

## COMPANY CERTIFICATE



#23, 2<sup>nd</sup> Floor, 5<sup>th</sup> Cross, Churchaghatta Main Road, Off Kanakapura Road Metro Station  
Bengaluru - 560062

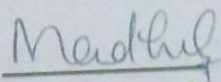
Website: [www.vidhathriacademy.in](http://www.vidhathriacademy.in) | Email: [contact@vidhathriacademy.in](mailto:contact@vidhathriacademy.in)

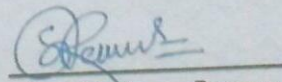
# CERTIFICATE

This is to certify that Mr./Ms. ADESH. K.  
of the ~~Under-Graduate~~ / Post-graduate Department of Chemistry / III SEM. of  
MANGALORE UNIVERSITY Has participated and successfully completed the  
Advanced training cum internship program on  
*"Essentials of Synthesis to Chemical Industry"*  
conducted by this centre between 01, SEP - 30, SEP. 2023  
at M/S Onium Life Sciences / ~~SudhiShubha Chemosynthons Ltd.~~ / ~~Dr. Datavai Laboratories,~~  
Bengaluru.

### The major areas covered being :

- Separation techniques
- Understanding safety in chemical lab
- Planning single step and multi step synthesis
- Execution of the synthesis
- Isolation and characterization principles
- Report writing

  
Dr. Madhu Ganesh  
Founder-Director

  
Mr. Shivsharan Revoore  
Operations Manager





## COMPANY CERTIFICSTE



### HONEYCHEM PHARMA RESEARCH PVT. LTD.

No. C-179, 4<sup>th</sup> C Main Road, Peenya Industrial Estate, Peenya, Bangalore-560058,  
Phone No. 08028368566, E mail: info@honeychempharma.com, www. Honeychempharma.com

Ref. No.: HCPL/TRI/75/2023

Date: 04.10.2023

#### Certificate of Internship

This is to certify that **Ms. Akshata Raju Badore.**, M.Sc. Chemistry, student of Mangalore University, Mangalagangothri, Mangalore, has undergone internship programme at our centre successfully. As the part of the internship from 01<sup>st</sup> September of 2023 to 04<sup>th</sup> October of 2023

**Ms. Akshata Raju Badore.**, has undergone training at our Research and Development centre. During this period she learnt the following area

1. How to Calculate mole Equivalent
2. *Synthesis and characterization of antihistamines drug Meclizine (API)*
3. Monitored the reaction progress by Thin layer chromatograph (TLC)
4. The synthesized compound was Isolated and purified by column chromatography
5. The synthesized compound purity checked by HPLC
6. The synthesized compound molecular weight checked by LCMS
7. The synthesized product characterized by <sup>1</sup>H NMR
8. Handling of pH meter and calibration using different pH values
9. Handling of Analytical balance and daily calibration
10. Preparation different type of buffer solution for HPLC
11. Handling of HPLC and Sample Preparation
12. Handling of muffle France for estimation of residue on ignition (ROI)
13. Handling of Hot air oven for estimation of loss on drying (LOD)

During the internship, **Ms. Akshata Raju Badore.**, was punctual, positive and performance oriented and completed all the activities/tasks assigned to her successfully. Her character and conduct found to be very good during internship at our centre.

We wish her all success in her career.

For Honeychem Pharma Research Pvt. Ltd

  
Dr. Shivasa G. B.  
(Managing Director)





AVENTURA ORGANICA

*Research for excellence*

No. R-116, KSSIDC Industrial Estate, Hebbal, Mysore-570016, India

aventuraorganica@gmail.com; www.aventuraorganica.net

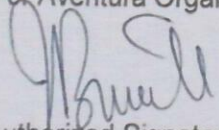
Tel: 9343197971, 9886495008

### CERTIFICATE

This is to certify that **Mr. AMOL P KAMBLE** Reg.No. P05AZ22S032073 has successfully completed the Industrial Project Work entitled "**Synthesis of Some Organic Compounds**" at AVENTURA ORGANICA, KSSIDC Industrial Estate, Hebbal, Mysore from 4<sup>th</sup> September 2023 to 30<sup>th</sup> September 2023.

This report can be submitted to the Department of Studies in Chemistry, Mangalagangothri, Mangalore University for the fulfillment of dissertation work.

For Aventura Organica

  
30/9/23  
Authorized Signatory

**AVENTURA ORGANICA**

No. R-116, KSSIDC Indl. Estate

Hebbal, MYSORE-570 016

(T): 0821-3284446





**SOLARA**  
Active Pharma Sciences

Communication Address :  
Solara Active Pharma Sciences Limited  
Plot Nos.120 A&B, 120P & 121, Plot No 36  
Industrial Area, Baikampady  
New Mangalore-575011. Karnataka, India  
Tel : +91 824 2402100.  
E-mail : info@solara.com  
www.solara.co.in

Ref: SAPS/HRA/2022/8791

Date: 07.10.2023

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that **Mr. Aniruddha**, pursuing his M. Sc Chemistry in Mangalore university, Mangalagangothri bearing Reg P05AZ22S032088 has successfully completed his Project work titled "**Synthesis of ester, hydrazide and 1,3,4-oxadiazole**" from 01/09/2023 to 07/10/2023.as a part of his academic curriculum.

He has shown keen interest in learning. His conduct and character were good during the training period.

We wish him good luck in his future endeavours.

**For Solara Active Pharma Science Limited**

  
**Authorised Signatory**



## COMPANY CERTIFICATE



#23, 2<sup>nd</sup> Floor, 5<sup>th</sup> Cross, Chunchaghatta Main Road, Off Kanakapura Road Metro Station  
Bengaluru - 560062


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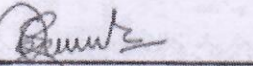
## CERTIFICATE

This is to certify that Mr./Ms. ANISH KUMAR B.  
of the ~~Under-Graduate~~ / Post-graduate Department of Chemistry / III SEM. of  
MANGALORE UNIVERSITY Has participated and successfully completed the  
Advanced training cum internship program on  
"Essentials of Synthesis to Chemical Industry"  
conducted by this centre between 01, SEPT - 30, SEPTEMBER 2023  
at M/S Onium Life Sciences / ~~SudhiShubha Chemsynthons Ltd.~~ / Dr. Dalavai Laboratories,  
Bengaluru.

The major areas covered being :

- Separation techniques
- Understanding safety in chemical lab
- Planning single step and multi step synthesis
- Execution of the synthesis
- Isolation and characterization principles
- Report writing

  
Dr. Madhu Ganesh  
Founder-Director

  
Mr. Shivsharan Revoore  
Operations Manager





## CERTIFICATE

This is to certify that the dissertation/project work entitled **"Identification of the given unknown organic compound by Chromatographic and spectroscopic techniques"** is carried out by **Ms. ANJANA N P** Register Number: **P05AZ22S032097** as part of her M.Sc Chemistry project studying at Mangalore University, Karnataka, India. This work was carried out at Chromatogen Analytical solutions Pvt Ltd, #225, JCK Industrial park, Belagola Industrial area, Mysuru-570016, from 04/09/2023 to 30/09/2023 under the guidance of Dr. Shankara H. N. CEO, Chromatogen Analytical solutions, Mysore.

Date: 27/06/2024

Place: Mysore



For Chromatogen Analytical  
Solutions (OPC) Private Limited

  
**Dr. Shankara HN**

CEO

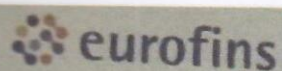
Chromatogen Analytical Solutions

E Mail: [shankarahn84@gmail.com](mailto:shankarahn84@gmail.com)

[dr.shankara@chromatogen.in](mailto:dr.shankara@chromatogen.in)

Mob: +919901355883





Advinus

TO WHOM IT MAY CONCERN

This is certify that Ms.Annapoorna.N.K has undergone Industrial Training in Eurofins Advinus Biopharma Services India Private Limited,Bengaluru from 01<sup>st</sup> September 2023 to 28<sup>th</sup> September 2023.During this period she has also done a project entitled "SYNTHESIS AND CHARACTERIZATION OF N-{2-[(2-nitro-4-pentylphenyl)amino]-2-oxoethyl}benzamide".

Her conduct and learning during the period were satisfactory.

*Amrendra 29/09/2023*  
Dr.Amrendra Kumar Roy

Director, Head, Department of Chemistry

**Eurofins Advinus Biopharma Services India Private Limited**

Regd. Office : 21 & 22, Phase-II  
Bennaya Industrial Area  
Bengaluru-560 058, India  
N: U74999KA2018FTC118353  
mail: info@advinus.com  
+91 80 66552700

Factory :  
Plot No. 17F, Bidadi Industrial Area,  
2nd Phase, Sector - I, Bidadi,  
Ramanagar District - 562109,  
Bengaluru, Karnataka, INDIA  
T: +91 80 2802 2800 - 30 Lines





Syngenta Biosciences Private Limited  
Registered & Corporate Office  
Amar Paradigm, S.No. 110/11/3  
Baner Road, Pune 411 045  
Maharashtra, India.  
Tel : + 91 20 3069 9200  
Fax : + 91 20 3069 9480  
www.syngenta.com  
CIN: U24210PN2001PTC135949

Date: 25/10/2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Miss. Apeksha (Register number:P05AZ22S032062) student from Department of Chemistry, Mangalagangothri, Mangalore University, has completed a project on "Synthesis of Substituted Oximes Building Blocks for Agrochemical Research" from 1<sup>st</sup> Sept to 13<sup>th</sup> Oct 2023 as a part of her academic curriculum.

We wish her all the success in her future endeavors.

Yours faithfully,

Syngenta Biosciences Pvt. Ltd.

**PRITI  
SINGH**

**Priti Singh  
Head Human Resources, India**

Digitally signed by PRITI SINGH  
DN: c=IN, o=PERSONAL, title=6497,  
pseudoym=ec4ae75+5c241726cb097  
102b12070,  
2.5.4.20=6330b94c892a15b9941881d31  
46646681c57a2b123642d7981025af089  
2375, postalCode=1201815+Haryana,  
serialNumber=271c3a1a020fbc749194  
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33cbf9a124, cn=PRITI SINGH  
Date: 2023.10.25 16:18:06 +05:30





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## CERTIFICATE

This is to certify that Mr./Ms. ASHWINI  
of the ~~Under-Graduate~~ / Post-graduate Department of Chemistry / III SEM. of  
MANGALORE UNIVERSITY Has participated and successfully completed the  
Advanced training cum internship program on  
"Essentials of Synthesis to Chemical Industry"  
conducted by this centre between 01, SEPT - 30, SEPTEMBER 2023  
at M/S Onium Life Sciences / ~~Sudhi Shree Chemo Synthesis Ltd.~~ / ~~Dr. Dataval Laboratories,~~  
Bengaluru.

The major areas covered being :

- Separation techniques
- Understanding safety in chemical lab
- Planning single step and multi step synthesis
- Execution of the synthesis
- Isolation and characterization principles
- Report writing

  
Dr. Madhu Ganesh  
Founder-Director

  
Mr. Shivsharan Revooore  
Operations Manager







**SOLARA**  
Active Pharma Sciences

Communication Address  
Solara Active Pharma Sciences Limited  
Plot Nos.120 A&B, 120P & 121, Plot No 36  
Industrial Area, Baikampady  
New Mangalore-575011, Karnataka, India  
Tel : +91 824 2402100.  
E-mail : info@solara.com  
www.solara.co.in

Ref: SAPS/HRA/2022/8798

Date: 14.10.2023

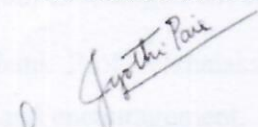
**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that **Ms. Chithra**, pursuing her M. Sc Chemistry in Mangalore university, Mangalagangothri, bearing Reg No. P05AZ22S032068 has successfully completed her Project work titled "**Synthesis of Chalcones and its heterocyclic derivatives**" from 04/09/2023 to 04/10/2023, as a part of her academic curriculum.

She has shown keen interest in learning. Her conduct and character were good during the training period.

We wish her good luck in her future endeavours.

**For Solara Active Pharma Science Limited**

  
Authorised Signatory



## ACKNOWLEDGEMENT



#23, 2<sup>nd</sup> Floor, 5<sup>th</sup> Cross, Churchghatta Main Road, Off Kanakapura Road Metro Station  
Bengaluru - 560062

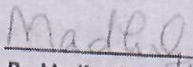
Website: [www.vidhathriacademy.in](http://www.vidhathriacademy.in) | Email: [contact@vidhathriacademy.in](mailto:contact@vidhathriacademy.in)


# CERTIFICATE

This is to certify that Mr./Ms. DEEKSHA  
of the ~~Under-Graduate~~ / Post-graduate Department of Chemistry / III SEM of  
MANGALORE UNIVERSITY Has participated and successfully completed the  
Advanced training cum internship program on  
"Essentials of Synthesis to Chemical Industry"  
conducted by this centre between 01, SEP - 30, SEPTEMBER 2023  
at M/S Onium Life Sciences / ~~Sudhi Shubra Chemsynthons Ltd.~~ / Dr. Dalavai Laboratories,  
Bengaluru.

The major areas covered being :

- Separation techniques
- Understanding safety in chemical lab
- Planning single step and multi step synthesis
- Execution of the synthesis
- Isolation and characterization principles
- Report writing

  
Dr. Madhu Ganesh  
Founder-Director

  
Mr. Shivsharan Revoore  
Operations Manager





ACKNOWLEDGEMENT

**Syngene**

Syngene International Limited  
Biocon Park SEZ, Bommasandra IV Phase,  
Agari Link Road, Bengaluru 560086,  
India.  
T +91 80 6775 8000  
F +91 80 6775 8008  
CIN: L85310KA1960PLC034937  
[www.syngeneintl.com](http://www.syngeneintl.com)

Date: 14 July 2023

**INTERNSHIP COMPLETION CERTIFICATE**

This is to certify that Ms. DEEKSHA (60000869), Pursuing MSc General Chemistry/Organic Chemistry with Department of Chemistry, Mangalore University has successfully completed her internship project titled

**"Decarboxylative Cross-Electrophile Coupling"**

In Syngene International Limited under the guidance of Ramprasad Bhat, from 09 April 2023 to 13 October 2023.

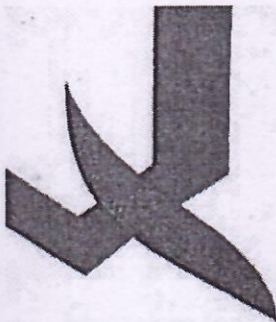
We wish her the best for her future endeavours.

Yours faithfully,  
for Syngene International Limited,



**Balaji Parthasarathy**  
General Manager – Human Resources





# Sequent

04<sup>th</sup> October 2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Ms. Deeksha K S a bonafied MSc student of Mangalore University, Mangalore bearing the Registration Number – P05AZ22S022103 has completed the Internship in our organization from 04<sup>th</sup> September 2023 to 04<sup>th</sup> October 2023.

During the tenure of her internship, we have found her attentive and hardworking.

We wish good luck for her future studies.

For Sequent Research Limited

  
Authorised Signatory

Sequent Research Limited  
Registered Office & Unit I : # 120 A & B, Industrial Area, Baikampady, New Mangalore - 575 011, India. Tel : + 91 824 6611805  
GST : 29AAKCS7538Q1Z8 | CIN : U24232KA2007PLCO42483 | [www.sequent.in](http://www.sequent.in)





**SOLARA**  
Active Pharma Sciences

Communication Address :  
Solara Active Pharma Sciences Limited  
Plot Nos.120 A&B, 120P & 121, Plot No 36  
Industrial Area, Baikampady  
New Mangalore-575011, Karnataka, India  
Tel : +91 824 2402100,  
E-mail : info@solara.com  
www.solara.co.in

Ref: SAPS/HRA/2022/8599

Date: 14.10.2023


**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that **Ms. Deekshitha K**, pursuing her M. Sc Chemistry in Mangalore university, Mangalagangothri, bearing Reg No. P05AZ22S032094 has successfully completed her Project work titled, "**Synthesis of Pyrazole**" from 04/09/2023 to 04/10/2023.as a part of her academic curriculum.

She has shown keen interest in learning. Her conduct and character were good during the training period.

We wish her good luck in her future endeavours.

**For Solara Active Pharma Science Limited**

  
Authorised Signatory





**SOLARA**  
Active Pharma Sciences

Communication Address :  
Solara Active Pharma Sciences Limited  
Plot Nos.120 A&B, 120P & 121, Plot No 36  
Industrial Area, Baikampady  
New Mangalore-575011, Karnataka, India  
Tel : +91 824 2402100  
E-mail : info@solara.com  
www.solara.co.in

Ref: SAPS/HRA/2022/8590

Date: 07.10.2023

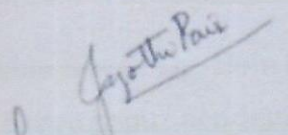
**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that **Ms. Dilist Kyndait**, pursuing her M.Sc Chemistry in Mangalore university, Mangalagangothri, bearing Reg No. P05AZ22S032110 has successfully completed her Project work titled "**Synthesis of Chalcone, Schiff's base, Quinoline and pyrazole derivative**" from 04/09/2023 to 07/10/2023 as a part of her academic curriculum.

She has shown keen interest in learning. Her conduct and character were good during the training period.

We wish her good luck in her future endeavours.

For Solara Active Pharma Science Limited

  
Authorised Signatory



Ref No.: CBPL/04/PGT/2023-24

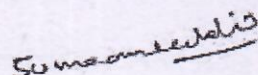
TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Divyashree (Roll Number: P05AZ22S032089), a postgraduate student in Chemistry at Mangalore University, Karnataka, has successfully completed the training period from 02 September 2023 to 13 October 2023 at Com Biotech Private Limited. During this period, she was given hands-on practical training in the following areas:

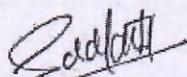
Good Laboratory practices, laboratory safety procedures, to set up synthetic organic reactions, isolation of the compounds, purification & characterization.

She successfully completed the project titled " Facile and Economical method of preparation of Phenyl ethyl alcohol and its characterisation" under the guidance of Dr. Suman Reddy Yeruva and the quality of the work was satisfactory.

For Com Biotech Private Limited.,



Dr. Suman Reddy Yeruva  
Head-Research and development



Dr. Siddalingamurthy E  
Head of Operations



Place: Bengaluru

Date: 13 October 2023

**Com Biotech Private Limited**

Regd. office : No. 456, 3rd Cross, 16th Main, Nirsarga Layout,  
Harappanahalli, Bannerghatta - Jigani Road, Bengaluru - 560083,  
Mobile: +91 97381 04972 / +91 95915 57366  
E-mail: sales@combiotech.in, Web: www.combiotech.in  
CIN: U7499KA2018PTC112010





Mangalore Chemicals  
& Fertilizers Limited

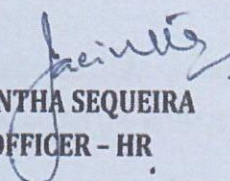
Date: 12-01-2024

## CERTIFICATE

This is to certify that **Ms. FAJISHA E H** has done her internship training on "**Quality control of various Fertilizer products produced**" at **Mangalore Chemicals & Fertilizers Limited** from 22-09-2023 to 20-10-2023.

During the period of her internship, she has been found to be keen in learning and displaying good conduct & character.

Wishing her all the best in her career.

  
**JACINTHA SEQUEIRA**  
**SR. OFFICER - HR**





Trust of Quality & Service

# HONEYCHEM PHARMA RESEARCH PVT. LTD.

No. C-179, 4<sup>th</sup> 'C' Main Road, Peenya Industrial Estate, Peenya, Bangalore-560058,  
Phone No. 08028368566, E mail: info@honeychempharma.com, www. Honeychempharma.com

## TRAINING CERTIFICATE

This is to certify that Ms. Fiza., M.Sc. Chemistry, student of Mangalore University, Mangalagangothri, Mangalore, has completed the project work titled "*Synthesis and characterization of an Anesthetic drug Lidocaine active pharmaceutical ingredients (API)*" towards the fulfillment of the award of M.Sc Master Degree at our Research and Development center from 1<sup>st</sup> September 2023 to 04<sup>th</sup> October 2023, under the guidance of Dr. Srinivasa G.R.

Date: .

Place: Bangalore

(Dr. Srinivasa G. R)

Managing Director

Honeychem Pharma Research PVT. Ltd.,

Peenya Industrial., area,

Bangalore- 560058.





## COMPANY CERTIFICATE



We create chemistry

BASF India Limited, Mangalore, India


Date 13<sup>th</sup> Oct, 2023  
Name Santhosh Pai  
Department Human Resources  
Telephone 2237114  
Telefax 2270025  
Subject Certificate

### CERTIFICATE

This is to certify that Mr. Gaurav Kamath, from Mangalore University, Mangalagangothri has completed his internship in our company for a period of 4 weeks from 15<sup>th</sup> Sep to 13<sup>th</sup> Oct 2023 in **Pre-treatment – performing & its applications.**

He was disciplined and showed keen interest in his training besides being regular and punctual.

We wish him success in his future endeavors.

  
(Santhosh Pai)  
Human Resources – Mangalore Site

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

Registered Office:  
The Capital  
1204-C, 12<sup>th</sup> Floor  
Plot No C-70, 'G' Block,  
Bandra Kurla Complex, Bandra (East)  
Mumbai - 400051  
Tel : +91 22 62785600  
Website : www.basf.com/in  
L33112MH1943FLC009972

Internal



**Syngenta Biosciences Private Limited**  
Registered & Corporate Office  
Amar Paradigm, S.No. 110/11/3  
Baner Road, Pune 411 045  
Maharashtra, India  
Tel : + 91 20 3069 9200  
Fax : + 91 20 3069 9480  
[www.syngenta.com](http://www.syngenta.com)  
CIN: U24210PN2001PTC135049

TO WHOMSOEVER IT MAY CONCERN

**We wish her all the success in her future endeavors.**

[illegible]





We create chemistry

BASF India Limited, Mangalore, India

Date 13<sup>th</sup> Oct 2023  
Name Santhosh Pai  
Department Human Resources  
Telephone 2237114  
Telefax 2270025  
Subject Certificate

### CERTIFICATE

This is to certify that Mr. Jason Manish Fernandes Reg No. P05AZ22S032083, from Mangalore University (Main Campus) KonaJe, Mangalore has completed his internship in our company for a period of 4 weeks from 15.09.2023 TO 13.10.2023 in Quality Assurance, **Exploratory: Testing protocols for Dyes, Dispersion, Polymers, Micronutrients&Analytical methods.**

He was disciplined and showed keen interest in his training besides being regular and punctual.

We wish him success in his future endeavors.

(Santhosh Pai)  
Human Resources – Mangalore Site

BASF India Limited  
Surathkal - Balpe Road  
Bala Village, Via-Katipalla  
Mangalore - 575 090  
India  
Tel.: +91 824 2237 105/  
2237 114  
Fax : +91 824 2270 025

Registered Office:  
The Capital  
1204-C, 12<sup>th</sup> Floor  
Plot No C-70, 'G' Block  
Bandra Kurla Complex, Bandra (East)  
Mumbai- 400051  
Tel.: +91 22 62785600  
Website : www.basf.com/in  
L33112MH1943FLC003972

Internal



# COMPANY CERTIFICATE

**Chromatogen**  
Analytical Solutions

Chromatogen Analytical Solutions Pvt. Ltd.  
*Solutions for Chromatography*

## CERTIFICATE

This is to certify that the dissertation/project work entitled "**Analysis of Papaya leaf extract by GC-MS method**" is carried out by Ms K.K.Thrupthi Register Number: P05AZ22S032087 as part of her M.Sc Chemistry project studying at Mangalore University, Karnataka, India. This work was carried out at Chromatogen Analytical solutions Pvt Ltd, #225, JCK Industrial park, Belagola Industrial area, Mysuru-570016, from 04/09/2023 to 30/09/2023 under the guidance of Dr. Shankara H. N. CEO, Chromatogen Analytical solutions, Mysore.

Date: 27/06/2024

Place: Mysore



For Chromatogen Analytical  
Solutions (OPC) Private Limited

  
Dr. Shankara H.N.

CEO

Chromatogen Analytical Solutions

E Mail: [shankarahn84@gmail.com](mailto:shankarahn84@gmail.com)

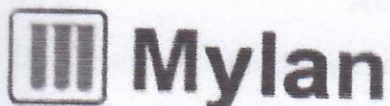
[dr.shankara@chromatogen.in](mailto:dr.shankara@chromatogen.in)

Mob: +919901355883

**Chromatogen Analytical Solutions Pvt. Ltd.**

Regd. Office: # 225, JCK Industrial Park, Belagola Industrial Area, Dist-Mysore, Mysuru - 570016, Karnataka, India  
Mob: +91 9901355883, +91 8792623881  
Mail: [dr.shankara@chromatogen.in](mailto:dr.shankara@chromatogen.in)





Mylan Laboratories Limited-Specialty Formulation Facility  
No. 19A, Plot No. 284/B1, B.J.R. Industrial Area, Jigani Hobli  
Anekal Taluk, Bangalore - 560 105, India. Tel: +91-80-66354906  
E-mail : mylan.india@mylan.in Web : www.mylan.in  
CIN U24231TG1984PLC00T5146

Date: 30<sup>th</sup> September 2023

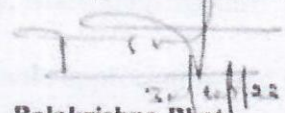
**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that, Mr. Mallikarjuna M, M.Sc. Chemistry student of Mangalore University, Mangalagangothri has successfully completed his internship in our organization from 01<sup>st</sup> September 2023 to 30<sup>th</sup> September 2023.

During this period, we found him sincere and diligent. We wish him all the very best in his future endeavors.

This Certificate is issued for academic purpose.

**For Mylan Laboratories Limited**

  
**Balakrishna Bhate**  
**Assistant General Manager - HR**

Regd. Office : Plot No 564/A/22, Road No 92, Jubilee Hills, Hyderabad-500 034, Telangana, India  
Tel: +91-40-30866666, 23550543, Fax: 30866699





We create chemistry

BASF India Limited, Mangalore, India

Date 13<sup>th</sup> Oct, 2023  
Name Santhosh Pai  
Department Human Resources  
Telephone 2237114  
Telefax 2270025  
Subject Certificate

#### CERTIFICATE

This is to certify that Mr. Mohammed Ashveer, from Mangalore University, Mangalagangothri has completed his Internship in our company for a period of 4 weeks from 15<sup>th</sup> Sep to 13<sup>th</sup> Oct 2023 in **Raw material testing & its importance in coatings.**

He was disciplined and showed keen interest in his training besides being regular and punctual.

We wish him success in his future endeavors.

(Santhosh Pai)  
Human Resources – Mangalore Site

BASF India Limited  
Surathkal - Bape Road  
Bala Village, Vile Katipalla  
Mangalore - 575 030  
India  
Tel: +91 824 2237 105  
2237 114  
Fax: +91 824 2270 025

Registered Office  
The Capital  
1204-C, 12<sup>th</sup> Floor  
Plot No C-70, 'G' Block  
Sandra Hurle Complex, Sandra (East)  
Mumbai - 400051  
Tel: +91 22 62785500  
Website: www.basf.com/in  
L53112MH1943FLC003972

Internal



## COMPANY CERTIFICATE



We create chemistry

BASF India Limited, Mangalore, India

Date 13<sup>th</sup> Oct, 2023  
Name Santhosh Pai  
Department Human Resources  
Telephone 2237114  
Telefax 2270025  
Subject Certificate

### CERTIFICATE

This is to certify that Mr. Mohith Kumar B, from Mangalore University, Mangalagangothri has completed his internship in our company for a period of 4 weeks from 15<sup>th</sup> Sep to 13<sup>th</sup> Oct 2023 in **FG testing – Co-relation study of viscosity & temperature.**

He was disciplined and showed keen interest in his training besides being regular and punctual.

We wish him success in his future endeavors.

(Santhosh Pai)  
Human Resources – Mangalore Site

BASF India Limited  
Surathkal - Bape Road  
Bata Village, Via Katpalla  
Mangalore - 575 030  
India  
Tel: +91 824 2237 105  
2237 114  
Fax: +91 824 2270 025

Registered Office  
The Capital  
1204-C, 12<sup>th</sup> Floor  
Plot No C-70, 1<sup>st</sup> Block  
Bandra Kurla Complex, Bandra (E),  
Mumbai 400051  
Tel: +91 22 62705500  
Website: [www.basf.com/in](http://www.basf.com/in)  
L30112M41943F1C003972

Internal





## Poornaprajna Institute of Scientific Research

Promoted and Managed by Admar Mult Education Foundation (AMFF)

Recognised by Department of Scientific & Industrial Research (DSIR) and MAHE, Manipal

City Campus: #4, 16th Cross, Sadashivanagar, Bengaluru - 560 080. Ph: 080 2361 1836

Research Institute: #167, Poornaprajnapura, Bidalur Post, Devanahalli, Bengaluru - 562 164

Web: www.ppisr.res.in

13-10-2023

Bengaluru

### CERTIFICATE

This is to certify that Ms. Mridula. A. B, the student of Dept. of Chemistry, Mangalore University, Mangalagangothri, Karnataka completed her research internship entitled as a partial fulfilment of the requirement for the award of "Master of Science in Chemistry". During this period, pursued her research work on "Titanium Dioxide for Photocatalytic Hydrogen Production" and acquainted with knowledge on thin film synthesis and testing of catalyst under direct sunlight and measuring the activity of catalyst and hydrogen using gas chromatography (GC). It is the bona fide record of the research work carried out by her under the supervision of Dr. Naresh Nalajala from 01-09-2023 to 13-10-2023, at Department of Materials Science and Catalysis, Poornaprajna Institute of Scientific Research (PPISR), Bengaluru.

*N. Naresh*  
Dr. Naresh Nalajala

Assistant Professor

Department of Materials Science and Catalysis

Poornaprajna Institute of Scientific Research (PPISR)

**Dr. NARESH NALAJALA**

Assistant Professor

Materials Science and Catalysis Division

Poornaprajna Institute of Scientific Research  
Bidalur Post, Devanahalli, Bengaluru-562164





## KARNATAKA SOAPS & DETERGENTS LIMITED.

**BANGALORE-55**

(A Government of Karnataka Undertaking)

No: 27, Industrial Suburb, P.B No: 5531

Bengaluru-Pune Highway, Rajajinagar, Bengaluru-560055, KARNATAKA

### CERTIFICATE

NO: KSDL/HRD/DGM (TRAINING)/23-24/D7

Date: 25.09.2023

This is to certify that **Ms. Nafiya**, Reg.No:P05AZ22S032060, Student of M.Sc (Chemistry), Mangalore University, Department of Studies in Chemistry, Mangalagangothri, Konaje-574199, has completed her Internship work on "A Study on Manufacturing Production Process & Quality Analysis" at Karnataka Soaps & Detergents Limited Bengaluru-560055 period from:04.09.2023 to 25.09.2023

During Internship work on her academic ability and character was good.

**DEPUTY GENERAL MANAGER**  
Human Resource Development

**LAXMAN. L.D**

Dy Gen Manager (HRD)

**KARNATAKA SOAPS AND DETERGENTS LTD,**  
BANGALORE-560 055

Place: Bengaluru





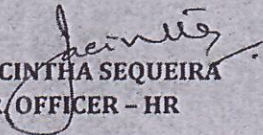
Date: 12-01-2024

**CERTIFICATE**

This is to certify that **Ms. NAMRATHA** has done her internship training on "**Analysis of Process samples**" at **Mangalore Chemicals & Fertilizers Limited** from 22-09-2023 to 20-10-2023.

During the period of her internship, she has been found to be keen in learning and displaying good conduct & character.

Wishing her all the best in her career.

  
**JACINTHA SEQUEIRA**  
SR. OFFICER - HR



## CERTIFICATE

This is to certify that the dissertation/project work entitled "**Structural elucidation of an unknown organic compound using GC, GCMS, IR and NMR spectroscopy**" is carried out by Ms. **NIHARA N.M** Register Number: **PO5AZ22S032091** as part of her M.Sc Chemistry project studying at Mangalore University, Karnataka, India. This work was carried out at Chromatogen Analytical solutions Pvt Ltd, #225, JCK Industrial park, Belagola Industrial area, Mysuru-570016, from 04/09/2023 to 30/09/2023 under the guidance of Dr. Shankara H. N. CEO, Chromatogen Analytical solutions, Mysore.

For Chromatogen Analytical  
Solutions (OPC) Private Limited

Date: 27/06/2024

Place: Mysore



**Dr. Shankara H.N.**

CEO

Chromatogen Analytical Solutions

E Mail: [shankarahn84@gmail.com](mailto:shankarahn84@gmail.com)

[dr.shankara@chromatogen.in](mailto:dr.shankara@chromatogen.in)

Mob: +919901355883

**Chromatogen Analytical Solutions Pvt. Ltd.**

Regd. Office # 225, JCK Industrial Park, Belagola Industrial Area, Dist Mysore, Mysuru - 570016, Karnataka, India  
Mob. +91 9901355883, +91 8792621881  
Mail [dr.shankara@chromatogen.in](mailto:dr.shankara@chromatogen.in)





We create chemistry

BASF India Limited, Mangalore, India

Date 13<sup>th</sup> Oct 2023  
Name Santhosh Pai  
Department Human Resources  
Telephone 2237114  
Telefax 2270025  
Subject Certificate

### CERTIFICATE

This is to certify that Mr. Nithyesh Kumar K, Reg No. P05AZ22S032061, from Mangalore University (Main Campus) Konaje, Mangalore has completed his internship in our company for a period of 4 weeks from 15.09.2023 to 13.10.2023 in Quality Assurance, **Exploratory: Testing protocols for Dyes, Dispersion, Polymers, Micronutrients&Analytical methods.**

He was disciplined and showed keen interest in his training besides being regular and punctual.

We wish him success in his future endeavors.

(Santhosh Pai)  
Human Resources – Mangalore Site

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

Registered Office  
The Capital  
1204-C, 12<sup>th</sup> Floor  
Plot No C-70, 'G' Block  
Bandra Kurla Complex, Bandra (East)  
Mumbai- 400051  
Tel. +91 22 62785600  
Website www.basf.com/in  
L83112MH1943FLC003972

Internal



## CERTIFICATE

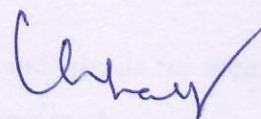
This is to certify that the project work on the topic **DEVELOPMENT OF GUM TRAGACANTH BASED GRAFT COPOLYMER HYDROGEL FOR THE ADSORPTIVE REMOVAL OF DYES FROM WASTEWATER** was carried out by **Ms. Pragathi S. G.**, a student of M.Sc (IV Semester), Chemistry, in a partial fulfillment for the award of degree of Master of Science in Chemistry, Mangalore University, Mangalagangothri.

The project work was carried out under the guidance of **Prof. Vishalakshi B.**, Chairperson, Department of Chemistry, Mangalore University, Mangalagangothri.

Place: Mangalagangothri

Date:

12/7/2024



Prof. Vishalakshi B.

Chairperson & Guide

Department of Chemistry

Mangalore University

Mangalagangothri

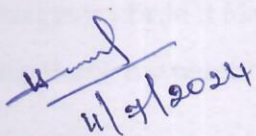
CHAIRPERSON  
Department of Studies in Chemistry  
Mangalore University  
Mangalagangothri - 574 199



## CERTIFICATE

This is to certify that this project work on the topic "**Ultraviolet and aqueous coatings**" was carried out by **Mr.Pramod S. Bhagwat**, a student of M.Sc. (IV Semester) Chemistry Programme in partial fulfillment of the requirements for the award of Degree of Master of Science in Chemistry, Mangalore University, Mangalagangothri.

This work was carried out at Westtek enterprises, Manipal Technologies, Udupi, Karnataka under the combined guidance of Dr. Anand PJ, Senior Manager, Westtek enterprises, Manipal Technologies, Udupi, Karnataka and Dr.Hemashree , Department of Chemistry, Mangalore University, Mangalagangothri.

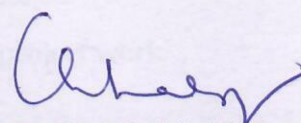
  
4/9/2024  
**Dr.Hemashree K**

**Internal Guide**

Department of Chemistry

Mangalore University

Mangalagangothri-574199



**Prof. Vishalakshi B.**

**Chairperson**

Department of Chemistry

Mangalore University

Mangalagangothri-574199

CHAIRPERSON  
Department of Studies in Chemistry  
Mangalore University  
Mangalagangothri - 574 199



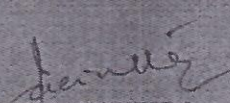
Date: 12-01-2024

CERTIFICATE

This is to certify that Ms. RAKSHA D has done her internship training on "Analysis of Process samples" at Mangalore Chemicals & Fertilizers Limited from 22-09-2023 to 20-10-2023.

During the period of her internship, she has been found to be keen in learning and displaying good conduct & character.

Wishing her all the best in her career.

  
JACINTHA SEQUEIRA  
SR. OFFICER - HR





# Mylan

**Mylan Laboratories Limited**-Specialty Formulation Facility  
No. 19A, Plot No. 284/B1, BJLR Industrial Area, Jigani Hobli  
Anekal Taluk, Bangalore - 560 105, India. Tel: +91-80-66354906  
E-mail : mylan.india@mylan.in Web : www.mylan.in  
CIN:U24231TG1984PLC00T5146

Date: 30<sup>th</sup> September 2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that, Ms. Rakshitha A P, M.Sc. Chemistry student of Mangalore University, Mangalagangothri has successfully completed her internship in our organization from 01<sup>st</sup> September 2023 to 30<sup>th</sup> September 2023.

During this period, we found her sincere and diligent. We wish her all the very best in her future endeavors.

This Certificate is issued for academic purpose.

For Mylan Laboratories Limited

Balakrishna Bhate  
Assistant General Manager - HR

Regd. Office : Plot No.564/A/22, Road No.92, Jubilee Hills, Hyderabad-500 034, Telangana, India  
Tel: +91-40-30866666, 23550543, Fax: 30866699





**CHRIST**  
(DEEMED TO BE UNIVERSITY)  
BANGALORE · INDIA

Centre for Advanced Research and Development (CARD)

**CERTIFICATE**

This is to certify that Ms. Rakshitha R, a student from Mangalore University, Mangalore has completed her In Plant Training in our Institute as a partial fulfilment of her curriculum for her M.Sc. IV-Sem. (Chemistry) for a period of five weeks from 11.09.2023 to 13.10.2023. During the training period, she had necessary training In Refinish Lab. She also carried out a Project on "Synthesis of carbon based catalyst and its application in nitro-amine reduction".

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

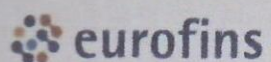
We wish her all success in her future endeavours.

With best

*Director*  
Centre for Advanced Research and Development (CARD)  
CHRIST (Deemed to be University)  
Bengaluru - 560 029

**Dr. Gurumurthy Hegde**  
Professor and Director  
Centre for Advanced Research and Development (CARD)  
CHRIST (Deemed to be University), Bengaluru - 560029  
[christuniversity.in](http://christuniversity.in)  
Ph: +91-8762520397  
Email: [murthyhegde@gmail.com](mailto:murthyhegde@gmail.com) / [gurumurthy.hegde@christuniversity.in](mailto:gurumurthy.hegde@christuniversity.in)





Advinus

28<sup>th</sup> September 2023

INTERNSHIP CERTIFICATE

This is to certify that **Ms. Ranjitha R.**, who is pursuing MSc Chemistry at Mangalore University, has successfully completed the Internship at Eurofins Advinus Biopharma Services India Private Limited, Biopharma Department from 01<sup>st</sup> September 2023 to 28<sup>th</sup> September 2023.

Her learning and conduct during the period were good.

For Eurofins Advinus Biopharma Services India Private Limited

Praveen Kumar T M  
Deputy Manager - HR

Eurofins Advinus Biopharma Services India Private Limited

Regd. Office: 21 & 22, Phase-II  
Peenya Industrial Area  
Bengaluru-560 058, India  
CIN: U74999KA2018FTC118353  
E-mail: info@advinus.com  
T: +91 80 66552700

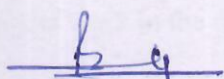
Factory :  
Plot No. 17F, Bidadi Industrial Area,  
2nd Phase, Sector - I, Bidadi,  
Ramanagar District - 562109,  
Bengaluru, Karnataka, INDIA  
T: +91 80 2802 2800 - 30 Lines



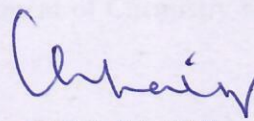
## CERTIFICATE

This is to certify that this project work on the topic **“CHEMICAL MODIFICATION OF POLYSACCHARIDES FOR THE ADSORPTIVE REMOVAL OF CATIONIC DYES FROM AQUEOUS SOLUTIONS”** was carried out at Research Laboratory of Mangalore University, Mangalagangothri by Ms. Ranjitha V., a student of M.Sc. (IV Sem.) Chemistry, in partial fulfilment for the award of degree of Master of Science in Chemistry, Mangalore University, Mangalagangothri.

The project work was carried out under the guidance of Prof. Boja Poojary, Department of Chemistry, Mangalore University, Mangalagangothri.



Prof. Boja Poojary  
Internal Guide  
Department of Chemistry  
Mangalore University  
Mangalagangothri-574199



Prof. Vishalakshi B.  
Chairperson  
Department of Chemistry  
Mangalore University  
Mangalagangothri-574199

CHAIRPERSON  
Department of Studies in Chemistry  
Mangalore University  
Mangalagangothri - 574 199





## PRAKRUTI LIFE SCIENCE PVT. LTD.

CIN NO.U73100KA2012PTC065415  
[www.prakrutilifescience.com](http://www.prakrutilifescience.com)

HR/PLSPL/FW-263/2023-24

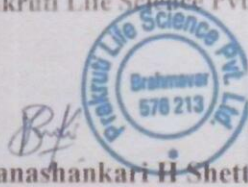
Date: - 04<sup>th</sup> Oct 2023

### CERTIFICATE

This is to certify that Ms. Sahana (P05AZ22S032058) has undergone organizational study in our company and training in Production and Quality department from 04<sup>th</sup> September 2023 to 04<sup>th</sup> October 2023.

Ms. Sahana was found to be keen in learning, hardworking and displayed good conduct and behavior. We at Prakruti Life Science wish her for her future endeavors.

For Prakruti Life Science Pvt Ltd.,



Mrs. Banashankari H Shetty

Manager – HR & Admin

Regd. Office & FACT : No. 54, Neelavara Village, Kunjal, Brahmavara - 576213, Udupi Taluk, Karnataka, In  
Email : [info@prakrutilifescience.com](mailto:info@prakrutilifescience.com) Ph : +91 830 888888





#23, 2<sup>nd</sup> Floor, 5<sup>th</sup> Cross, Churchaghatta Main Road, Off Kanakapura Road Metro Station  
Bengaluru - 560062


Website: [www.vidhathriacademy.in](http://www.vidhathriacademy.in) | Email: [contact@vidhathriacademy.in](mailto:contact@vidhathriacademy.in)


## CERTIFICATE

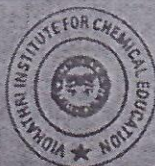
This is to certify that Mr./Ms. SHARANAPPA  
of the ~~Under Graduate~~ / Post-graduate Department of Chemistry / III SEM. of  
MANGALORE UNIVERSITY has participated and successfully completed the  
Advanced training cum internship program on  
"Essentials of Synthesis to Chemical Industry"  
conducted by this centre between 01 SEP - 30 SEPTEMBER 2023  
at M/S Onium Life Sciences / ~~Sudhi Shubha Chemsynthons Ltd.~~ / ~~Dr. Delavai Laboratories,~~  
Bengaluru.

The major areas covered being :

- Separation techniques
- Understanding safety in chemical lab
- Planning single step and multi step synthesis
- Execution of the synthesis
- Isolation and characterization principles
- Report writing

  
Dr. Madhu Ganesh  
Founder-Director

  
Mr. Shivsharan Revooore  
Operations Manager







**SOLARA**  
Active Pharma Sciences

Communication Address :  
Solara Active Pharma Sciences Limited  
Plot Nos 120 A&B, 120P & 121, Plot No 36  
Industrial Area, Baikampady  
New Mangalore-575011, Karnataka, India  
Tel : +91 824 2402100  
E-mail : info@solara.com  
www.solara.co.in

Ref: SAPS/HRA/2022/8778

Date: 07.10.2023

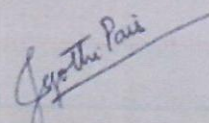
**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that **Ms. Sharanya N R**, pursuing her M. Sc Chemistry in Mangalore university, Mangalagangothri, bearing Reg No. P05AZ22S032104 has successfully completed her Project work titled, "**Synthesis of Triazole derivatives**" from 04/09/2023 to 07/10/2023 as a part of her academic curriculum.

She has shown keen interest in learning. Her conduct and character were good during the training period.

We wish her good luck in her future endeavours.

**For Solara Active Pharma Science Limited**

  
**Authorised Signatory**



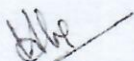
# APOTEX

Innovating for  
patient affordability

Date: 13/10/2023

## CERTIFICATE

This is to certify that **Ms. Sharanya P Hegde**, studying in M.Sc. II semester (Department of Chemistry) at Mangalore University, Mangalagangothri, has satisfactorily undergone practical training on, **"SYNTHESIS AND CHARACTERIZATION OF NITROSAMINE IMPURITIES"** at Apotex Pharmachem India Private Limited, Bommasandra Industrial area, Bangalore, from **04/09/2023 to 13/10/2023**.



Dr. Shreenivasa Murthy

General Manager, Research and Development

Apotex Pharmachem India Private Limited,

Bengaluru, India.

---

Apotex Pharmachem India Pvt. Ltd.,  
Plot No 1A, Bommasandra Industrial Area, 4<sup>th</sup> Phase, Jigani Link Road  
Bangalore 560099, Tel: +91 80 2289 1000  
CIN: U24231KA2003PTC032104  
[www.apotex.com](http://www.apotex.com)



Ref No.: CBPL/05/PGT/2023-24

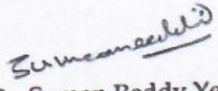
**TO WHOMSOEVER IT MAY CONCERN**

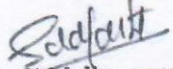
This is to certify that Ms. Shreelahari D H (Roll Number.P05AZ22S032085), a postgraduate student in Chemistry at Mangalore University, Karnataka, has successfully completed the training period from 02 September 2023 to 13 October 2023 at Com Biotech Private Limited. During this period, she was given hands-on practical training in the following areas:

Good Laboratory practices, laboratory safety procedures, to set up synthetic organic reactions, isolation of the compounds, purification & characterization.

She successfully completed the project titled " Synthesis and characterization of Diethyl acetoxy malonate." under the guidance of Dr. Suman Reddy Yeruva and the quality of the work was satisfactory.

For Com Biotech Private Limited.,

  
Dr. Suman Reddy Yeruva  
Head-Research and development

  
Dr. Siddalingamurthy E  
Head of Operations



Place: Bengaluru  
Date: 13 October 2023

**Com Biotech Private Limited**

Regd. office : No. 456, 3rd Cross, 16th Main, Nirsarga Layout,  
Harappanahalli, Bannerghatta - Jigani Road, Bengaluru - 560083,  
Mobile: +91 97381 04972 / +91 95915 57366  
E-mail: sales@combiotech.in, Web: www.combiotech.in  
CIN: U7499KA2018PTC112010





**CHRIST**

DEEMED TO BE UNIVERSITY

BANGALORE - INDIA

Centre for Advanced Research and Development (CARD)

**CERTIFICATE**

This is to certify that Ms. Shreeraksha, a student from Mangalore University, Mangalore has completed her in Plant Training in our Institute as a partial fulfilment of her curriculum for her M.Sc. IV-Sem. (Chemistry) for a period of five weeks from 11.09.2023 to 13.10.2023. During the training period, she had necessary training in Refinish Lab. She also carried out a Project on "Synthesis of carbon based catalyst and its application in Suzuki miyaura reaction".

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

We wish her all success in her future endeavours.

With best

*Director*

*Centre for Advanced Research and Development (CARD)*

*CHRIST (Deemed to be University)*

*Bengaluru - 560 029*

**Dr. Gurumurthy Hegde**

Professor and Director

Centre for Advanced Research and Development (CARD)

CHRIST (Deemed to be University), Bengaluru - 560029

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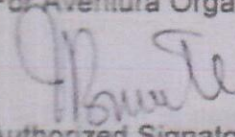
No. R-116, KSSIDC Industrial Estate, Hebbal, Mysore-570016, India  
aventuraorganica@gmail.com; www.aventuraorganica.net  
Tel: 9343197971, 9886495008

**CERTIFICATE**

This is to certify that **Ms. SHREYA. P** Reg.No. P05AZ22S032096  
has successfully completed the Industrial Project Work entitled  
"Synthesis of Some Organic Compounds" at AVENTURA ORGANICA,  
KSSIDC Industrial Estate, Hebbal, Mysore from 4<sup>th</sup> September 2023 to  
30<sup>th</sup> September 2023.

This report can be submitted to the Department of Studies in Chemistry,  
Mangalagangothri, Mangalore University for the fulfillment of dissertation  
work.

For Aventura Organica

  
Authorized Signatory

30/9/23

**AVENTURA ORGANICA**

No. R-116, KSSIDC Indl Estate  
Hebbal, MYSORE-570 016  
(T): 0821-3264448





केरल केन्द्रीय विश्वविद्यालय  
(नैक 'ए' ग्रेड से प्रत्यायित)  
**CENTRAL UNIVERSITY OF KERALA**  
(Accredited with NAAC 'A' Grade)

(संसद के अधिनियम, वर्ष 2009 द्वारा स्थापित / Established under the Act of Parliament in 2009)

No : CUK/SPS/CHE/INTERNSHIP/2023/1041

13.10.2023

**DEPARTMENT OF CHEMISTRY**  
**INTERNSHIP ATTENDANCE CERTIFICATE**

Name of the Candidate: Shwethakumari G R

Programme: MSc. Chemistry

Registration Number: P05AZ22S032077

Institution details: Mangalore University, Managalagangothri

Period of Internship: 1<sup>st</sup> September 2023 – 14<sup>th</sup> October 2023

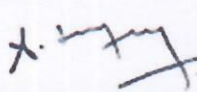
Supervisor's name: **Prof. (Dr.) A. Sakthivel**, Inorganic Materials & Heterogeneous Catalysis Laboratory, Department of Chemistry, School of Physical Sciences, Central University of Kerala.

Credit equivalent: 02

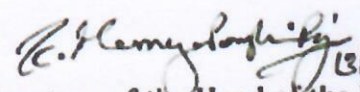
Total working hours: 6 weeks

Grade: A+

Title/ Topic of the research work: *Isomerisation of alkene using hydrotalcite based material.*

  
13/10/2023  
Signature of the Supervisor

Prof. (Dr.) A. SAKTHIVEL, FRSC  
Inorganic Materials & Heterogeneous Catalysis Laboratory  
Department of Chemistry, School of Physical Sciences  
116 Sakthivel Road, Managalagangothri

  
13/10/2023  
Signature of the Head of the Department

Prof. (Dr.) K. Muruga Poopathi Raja  
प्रो. (डॉ.) के. मुरुगा भूपति राजा  
Professor & Head / आचार्य एवं अध्यक्ष  
Department of Chemistry / रसायन विज्ञान विभाग  
School of Physical Sciences

तेजस्विनी हिल्स, तेजस्विनी हाक, कासरगोड, केरल - 671 320 / TEJASWINI HILLS, TEJASWINI HAK, KASARGOD, KERALA - 671 320  
दूरभाष / Phone: 0467 - 2309400, 2309425, 2309405, 2232400, 2232401, 2232402, 2232403, 2232404, 2232405, 2232406, 2232407, 2232408, 2232409, 2232410, 2232411, 2232412, 2232413, 2232414, 2232415, 2232416, 2232417, 2232418, 2232419, 2232420, 2232421, 2232422, 2232423, 2232424, 2232425, 2232426, 2232427, 2232428, 2232429, 2232430, 2232431, 2232432, 2232433, 2232434, 2232435, 2232436, 2232437, 2232438, 2232439, 2232440, 2232441, 2232442, 2232443, 2232444, 2232445, 2232446, 2232447, 2232448, 2232449, 2232450, 2232451, 2232452, 2232453, 2232454, 2232455, 2232456, 2232457, 2232458, 2232459, 2232460, 2232461, 2232462, 2232463, 2232464, 2232465, 2232466, 2232467, 2232468, 2232469, 2232470, 2232471, 2232472, 2232473, 2232474, 2232475, 2232476, 2232477, 2232478, 2232479, 2232480, 2232481, 2232482, 2232483, 2232484, 2232485, 2232486, 2232487, 2232488, 2232489, 2232490, 2232491, 2232492, 2232493, 2232494, 2232495, 2232496, 2232497, 2232498, 2232499, 2232500, 2232501, 2232502, 2232503, 2232504, 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## AVENTURA ORGANICA

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aventuraorganica@gmail.com; www.aventuraorganica.net  
Tel: 9343197971, 9886495008

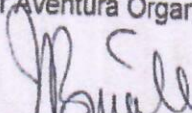
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### CERTIFICATE

This is to certify that Ms. SOUMYA. K.K Reg.No.  
P05AZ22S032098 has successfully completed the Industrial Project  
Work entitled "Synthesis of Some Organic Compounds" at  
AVENTURA ORGANICA, KSSIDC Industrial Estate, Hebbal, Mysore from  
4<sup>th</sup> September 2023 to 30<sup>th</sup> September 2023.

This report can be submitted to the Department of Studies in Chemistry,  
Mangalagangothri, Mangalore University for the fulfillment of dissertation  
work.

For Aventura Organica

  
Authorized Signatory 30/9/23

**AVENTURA ORGANICA**

No. R-116, KSSIDC Ind. Estate  
Hebbal, MYSORE-570 016  
(T): 0821-3264446





#23, 2<sup>nd</sup> Floor, 5<sup>th</sup> Cross, Chunchaghatta Main Road, Off Kanakapura Road Metro Station  
Bengaluru - 560062

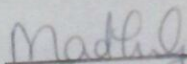
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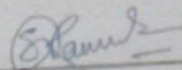
## CERTIFICATE

This is to certify that Mr./Ms. SUPRITHA D.  
of the ~~Under-Graduate~~ / Post-graduate Department of Chemistry / III SEM. of  
MANGALORE UNIVERSITY Has participated and successfully completed the  
Advanced training cum internship program on  
**"Essentials of Synthesis to Chemical Industry"**  
conducted by this centre between 01 SEPT - 30 SEPTEMBER 2023  
at M/S Onium Life Sciences / ~~SudhiShubha Chemosynthons Ltd.~~ / ~~Dr. Balavai Laboratories,~~  
Bengaluru.

### The major areas covered being :

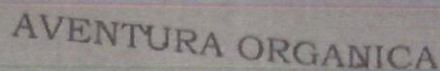
- Separation techniques
- Understanding safety in chemical lab
- Planning single step and multi step synthesis
- Execution of the synthesis
- Isolation and characterization principles
- Report writing

  
Dr. Madhu Ganesh  
Founder-Director

  
Mr. Shivsharan Revooore  
Operations Manager







No. R-116, KSSIDC Industrial Estate, Hebbal, Mysore-570016, India  
[aventuraorganica@gmail.com](mailto:aventuraorganica@gmail.com); [www.aventuraorganica.net](http://www.aventuraorganica.net)  
 Tel: 9343197971, 9886495008

# CERTIFICATE

This is to certify that **Ms. SURAKSHA** Reg.No. P05AZ22S032078 has successfully completed the Industrial Project Work entitled **"Synthesis of Some Organic Compounds"** at AVENTURA ORGANICA, KSSIDC Industrial Estate, Hebbal, Mysore from 4<sup>th</sup> September 2023 to 30<sup>th</sup> September 2023.

This report can be submitted to the Department of Studies in Chemistry, Mangalagangothri, Mangalore University for the fulfillment of dissertation work.

For Aventura Organica

Authorized Signatory

**AVENTURA ORGANICA**  
No. R-116, KSSIDC Indl. Estate  
Hebbal, MYSORE-570 016  
(T): 0821-3254446





# AVENTURA ORGANICA

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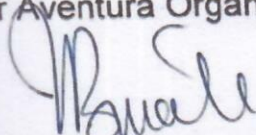
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aventuraorganica@gmail.com; www.aventuraorganica.net  
Tel: 9343197971, 9886495008

## CERTIFICATE

This is to certify that **Ms. SUSHMITHA. S** Reg.No. P05AZ22S032057 has successfully completed the Industrial Project Work entitled **"Synthesis of Some Organic Compounds"** at AVENTURA ORGANICA, KSSIDC Industrial Estate, Hebbal, Mysore from 4<sup>th</sup> September 2023 to 30<sup>th</sup> September 2023.

This report can be submitted to the Department of Studies in Chemistry, Mangalagangothri, Mangalore University for the fulfillment of dissertation work.

For Aventura Organica

  
Authorized Signatory

**AVENTURA ORGANICA**  
No. R-116, KSSIDC Indl. Estate  
Hebbal, MYSORE-570 016  
(T): 0821-3264446





Sanovi Pharmaceuticals Pvt. Ltd.,

*Happy Life Ever*

Date: 13/10/2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that, Ms. Swathi B, M.Sc. Chemistry student of Mangalore university-Mangalagangothri, has successfully completed her internship in our organization from 1<sup>st</sup> September 2023 to 13<sup>th</sup> October 2023.

During this period, we found her sincere and diligent. We wish her all very best in her future endeavours.

This certificate is issued for academic purposes.

She gone trained up in the **Synthesis of Organic Molecules and their Structural Elucidation.**

For M/s. Sanovi Pharmaceuticals Pvt Ltd

*M. V. V. Varas Prasad*

Dr. M V V Vara Prasad

*Dy. General Manager in R&D*

For M/s. Sanovi Pharmaceuticals Pvt Ltd

*Srinivas Rao Madasani*

Dr. Srinivasarao Madasani

*Director of Sanovi Pharmaceuticals Pvt Ltd*

**M/s. Sanovi Pharmaceuticals Pvt Ltd**

**R&D Lab Address:**

No. W.S. 86, 1st Phase,

5th Cross, Dr. Br. Ambedkar Estate,

Jigani Industrial Area, Anekal Taluk.



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## ACKNOWLEDGEMENT

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CIN: L85110KA1993PLC014937  
www.syngeneintl.com

Date: 16 October 2023

### INTERNSHIP COMPLETION CERTIFICATE

This is to certify that **Ms. VICTORIA PLOPIS (60000866)**, Pursuing MSc General Chemistry/Organic Chemistry with Department of Chemistry, Mangalore University has successfully completed her internship project titled

**DMAPO/Boc2O Mediated Acylation"**

In Syngene International Limited under the guidance of **Velu R**, from **04 September 2023 to 13 October 2023**.

We wish her the best for her future endeavours.

Yours faithfully,  
for Syngene International Limited,



**Balaji Parthasarathy**  
General Manager – Human Resources