Mangalore University, Mangalore has completed her In Plant Training in our Company as a partial fulfilment of curriculum for her M.Sc. IV – Sem. (Applied Chemistry) for a period of 4 weeks from 11.06.2018 to 20.07.2018. During the training period, she had necessary training in Quality Control Lab. She has also carried out a Project on "Inspection and testing of Paints and e-coat products at in-process and final release stage".

She was disciplined and showed keen interest in her training besides being regular and punctual.

We wish her all success in her future endeavours.

(C. M. Nataraj)

Head HR - Mangalore Works

BASF India Limited Surathkal - Bajpe Road Bala Village, Via-Katipalia Mangalore - 575 030 India

Registered Office The Capital 1204-C, 12th Floor Plot No C-70, '3' Block Bandra Kurla Complex, Bandra (East) Mumbai-400051 Tel: +91 22 62785500 Website: www.basl.com/in L38112MH1945FLC003972

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL DEPARTMENT OF CHEMISTRY



CERTIFICATE

This is to certify that Ms. H.S.SUPRIYA, student of M.Sc. Chemistry from Mangalore University has successfully completed her Summer Internship Program at Department of Chemistry, NITK Surathkal. She has worked on the Topic SYNTHESIS OF GRAPHENE QUANTUM DOTS AND EVALUATING ITS SUITABLITY FOR SOLAR CELLS dated from 7th June 2018 to 18th July 2018, under the guidance of Dr. B. Ramachandra Bhat, Department of Chemistry, and NITK Surathkal.

HEAD, DEPARTMENT OF CHEMISTRY
National Institute of Technology Karnataka
Surathkal, Srinivasnagar,
MANGALORE - 575 025, D. K.



Cardolite Specialty Chemicals India LL

(A limited liability partnership registered under the LLP Act, 2008 IP-1 & IP-2, Mangalore Special Economic Zone

Bajpe, Mangaluru - 574 142, Karnataka, Indi ***** +91-824 -2888 30

July 26, 2017

CERTIFICATE

(To whomsoever it may concern)

This is to certify that Ms. Harshitha (175123613) student of MSc (Chemistry) from Mangalore University, Mangalagangothri Mangalore has successfully completed her internship program in our organization during the period from 06th June 2018 to 05th July 2018.

During the above period we found her sincere & hard working and she has taken proper initiative and efforts towards completing his internship.

We wish her all the best in her future endeavors.

For Cardolite Specialty Chemicals India LLP

Authorised Signatory



20th July 2018

CERTIFICATE

This is to certify that Ms. Jayalakshmi Shedthi A. M.Sc student of Department of Chemistry from Mangalore University has successfully completed the Industrial Training at Department of Process Chemistry, Eurofins Advinus Ltd. Bengaluru, Karnataka from 11.06.2018 to 20.07.2018

For Eurofins Advinus Ltd

Sarabject Singh

VP & Head - Human Resources



CERTIFICATE

Awarded

to

Kavyashree.N

of

Mangalore University Mangalagangothri.

For Successful Completion Of Internship Training In Quantitative And Qualitative Analysis of Sodium Chloride Along With Other Pharma and Food Products.

From 08/06/2018 to 04/07/2018



Gautham.H

General Manager

Auriga Research Private Limited.

(Formerly Auriga Research Ltd)
No. 136, 6th Cross, 2nd Stage, Yeshwanthpur Industrial Suburb, Bangalore-560 022.
Ph: 080-28396878. E-mail: admin@aurigaresearch.com. Website: www.aurigaresearch.com

Registered Office: Auriga Research Private Limited 3/15, Kirti Nagar, Industrial Area, New Delhi-110015. CIN: U74899DL1994PTC063731

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL DEPARTMENT OF CHEMISTRY



CERTIFICATE

This is to certify that Ms. **Keerthika P**, student of M.Sc. Chemistry from Mangalore University has successfully completed her Summer Internship Program at Department of Chemistry, NITK Surathkal. She has worked on the Topic HETEROPOLYACID CATALYST FOR PRODUCING BIOFUEL CANDIDATE ALKYL LEVULINATES FROM BIOMASS DERIVED FURFURYL ALCOHOL dated from 4th June 2018 to 26th July 2018, under the guidance of **Dr. Sib Sankar Mal**, Department of Chemistry, and NITK Surathkal.

Dung 26/04/20

Dr. ARUN M. ISLOOR

Professor & Head

DEPARTMENT OF CHEMISTRY

National Institute of Technology Karnataka

Surathkal, Srinivasnagar

MANGALORE - 575 025, D.K., INDIA



MICRO LABS LIMITED

12th Jul 2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Madhura, studying M.Sc. Applied Chemistry at Mangalore University, Mangalagangothri Konaje has successfully completed the project work titled "Physico-chemical characterisation of Dolutegravir Sodium" in our Analytical Research Division (ARD) during the period 7th June to 7th July 2018 under the supervision of Dr. Sujeet Shrivastava.

We wish Ms. Madhura all the best in her future endeavors.

Pramodkum

Dr. Pramod Kumar Sr. Vice President (R&D)



MICRO LABS LIMITED

PLOT NO. 43-45, K.I.A.D.B., JIGANI-BOMMASANDRA LINK ROAD, ANEKAL TALUK, BANGALORE-560 105

Tet.: 08110-415647, 415648 Fex: 08110-415647 Ext: 131

12th Jul 2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Nireeksha**, studying M.Sc. Applied Chemistry at Mangalore University, Mangalagangothri Konaje has successfully completed the project work titled "**Determination of DCU content in Etifoxine drug by HPLC method**" in our Analytical Research Division (ARD) during the period **7th July 2018** under the supervision of Dr. Sujeet Shrivastava.

We wish Ms. Nireeksha all the best in her future endeavors.

Pramodlan

Dr. Pramod Kumar Sr. Vice President (R&D)

CERTIFICATE

This is to certify that **Ms. NISHITHA K R** has successfully completed her summer project - "Synthesis and Characterization of Structurally Related Compounds of Fluphenazine hydrochloride" as part of her MSc Applied Chemistry project (studying at Department of Studies in Chemistry, Mangalore University, Mangalagangothri) in the R&D department of R L Fine Chem Pvt. Ltd, No 15, KHB Industrial Area, Yelahanka, Bangalore-560064 under the guidance of Dr. Narayana Murthy, GM-R&D, R L Fine Chem Pvt. Ltd.

Dr Narayan Murthy

General Manager R & D

Email: dr.murthy@rlfinechem.com

Date: 11.07.2018

Place: Bangalore

Dr. Ramesha A.R.

President-Technical,

R L Fine Chem Pvt. Ltd,

No.15, KHB Industrial Area,

Yelahanka,

Bengaluru-560064.

Email: dr.ramesha@rlfinechem.com





Cardolite Specialty Chemicals India LLP

(A limited liability partnership registered under the LLP Act, 2008) LLPIN AAC-1765

> > July 26, 2017

CERTIFICATE

(To whomsoever it may concern)

This is to certify that Ms. Pallavi K S (175123620) student of MSc (Chemistry) from Mangalore University, Mangalagangothri Mangalore has successfully completed her internship program in our organization during the period from 06th June 2018 to 05th July 2018.

During the above period we found her sincere & hard working and she has taken proper initiative and efforts towards completing his internship.

We wish her all the best in her future endeavors.

For Cardolite Specialty Chemicals India LLP

Authorised Signatory

Visit us at : www.cardolite.com



REF : ABPL/ HRD/Trainee Ltr

DATE: 20th July, 2018

Anthem Biosciences Pvt. Ltd.

49, F1 & F2, Canara Bank Road, Bommasandra Industrial Area, Phase I Bommasandra, Bengaluru - 560 099 Karnataka, India

CIN: U24233KA2006PTC039703

Tel: +91 80 6672 4000 Fax: +91 80 6672 4020 www.anthembio.com

Certificate of Project Completion

I hereby certify that the thesis entitled "SYNTHESIS OF BRETTPHOS LIGAND AND ITS APPLICATIONS IN THE PALLADIUM CATALYZED COUPLING REACTIONS" submitted by Ms. PRAJNA SARASWATHI who has successfully completed her research project at Chemistry department of our organization from 05th June, 2018 to 20th July, 2018 under the guidance of Mr. PRASHANTH NAYAK.

She demonstrated significant enthusiasm and scientific acumen during this period. We found her sincere and hard working during her tenure. We fully appreciated her performance in every regard. We wish her all the best in her future endeavors.

Best Regards

For ANTHEM BIOSCIENCES PVT. LTD

PRASHANTH NAYAK Manager- Chemistry Lab



Communication Address: Solara Active Pharma Sciences Limited Plot Nos. 120A & B, 36, 120P & 121. Industrial Area, Balkampady New Mangalore - 575011, India Tel: +91 824 2402100, Fax: +91 824 2402256

Ref: SSL/HR/ 3683 /2018

Date: 21-07-2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Prathibha P S, student of M.Sc. Applied Chemistry, Mangalore University Mangalagangothri, has completed Project Work from June 11th 2018 to July 21st 2018 on the topic "Synthesis of 2-Chloroquinoline-3-Carbaldehyde by Meth-Cohn synthesis, its Chalcones and Pyrazole Derivatives" being part of her academic curriculum.

During the project she evinced keen interest in the said project and her conduct and character was good. She was very sincere, hardworking and diligent.

We wish her all success in her future endeavours.

For Solara Active Pharma Sciences Limited

Dr. Prakash Karegoudar

Sr. Manager

CIN: U85110KA1980SGC003871



ಕರ್ನಾಟಕ ಸಾಬೂನು ಮತ್ತು ಮಾರ್ಜಕ ನಿಯಮಿತ

(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸ್ನಾಮ್ಯಕ್ಕೆ ಒಳಪಟ್ಟಿದೆ)



KSDL/HRD/59[C]-A/2018-19/ 194

Date: 05.07.2018

CERTIFICATE

This is to certify that Ms. Rakshanda. L M.Sc Student of Mangalore University, Department of Studies in Chemistry Mangalgangotri-574199 has done Project Work on "A Study on Production Process and Quality Assurance" at Karnataka Soaps & Detergents Limited Bengaluru-560 055, from: 05.05.2018 to 05.07.2018.

During her project Work in our Company, we found her Character & Conduct are Good.

We wish her success in Life and Career.

ASST.GENERAL [Human Resource & Development]

> Kamataka Soaps & Detergents Limited # 27, Industrial Suburb, Bengaluru-Puna Highway. Rajaijinagar, Bengaluru-560 055



Syngenta Biosciences Pvt. Ltd.

Santa Monica Works Corlim, Ilhas Goa, 403 110, India

Goa- 403 110, India Tel : + 91 832 2490500 Fax : + 91 832 2490524

www.syngenta.com

CIN: U24210PN2001PTC135949

27th July, 2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Rashmitha, M.Sc student from Mangalore University has successfully completed the project entitled "SYNTHESIS OF VINAMIDIUM SALT AND ITS APPLICATION IN SYNTHESIS OF QUINOLINE DERIVATIVES" from Syngenta Biosciences Pvt. Ltd., Goa during the period of 11th June to 27th July, 2018 as a part of her academic curriculum.

We wish her success in future endeavors.

Yours faithfully,

Syngenta Biosciences Pvt. Ltd.

Ravi Kiran

HR Business Partner

R&T, Legal & CA



20th July 2018

CERTIFICATE

This is to certify that Ms. Rekha N V, M.Sc student of Department of Chemistry from Mangalore University has successfully completed the Industrial Training at Department of Process Analytical, Eurofins Advinus Ltd, Bengaluru, Karnataka from 11.06.2018 to 20.07.2018.

For Eurofins Advinus Ltd

Sarabjeet Singh

VP & Head - Human Resources



JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH

(A Deemed University)

JAKKUR, BANGALORE-560 064, INDIA



This is to certify that

Reshma K.

worked with

Prof. T. Govindaraju, JNCASR, Bangalore

under the

SUMMER RESEARCH FELLOWSHIP PROGRAMME

of the Jawaharlal Nehru Centre for Advanced Scientific Research during 2018.

Place : Bangalore Date : August - 2018 Dean, Fellowships & Extension Programmes



Sigma-Aldrich Chemicals Private Limited # 12, Bommasandra Jigani Link Road Eangalore - 560 100, India Teb + 91 80 6621 9400 Fax: +21 80 6621 9460

CERTIFICATE

This is to certify that Ms.Shilpa student of M.Sc. Chemistry, Mangalore University Mangalagangotri, Mangalore carried out her project work in our company on "Functional group Transformation of Benzoic acid to Benzyl alcohol via Grignard reaction" under the guidance of our Scientist Pratik G during June-July 2018.

Dr.Ravindra V. Singh

Head, Research and Development

Merck Life Science, Bangalore, India



11th July 2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Shravya S, Reg. No. 175123628 student of MSc - Applied Chemistry, III Semester from Mangalore University - Mangalagangothri - Konaje has successfully completed her Internship Training at "Recipharm Pharmaservcies Pvt Ltd" for 26 days.

This Certificate is issued only for her academic purpose.

We wish her all the success in her future endeavours.

for RECIPHARM PHARMASERVICES PVT LTD.,

Charge

CHAYA DEVI MANAGER - HUMAN RESOURCES



We create chemistry

BASF India Limited, Mangalore, india

Date 13th July, 2018 Name C. M. Nataraj

Department HR & Administration

Telephone 2237116 Telefax 2270025

CERTIFICATE

This is to certify that Ms. Shruthi N R, a student from Mangalore University, Mangalore has completed her In Plant Training in our Company as a partial fulfilment of her curriculum for her M.Sc. IV - Sem. (Applied Chemistry) for a period of five weeks from 11.06.2018 to 13.07.2018. During the training period, she had necessary training in Refinish Lab. She also carried out a Project on "Effect Pigments in Automotive Paints".

She was disciplined and showed keen interest in her training besides being regular and punctual.

We wish her all success in her future endeavours.

(C. M. Nataraj)

Head HR - Mangalore Works

BASF India Limited

Surathkal - Bajpe Road Bala Village, Via-Katipalla Mangalore - 575 030 India Tel: +91 824 2237 105 2237 114 Fax: +91 824 2270 025

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The Capital
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* Tel +91 22 6278560
Website www.basf.com/in

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL DEPARTMENT OF CHEMISTRY



CERTIFICATE

This is to certify that Ms. Shubhashree P.K, student of M.Sc. Chemistry from Mangalore University has successfully completed her Summer Internship Program at Department of Chemistry, NITK Surathkal. She has worked on the Topic FABRICATION AND CHARACTERISATION OF PEI BASED MEMBRANE FOR HEAVY METAL REJECTION dated from 1st June 2018 to 20th July 2018, under the guidance of Prof. Arun M Isloor, Department of Chemistry, and NITK Surathkal.

· Denne 26/04/2019

Dr. ARUN M. ISLOOR
Professor & Head
DEPARTMENT OF CHEMISTRY
National Institute of Technology Karnataka
Surathkal, Srinivasnagar
MANGALORE - 575 025, D.K., INDIA

INSTITUTE OF DRILLING FLUIDS RESEARCH & DEVELOPMENT

CERTIFICATE OF TRAINING



This is to certify that Mr/Ms. SONA · K.

has successfully completed certificate course on Stuidles of Conventional and TKCL-Polymen based Durilling Fluids and Filturation loss characteris

conducted at IDFRD Laboratory at Chhatral GIDC, Gandhinagar, Gujarat

from 14./06/2018. to 14./09/2018. for duration ofhrs

US seeder

Head Labs, IDFRD

hamagahuen C.

Course Instructor, IDFRD

IDFRD, Plot no. C1-3354, Phase 4, Chhatral GIDC, Kalol Taluka, Gandhinagar, Gujarat- 382729.