



Parvatibai Chowgule College of Arts and Science  
Autonomous

Accredited by NAAC with Grade 'A' (CGPA Score 3.41 on a 4 Point Scale in 3rd cycle)  
Best affiliated College-Goa University Silver Jubilee Year Award

## **EVIDENCE**

**3.7.1.1- Total number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work**

**2016-2017**

## Evidence of project on “Peoples Biodiversity Register for the Village of Curtorim”.

2/13/2021

PBR .jpg



Post

**GOA STATE BIODIVERSITY BOARD**  
Department of Science, Technology & Environment  
Opp. Saligao Seminary, Saligao Bardez, Goa - 403511.  
Website: [www.gsbb.goa.gov.in](http://www.gsbb.goa.gov.in) E-mail:- [goanbiodiversity@gmail.com](mailto:goanbiodiversity@gmail.com)  
Phone No-(0832) 2407032 Fax No-(0832) 2407033

No. 7/17/2016-17/GSBB/ISS/006/405

Dated: 03<sup>rd</sup> November 2016  
29<sup>th</sup>

To,  
The Principal,  
Parvatibai Chowgule College of Arts and Science,  
Margao- Goa.

**Sub: Proceedings of the meeting of Member Secretary, GSBB with the expert members from Parvatibai Chowgule College of Arts and Science and Chairperson, Curtorim BMC**

Sir,

Kindly find enclosed herewith the Proceedings of the meeting of Member Secretary, GSBB with the expert members from Parvatibai Chowgule College of Arts and Science, Margao held on 16<sup>th</sup> November 2016.



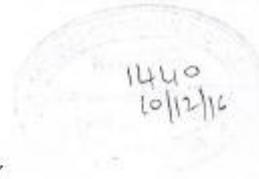
Yours faithfully,

Shri. Pradip Sarmokadam  
Member Secretary, GSBB

**Copy to:**

- 1) Dr. Sanjay Gaikwad, Professor, Parvatibai Chowgule College of Arts and Science, Margao. (Vika email)
- 2) Dr. Nandini Vaz, Asst. Professor, Parvatibai Chowgule College of Arts and Science, Margao. (Vika email)
- 3) Dr. Uma Masur, Asst. Professor, Parvatibai Chowgule College of Arts and Science, Margao. (Vika email)
- 4) Shri. Santano Rodrigues, Chairperson, Curtorim BMC, Curtorim (email sent to Shri. Santano Rodrigues, hard copy sent by post)

To,  
- NWS  
- Sanjay Gaikwad  
- Nandini Vaz  
- Uma Masur ✓  
R  
10/12





# Satyam Chemicals

PH.:(0832) 3225505  
2860750  
Fax :(0832) 2860750

Margao Industrial Estate, St. Jose de Areal, Salcete Goa 403 709  
E-mail : satyamchemicalsy2k@yahoo.co.in.

DATE: 11/07/2017

## CONFIRMATION/ CERTIFICATE OF INTERNSHIP

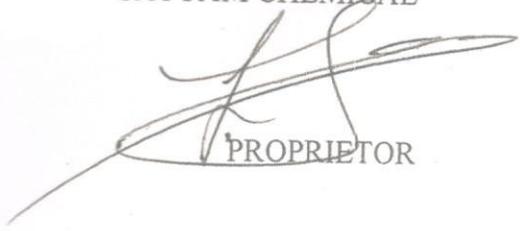
This is to certify that **Mr. Manjunath Y Mallikarjun** resident of Bogda, Vasco, Mormugao, Goa, student of Parvatibai Chowgule College of Arts and Science has successfully completed one month short internship of 120 hours (from 22<sup>nd</sup> May to 22<sup>nd</sup> June 2017) at our SSI/MSME manufacturing unit M/s Satyam Chemicals.

His internship activity included familiarization with all the departments such as Production, Billing, Dispatch plan, Cash Handling, Accounts, Personnel and HR, House Keeping, Petty Cash, Stock Maintenance etc., their operations, processes and their management overview, also understanding of the production process of the company.

During the period of his internship program with us he had been exposed to different processes and was found to be punctual and hardworking.

We wish him every success in his life and career.

SATYAM CHEMICAL



PROPRIETOR

# DR. RAIKER'S PATHOLOGY LABORATORY

Of 9-11, Anant Dhara, Isidor Baptista Road, Margao-Goa. Ph.: Lab : 2730801 / 02 Res. : 2738065

## CERTIFICATE

10-05-2017

This is to certify that Ms. Mevny Almeida has worked as an Intern in this laboratory  
from 20<sup>th</sup> April to 10<sup>th</sup> May 2017 for a total of 136 hrs

She has worked satisfactorily in Hematology, Clinical Pathology and Biochemistry  
sections during this period.

Dr. Mohan Pai Raiker  
M.D.

Reg. 0803 (GMC)

Dr. RAIKER'S PATHOLOGY LABORATORY,  
Of 8, 9, 11, Anantdhara Bldg., Isidore Baptista Road,  
Margao, Goa - 403 601.

  
Dr. Mohan Pai Raiker  
M.D.

TIN : 30661100534  
CST No. M/CST/1284  
CIN No. U24231GA1975PTC000251  
PAN : AAACD5966D



# DCI Pharmaceuticals Pvt. Ltd.

Dated: 23.05.2017.

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Pradnya Korgaokar** has undergone training in our organization with effect from 03<sup>rd</sup> May 2017 to 19<sup>th</sup> May 2017 For 120 Hours.

This certificate is issued to her to submit the same to Parvatibai Chowgule College of Arts and Science Autonomous.

For **DCI Pharmaceuticals Pvt. Ltd.**

A handwritten signature in blue ink, appearing to read 'S. A. Pai Vaidya'.

Mr. S. A. Pai Vaidya  
General Manager- Operations

Sailee Kolvenkar

SV150039

T.Y. B.Sc

## DR. RAIKER'S PATHOLOGY LABORATORY

Of 9-11, Anant Dhara, Isidor Baptista Road, Margao-Goa. Ph.: Lab : 2730801 / 02 Res. : 2738065

### CERTIFICATE

31-05-2017

This is to certify that Ms Sailee Kolvenkar has worked as an Intern in this laboratory  
from 10<sup>th</sup> May to 30<sup>th</sup> May 2017 for a total of 130 hrs

She has worked satisfactorily in Hematology, Clinical Pathology and Biochemistry  
sections during this period

DR. MOHAN PAI RAIKER  
DR. RAIKER'S PATHOLOGY LABORATORY  
OF 9, 11, ANANT DHARA, ISIDOR BAPTISTA ROAD, MARGAO-GOA.  
MAY 31, 2017

  
Dr. Mohan Pai Raiker  
M.D.

# VerGo Pharma Research Laboratories Pvt. Ltd.



15-December-2016

## TO WHOSOEVER IT MAY CONCERN

This is to certify that Mr. Vanford Fernandes student of IInd Year B.Sc, of Parvatibai Chowgule College of Arts and Science (Autonomous) has successfully completed 3 weeks training from 09-November-2016 to 30-November-2016 in VerGo Pharma Research Laboratories Pvt. Ltd.

During his internship tenure with VPRL he was found to be diligent, sincere and hardworking.

We wish him success in all his endeavors.

For VerGo Pharma Research Laboratories Pvt. Ltd

A handwritten signature in black ink, appearing to read "Cassandra Esteves".

Cassandra Esteves  
Executive - HR & ADMIN



15-December-2016

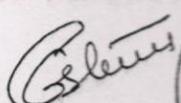
**TO WHOSOEVER IT MAY CONCERN**

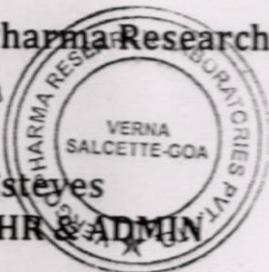
This is to certify that Ms. Shweta Dilip Redkar student of IInd Year B.Sc, of Parvatibai Chowgule College of Arts and Science (Autonomous) has successfully completed 3 weeks training from 09-November-2016 to 30-November-2016 in VerGo Pharma Research Laboratories Pvt. Ltd.

During her internship tenure with VPRL she was found to be diligent, sincere and hardworking.

We wish her success in all her endeavors.

**For VerGo Pharma Research Laboratories Pvt. Ltd**

  
**Cassandra Esteves**  
Executive - HR & ADMIN





# Satyam Chemicals

PH.:(0832) 32255

28607

Fax :(0832) 28607

Margao Industrial Estate, St. Jose de Areal, Salcete Goa 403 709

E-mail : satyamchemicalsy2k@yahoo.co.in.

26<sup>th</sup> November, 2016

This is to certify that **Miss. Neha Dnyaneshwar Kotharkar**, student of Parvatibai Chowgule College of Arts and Science, Margao, has successfully completed her internship in our Small Scale Industry, Satyam Chemicals from 2<sup>nd</sup> November to 26<sup>th</sup> November 2016.

This Certificate is to confirm that they have received basic understanding of Office and Administrative functions involved in a SSI Manufacturing Unit.

*Satyam Chemicals,*

Proprietor.



# Satyam Chemicals

PH.:(0832) 3225505 :  
2860750  
Fax :(0832) 2860750

Margao Industrial Estate, St. Jose de Areal, Salcete Goa 403 709  
E-mail : satyamchemicalsy2k@yahoo.co.in.

26<sup>th</sup> November, 2016

This is to certify that **Miss. Andria Prifa Fernandes**, student of Parvatibai Chowgule College of Arts and Science, Margao, has successfully completed her internship in our Small Scale Industry, Satyam Chemicals from 2<sup>nd</sup> November to 26<sup>th</sup> November 2016.

This Certificate is to confirm that they have received basic understanding of Office and Administrative functions involved in a SSI Manufacturing Unit.---

*Satyam Chemicals,*

Proprietor.



# Satyam Chemicals

PH.:(0832) 3225505-  
2860750  
Fax :(0832) 2860750

Margao Industrial Estate, St. Jose de Areal, Salcete Goa 403 709  
E-mail : satyamchemicalsy2k@yahoo.co.in.

DATE: 02/06/2017

## CONFIRMATION/ CERTIFICATE OF INTERNSHIP

This is to certify that Miss. Ashtreedha Cardozo resident of Modewado Paroda, Mulem, Salcete Goa, student of Parvatibai Chowgule College of Arts and Science has successfully completed one month short internship of 120 hours (from 2<sup>nd</sup> may to 2<sup>nd</sup> June 2017) at our SSI/MSME manufacturing unit M/s Satyam Chemicals.

Her internship activity included familiarization with all the departments such as Production, Billing, Dispatch plan, Cash Handling, Accounts, Personnel and HR, House Keeping, Petty Cash, Stock Maintenance etc., their operations, processes and their management overview, also understanding of the production process of the company.

She has done an activity of project management. During the period of her internship program with us she had been exposed to different processes and was found to be punctual and hardworking.

We wish her every success in her life and career.

SATYAM CHEMICAL

PROPRIETOR



# Satyam Chemicals

Margao Industrial Estate, St. Jose de Areal, Salcete Goa 403 709  
E-mail : satyamchemicalsy2k@yahoo.co.in.

PH.:(0832) 3225505  
2860750  
Fax :(0832) 2860750

18<sup>th</sup> February, 2018

## CERTIFICATE

This is to certify that Shri ELVIS FERNANDES has done INTERNSHIP in this Company successfully. He has completed 120 hours of training and understanding various aspects of business and related activities in our SMALL SCALE MANUFACTURING UNIT.

This certificate is issued for the benefit of the Intern concerned

**SATYAM CHEMICALS**



Proprietor,

**Manufacturers & Distributors of:**

Thinners, Turpentine, Furniture Polish, Melamine Lacquer, Wood Preservative, Varnish,  
Linseed Oil, Floor Cleaner, Plaster of Paris, Solvents & Allied Products.

TIN : 30921102913  
CST : M/5210  
CIN : U24232GA1987PTC007465



# Medizest Pharmaceuticals Pvt. Ltd.

(Formerly Known as Kare Labs Pvt. Ltd.)

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## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Pranjala Pai Bhatekar a student of Smt. Parvatibai Chowgule College of Arts and Science, has successfully undergone her training in our organization during period from 03.11.2016 to 19.11.2016 (120 hours)

During the training she was found to be Sincere & Honest in her approach.

We wish her every success in her future endeavor.

For **Medizest Pharmaceuticals Pvt Ltd**

A handwritten signature in black ink, appearing to read 'N. D. Galdenkar'.

**AUTHORISED SIGNATORY**

**Date: 22/11/2016**

TIN : 30661100534  
CST No. MCST/1284  
CIN No. U24231GA1975PTC000251  
PAN : AAACD5966D

Agrawal  
GROUP. GOA



# DCI Pharmaceuticals Pvt. Ltd.

Dated: 23.05.2017.

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Andrina Fernandes** has undergone training in our organization with effect from 03<sup>rd</sup> May 2017 to 19<sup>th</sup> May 2017 For 120 Hours.

This certificate is issued to her to submit the same to Parvatibai Chowgule College of Arts and Science Autonomous.

For **DCI Pharmaceuticals Pvt. Ltd.**

Mr. S. A. Pat Vaidya  
General Manager- Operations



# TULIP DIAGNOSTICS (P) LTD.

November 19, 2016

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Deeksha Salgonkar, Second year student of Bachelor of Science in Chemistry of "PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)" has successfully completed her internship from November 03, 2016 to November 19, 2016 in the QC & Production Department.

We wish her success in her future endeavours.

FOR TULIP DIAGNOSTICS (P) LTD

*Sharmila Nadkarni*

SHARMILA NADKARNI  
MANAGER-HR



15-December-2016

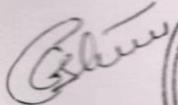
**TO WHOSOEVER IT MAY CONCERN**

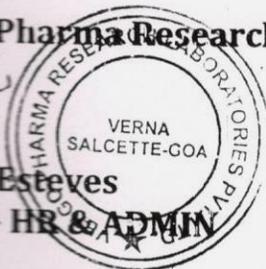
This is to certify that Ms. Sonia Fernandes student of IInd Year B.Sc, of Parvatibai Chowgule College of Arts and Science (Autonomous) has successfully completed 3 weeks training from 09-November-2016 to 30-November-2016 in VerGo Pharma Research Laboratories Pvt. Ltd.

During her internship tenure with VPRL she was found to be diligent, sincere and hardworking.

We wish her success in all her endeavors.

**For VerGo Pharma Research Laboratories Pvt. Ltd**

  
**Cassandra Esteves**  
Executive - HR & ADMIN



15-December-2016

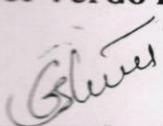
**TO WHOSOEVER IT MAY CONCERN**

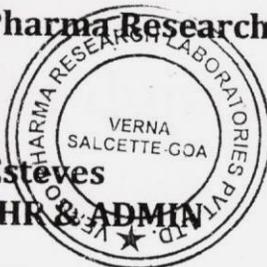
This is to certify that Ms. Aisha Shaikh student of IInd Year B.Sc, of Parvatibai Chowgule College of Arts and Science (Autonomous) has successfully completed 3 weeks training from 09-November-2016 to 30-November-2016 in VerGo Pharma Research Laboratories Pvt. Ltd.

During her internship tenure with VPRL she was found to be diligent, sincere and hardworking.

We wish her success in all her endeavors.

**For VerGo Pharma Research Laboratories Pvt. Ltd**

  
**Cassandra Esteves**  
Executive - HR & ADMIN



27 24/06/17



# Satyam Chemicals

PH.:(0832) 3225505  
2860750  
Fax : (0832) 2860750

Margao Industrial Estate, St. Jose de Areal, Salcete Goa 403 709  
E-mail : satyamchemicalsy2k@yahoo.co.in.

DATE: 02/06/2017

## CONFIRMATION/ CERTIFICATE OF INTERNSHIP

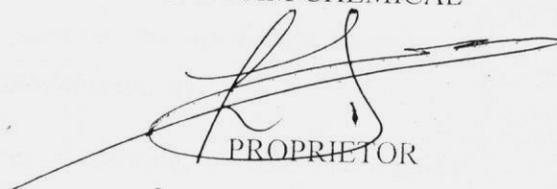
This is to certify that Miss. Smitha P.k resident of Menezes Bhatt Sao Jose De Areal, Salcete Goa, student of Parvatibai Chowgule College of Arts and Science has successfully completed one month short internship of 120 hours (from 2<sup>nd</sup> may to 2<sup>nd</sup> June 2017) at our SSI/MSME manufacturing unit M/s Satyam Chemicals.

Her internship activity included familiarization with all the departments such as Production, Billing, Dispatch plan, Cash Handling, Accounts, Personnel and HR, House Keeping, Petty Cash, Stock Maintenance etc., their operations, processes and their management overview, also understanding of the production process of the company.

She has done an activity of project management. During the period of her internship program with us she had been exposed to different processes and was found to be punctual and hardworking.

We wish her every success in her life and career.

SATYAM CHEMICAL

  
PROPRIETOR



# Satyam Chemicals

Margao Industrial Estate, St. Jose de Areal, Salcete Goa 403 709  
E-mail : satyamchemicalsy2k@yahoo.co.in.

PH: (0832) 3225505  
2860750  
Fax: (0832) 2860750

DATE: 02/06/2017

## CONFIRMATION/ CERTIFICATE OF INTERNSHIP

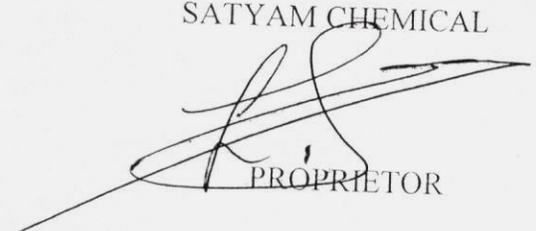
This is to certify that Miss. Priti Naik resident of Menezes Bhatt Sao Jose De Areal, Salcete Goa, student of Parvatibai Chowgule College of Arts and Science has successfully completed one month short internship of 120 hours (from 2<sup>nd</sup> may to 2<sup>nd</sup> June 2017) at our SSI/MSME manufacturing unit M/s Satyam Chemicals.

Her internship activity included familiarization with all the departments such as Production, Billing, Dispatch plan, Cash Handling, Accounts, Personnel and HR, House Keeping, Petty Cash, Stock Maintenance etc., their operations, processes and their management overview, also understanding of the production process of the company.

She has done an activity of project management. During the period of her internship program with us she had been exposed to different processes and was found to be punctual and hardworking.

We wish her every success in her life and career.

SATYAM CHEMICAL



PROPRIETOR



**MOTHER CARE**  
**MULTI-SPECIALITY HOSPITAL**

Near St. Joaquim Chappel, Borda, Margao - Goa 403 601  
Tel.: 91 832 2700103 / 2700104

E-mail : chikitsamothercare@gmail.com, Web : www.chikitsamedicalservices.com

12/06/2017

**Certificate of Internship**

This is to certify that **Mr.Vinod Dhondiram Sable** age 20 years , studying at Smt.Parvatibai Chowgule College, Margao-Goa has completed his Internship from MotherCare Multi-Specialty Hospital from 24/04/17 to 24/05/17

He is sincere in his work and is cooperative with the staff . He worked in the **Administrative Department** and the **Pathology Laboratory** of the hospital.

Sincerely,

*Sagar Utagi*  
Sagar Utagi

Director



15-December-2016

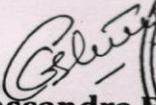
**TO WHOSOEVER IT MAY CONCERN**

This is to certify that Ms. Shreya Raikar student of IInd Year B.Sc, of Parvatibai Chowgule College of Arts and Science (Autonomous), has successfully completed 3 weeks training from 09-November-2016 to 30-November-2016 in VerGo Pharma Research Laboratories Pvt. Ltd.

During her internship tenure with VPRL she was found to be diligent, sincere and hardworking.

We wish her success in all her endeavors.

**For VerGo Pharma Research Laboratories Pvt. Ltd**

  
**Cassandra Esteves**  
Executive - HR & ADMIN



Dr. Madkaikar's  
**CITY HOSPITAL**

LETTER OF COMMENDATION

Ref: 02

Date:31-05-2017

This is to certify that Ms. YOGITA POLE Student of Parvatibai Chowgule College of Arts & Science, Autonomous. Margao - Goa, has successfully completed an Internship Training Programme at this M/s Dr. Madkaikar's City Hospital from 01<sup>st</sup> May 2017 to 31<sup>st</sup> May 2017 (120 hrs).

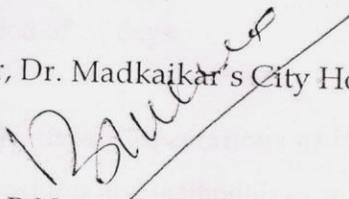
The intern carried out :

1. Laboratory Investigative Procedures.
2. Reception and Billing.
3. Patient Interaction.
4. Hospital OPD Desk.
5. Data Entry.

During this programme, she has worked as a member of our team. She has fulfilled our expectations.

We wish her every success.

For, Dr. Madkaikar's City Hospital

  
Dr. R.N. Madkaikar

Medical Director





# Watson

Watson Pharma Private Limited

Plot No. A3 to A6, Phase I-A,  
Verna Industrial Estate, Verna,  
Salcette, Goa-403 722,  
INDIA.

Tel. : +91 (0) 832 6690555/666/777  
Fax : +91 (0) 832 2887133

CIN: U24230MH2005

Date:-09-05-2017

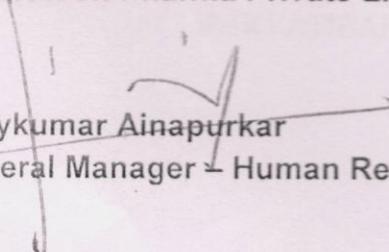
## TO WHOMSOEVER IT MAY CONCERN

This is to certify that, **Ms. Shivali Gaonkar** from "**Parvatibai Chowgule College of Arts and Science Autonomous**" has successfully undergone 120 Hours in-plant training at our factory premises and has completed the "**Summer Internship**" Successfully.

During her stint with us she was found to be sincere, eager to learn and committed.

We wish her good luck for her academics.

For Watson Pharma Private Limited.

  
**Vijaykumar Ainapurkar**  
General Manager - Human Resource



# WALLACE PHARMACEUTICALS PVT. LTD.

Certified under : ISO 9001 Quality Management System, ISO 14001 Environmental Management System  
& NSIC-CRISIL-SE 1A Highest Performance Capability & High Financial Strength

Date: 18/05/2017

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Richa Raikar** student of Parvatibai Chowgule College of Arts & Science - Margao Goa was on Internship From 01/05/2017 to 18/05/2017 for 120 hours in our organization.

We wish her all the very best & success in her future endeavours.

For **WALLACE PHARMACEUTICALS PVT. LTD.,**

**NARENDRA KUMBHAR**  
**ADMINISTRATIVE HEAD**

# DR. RAIKER'S PATHOLOGY LABORATORY

Of 9-11, Anant Dhara, Isidor Baptista Road, Margao-Goa. Ph.: Lab : 2730801 / 02 Res. : 2738065

## CERTIFICATE

31-05-2017

This is to certify that Ms Alethea Fernandes has worked as an Intern in this laboratory from 10<sup>th</sup> May to 30<sup>th</sup> May 2017 for a total of 130 hrs

She has worked satisfactorily in Hematology, Clinical Pathology and Biochemistry sections during this period

Dr. Mohan Pai Raiker  
M.D.

Reg. 0803 (GMC)

Dr. RAIKER'S PATHOLOGY LABORATORY,  
Of 9, 9, 11, Anantdhara Bldg., Isidoro Baptista Road,  
Margao, Goa - 403 601

  
Dr. Mohan Pai

DR. AMAN B. PRABHU GAONKAR  
MBBS. MD (MED)  
CONSULTING PHYSICIAN  
GMC No : 1132  
Chaudi, Canacona - Goa.

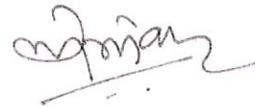
Date :-25/11/2016

### CERTIFICATE

This is to certify that Miss Siya Kamat has completed 120 Hours of observership in my clinic and clinical Laboratory, as on 25.11.2016.

She has shown keen interest in all the working of Lab and Clinic.

She is very punctual and mild in nature .



DR. AMAN B. PRABHU GAONKAR  
MBBS. MD (MED)  
CONSULTING PHYSICIAN  
GMC No : 1132  
Chaudi, Canacona - Goa.

Dr. N. V. Markande

M.B.B.S., M.D. DPB.

Consultant Pathologist & Bacteriologist

Retd. : Sr. Pathologist Asilo Hospital / DHS

GMC Reg. No.: 0423



TECHNO - CLIN

Pathological & Research Laboratory

(CMC Vellore accreditation)

Authorised Collection Centre Dr. Lal Pathlabs, Metropolis, Thyrocare, geneOmbio & SRL Religare

Ref: TC/Cer/2017/01

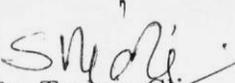
**CERTIFICATE**

This is to certify that Miss Sati Chauhan, aged 20 student of S.Y.B.Sc. (Chem), Parvatibai Chowgule College of Arts & Science Autonomous, has undergone training/internship in this Laboratory from 02/05/2017 to 31/05/2017 and completed 120 hours as prescribed].

She has attended almost all the technical and related working of Laboratory with emphasis to Bio-Chemistry. She has independently carried out Biochemical investigations on colorimeter; semi automated and automated chemistry analysers.

To the best of my knowledge during her Training Period she displayed excellent character and shown keen interest and devotion in learning.

This certificate is issued to her on her request to be furnished to the College Authority in response to the letter bearing No.F.8/163 dated 29<sup>th</sup> April 2017.

  
For Techno-Clin  
CEO/MICROBIOLOGIST

  
PATHOLOGIST

On this day 1st June 2017  
At Vasco Da Gama, Goa.

*Dr. Madkaikar's*  
**CITY HOSPITAL**

LETTER OF COMMENDATION

Ref: 01

Date:31-05-2017

This is to certify that Ms. NATASHA CHODANKAR Student of Parvatibai Chowgule College of Arts & Science, Autonomous. Margao - Goa, has successfully completed an Internship Training Programme at this M/s Dr. Madkaikar's City Hospital from 01<sup>st</sup> May 2017 to 31<sup>st</sup> May 2017 (120 hrs).

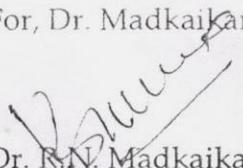
The intern carried out :

1. Laboratory Investigative Procedures.
2. Reception and Billing.
3. Patient Interaction.
4. Hospital OPD Desk.
5. Data Entry.

During this programme, she has worked as a member of our team. She has fulfilled our expectations.

We wish her every success.

For, Dr. Madkaikar's City Hospital

  
Dr. R.N. Madkaikar.

Medical Director





42  
29/6/17  
TULIP DIAGNOSTICS (P) LTD.

November 19, 2016

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Varsha Ravi Phal, Second year student of Bachelor of Science in Chemistry of "PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)" has successfully completed her internship from November 03, 2016 to November 19, 2016 in the QC & Production Department.

We wish her success in her future endeavours.

FOR TULIP DIAGNOSTICS (P) LTD

*Sharmila Nadkarni*

SHARMILA NADKARNI  
MANAGER-HR





**DR. AMAN B. PRABHU GAONKAR**

Reg. No. 65893 (MMC); 1132 (GMC)

MD (Medicine)

**SACHIT CHIKITSALAY**

Behind Bagayátdar Bazar,  
181/A, Chaudi, Canacona, Goa 403 702

**CONSULTING PHYSICIAN, DIABETOLOGIST  
& CARDIOLOGIST (NON INTERVENTIONAL)**

☎ : (C) 0832-2644229, (R) 0832-2643904 (M) 09422057980

Date :-31/05/2017

**CERTIFICATE**

This is to certify that Miss Vaishnavi V. Prabhudesai has completed 120 Hours of observership in my clinic and clinical Laboratory as on 31.05.2017.

She has shown keen interest in all the working of Lab and Clinic.

She is very punctual and mild in nature .



**DR. AMAN B. PRABHU GAONKAR**  
MBBS. MD (MED)  
**CONSULTING PHYSICIAN**  
GMC No : 1132  
Chaudi, Canacona - Goa.



**WALLACE PHARMACEUTICALS PVT. LTD.**

Certified under : ISO 9001 Quality Management System, ISO 14001 Environmental Management System  
& NSIC-CRISIL-SE 1A Highest Performance Capability & High Financial Strength

Date: 18/05/2017

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms Alisha Mhavalankar** student of Parvatibai Chowgule College of Arts & Science- Margao Goa was on Internship From 01/05/2017 to 18/05/2017 for 120 Hours in our organization.

We wish her all the very best & success in her future endeavours.

For **WALLACE PHARMACEUTICALS PVT. LTD.,**

**NARENDRA KUMBHAR**  
**ADMINISTRATIVE HEAD**



**WALLACE PHARMACEUTICALS PVT. LTD.**

Certified under : ISO 9001 Quality Management System, ISO 14001 Environmental Management System  
& NSIC-CRISIL-SE 1A Highest Performance Capability & High Financial Strength

Date: 18/05/2017

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms. Saily Shetkar** student of Parvatibai Chowgule College of Arts & Science - Margao Goa was on Internship From 01/05/2017 to 18/05/2017 for 120 hours in our organization.

We wish her all the very best & success in her future endeavours.

For **WALLACE PHARMACEUTICALS PVT. LTD.,**

**NARENDRA KUMBHAR**  
**ADMINISTRATIVE HEAD**



**SANOFI**

29<sup>th</sup> November 2016

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Ms. Tejal Bandodkar has completed her internship in the Quality Control Department at Sanofi India Ltd. from 11.11.2016 to 29.11.2016, as a part of her college course curriculum.

We wish her all the very best in all her future endeavors.

*for Sanofi India Limited*

**Arun Pednekar**

**Manager - HR & Administration**



# TECHNO - CLIN

Pathological & Research Laboratory  
(CMC Vellore accreditation)

Authorised Collection Centre Dr. Lal Pathlabs, Metropolis, Thyrocare, geneOmbio & SRL Religare

**Dr. N. V. Markande**

M.B.B.S., M.D. DPB.

Consultant Pathologist & Bacteriologist  
Retd.: Sr. Pathologist Asilo Hospital / DHS  
GMC Reg. No.: 0423

Ref: TC/Cer/2016/02

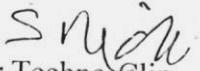
## CERTIFICATE

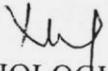
This is to certify that Miss Savitha Telgi, aged 19 student of S.Y. B. Sc. ,Parvatibai Chowgule College of Arts & Science Autonomous, has undergone training in this Laboratory from 1/11/2016 to 26/11/2016 and completed 120 hours [prescribed] hours.

She has attended almost all the technical and related working of Laboratory with emphasis to Bio-Chemistry as Trainee. She has independently carried out Biochemical investigations on colorimeter; semi automated and automated chemistry analysers. She has also learnt the Chemical and Reagents used to carry out chemical investigations.

To the best of my knowledge during her Training Period she displayed excellent character and shown keen interest and devotion in learning.

This certificate is issued to her on her request to be furnished to her College Authority.

  
For Techno-Clin  
CEO/MICROBIOLOGIST

  
PATHOLOGIST

On this day 28<sup>th</sup> November 2016  
At Vasco Da Gama, Goa.



TIN : 30921102913  
CST : M/5210  
CIN : U24232GA1987PTC007465



# Medizest Pharmaceuticals Pvt. Ltd.

(Formerly Known as Kare Labs Pvt. Ltd.)

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## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Laxmi Shetye a student of Smt. Parvatibai Chowgule College of Arts and Science, has successfully undergone her training in our organization during period from 03.11.2016 to 19.11.2016 (120 hours)

During the training she was found to be Sincere & Honest in her approach.

We wish her every success in her future endeavor.

For **Medizest Pharmaceuticals Pvt Ltd**

A handwritten signature in black ink, appearing to read 'U. D. A. A. A. A.' with a flourish at the end.

**AUTHORISED SIGNATORY**

**Date: 22/11/2016**

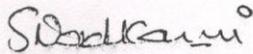
November 19, 2016

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Reshma Targal, Second year student of Bachelor of Science in Chemistry of "PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)" has successfully completed her internship training from November 03, 2016 to November 19, 2016 in the QC & Production Department.

We wish her success in her future endeavours.

FOR TULIP DIAGNOSTICS (P) LTD



SHARMILA NADKARNI  
MANAGER-HR



N : 30921102913  
ST : M/5210  
N : U24232GA1987PTC007465



# Medizest Pharmaceuticals Pvt. Ltd.

(Formerly Known as Kare Labs Pvt. Ltd.)

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## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Mahima Aital a student of Smt. Parvatibai Chowgule College of Arts and Science, has successfully undergone her training in our organization during period from 03.11.2016 to 19.11.2016 (120 hours)

During the training she was found to be Sincere & Honest in her approach.

We wish her every success in her future endeavor.

For Medizest Pharmaceuticals Pvt Ltd

A handwritten signature in black ink, appearing to read 'U. D. Guldekar'.

AUTHORISED SIGNATORY

Date: 22/11/2016

# Zydus

dedicated  
to *life*

# Cadila

Healthcare Limited

Regd. Office :  
'Zydus Tower',  
Satellite Cross Roads,  
Ahmedabad 380 015, India.  
Phone: +91-79-2686 8100 (20 Lines)  
Fax : +91-79-26862365/66  
CIN L24230GJ1995PLC025878

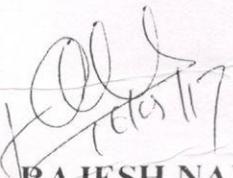
May 16, 2017

## CERTIFICATE

This is to certify that Ms. Ashmika Tari student from Parvatibai Chowugule College of Arts and Science Autonomous, Margao - Goa has undergone In-plant training in the Quality Control Dept. of our organisation w.e.f. 27<sup>th</sup> April 2017 to 16<sup>th</sup> May 2017, and have completed 120 hrs as a part of the curriculum.

This certificate is issued to enable her to submit the same to their college.

**FOR CADILA HEALTHCARE LIMITED**

  
**RAJESH NANDEDKAR**  
**Dy. GENERAL MANAGER HR & ADMIN**  
**GOA WORKS**

# Ashapura Medical store

Name: M.L.Nayak

Mob: 9762606455

Date: 07/06/2017

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Naveenkumar padasalgi, student of Parvatibai chowgule college, Gogol-Goa, has successfully completed his 120 hours of internship at Ashapura Medical store, from 15<sup>th</sup> May 2017 to 30<sup>th</sup> May 2017.

During the internship, he was found to be sincere, hardworking and dedicated.

We wish him all the best for his future endeavours.

**Ashapura medical store**

  
M.L. Nayak

For ASHAPURA MEDICAL STORES  
Owner

Proprietor  
Shop No. G-4

Antonio Residency

Sancoale-Goa 403726

E mail: ashapuramedicals@gmail.com

TIN : 30921102913  
CST : M/5210  
CIN : U24232GA1987PTC007465



# Medizest Pharmaceuticals Pvt. Ltd.

(Formerly Known as Kare Labs Pvt. Ltd.)

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Suchitra Chari a student of Smt. Parvatibai Chowgule College of Arts and Science, has successfully undergone her training in our organization during period from 03.11.2016 to 19.11.2016 (120 hours)

During the training she was found to be Sincere & Honest in her approach.

We wish her every success in her future endeavor.

For **Medizest Pharmaceuticals Pvt Ltd**

A handwritten signature in black ink, appearing to read 'U. D. A. D. D. D.'.

**AUTHORISED SIGNATORY**

**Date: 22/11/2016**

# SHREE DAMODAR MEDICAL STORES

**CHEMIST & DRUGGIST**

T: +91- 9730363535 L: 0832-2771333 E: shreedamodar.ms@gmail.com

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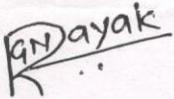
06/12/2017

## CERTIFICATE

This is to certify that Ms. Desiree Fernandes student from Pravatibai Chowgule College of Arts and Science Autonomous has undergone In-plant training in our organization w.e.f 23<sup>rd</sup> November 2017 to 01<sup>st</sup> December 2017, as a part of their curriculum.

This certificate is issued to enable her to submit the same to their college.

For **SHREE DAMODAR MEDICAL STORES**



Richa G. Nayak  
Proprietor



# Watson

Watson Pharma Private Limited

Plot No. A3 to A6, Phase I-A,  
Verna Industrial Estate, Verna,  
Salcette, Goa-403 722,  
INDIA.

Tel. : +91 (0) 832 6690555/666/777

Fax : +91 (0) 832 2887133

**CIN: U24230MH2005**

Date:-09-05-2017

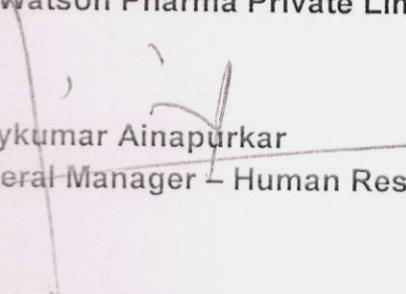
## TO WHOMSOEVER IT MAY CONCERN

This is to certify that, **Ms. Sanashri Shirodkar** from "**Parvatibai Chowgule College of Arts and Science Autonomous**" has successfully undergone 120 Hours in-plant training at our factory premises and has completed the "**Summer Internship**" Successfully.

During her stint with us she was found to be sincere, eager to learn and committed.

We wish her good luck for her academics.

For Watson Pharma Private Limited.

  
Vijaykumar Ainapurkar  
General Manager – Human Resource



# Satyam Chemicals

PH.:(0832) 3225505

2860750

Fax :(0832) 2860750

Margao Industrial Estate, St. Jose de Areal, Salcete Goa 403 709

E-mail : satyamchemicalsy2k@yahoo.co.in.

DATE: 11/07/2017

## CONFIRMATION/ CERTIFICATE OF INTERNSHIP

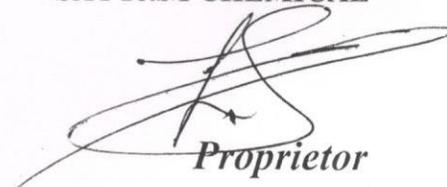
This is to certify that **Mr. Kigan Pereira** resident of Anuz, Nuvem, Salcete, Goa, student of Parvatibai Chowgule College of Arts and Science has successfully completed one month short internship of 120 hours (from 22<sup>nd</sup> may to 22<sup>nd</sup> June 2017) at our SSI/MSME manufacturing unit M/s Satyam Chemicals.

His internship activity included familiarization with all the departments such as Production, Billing, Dispatch plan, Cash Handling, Accounts, Personnel and HR, House Keeping, Petty Cash, Stock Maintenance etc., their operations, processes and their management overview, also understanding of the production process of the company.

During the period of his internship program with us he had been exposed to different processes and was found to be punctual and hardworking.

We wish him every success in his life and career.

SATYAM CHEMICAL



Proprietor

# NILMAC PACKAGING INDUSTRIES LIMITED

PLOT NO. 13 & 14, MARGAO INDUSTRIAL ESTATE,  
SAO JOSE DE AREAL, SALCET GOA 403 709  
Tel. No. (0832) 2861014

---

Date :-12.06.2017

To,  
The Vice Principal  
Parvatibai Chowgule College Of Arts and Science  
P.O.Fatorda, Gogol- Margao,  
Goa – 403602.

**Sub:- Ref. your letter no. F.8./250**

Dear Sir,

As per your letter no. F.8./250 dt. 12.05.2017 regarding internship for 120 hrs.

We inform you Miss. Yogita Sawant Roll No. SU160034 – Second year chemistry student completed their internship 120 hrs successfully .

Thanking You,  
Yours Faithfully,



Manager  
Sachin Sawant  
9765607577



# NILMAC PACKAGING INDUSTRIES LIMITED

PLOT NO. 13 & 14, MARGAO INDUSTRIAL ESTATE,  
SAO JOSE DE AREA, SALCET GOA 403 709  
Tel. No. (0832) 2861014

Date :-12.06.2017

To,  
The Vice Principal  
Parvatibai Chowgule College Of Arts and Science  
P.O. Fatorda, Gogol- Margao,  
Goa – 403602.

**Sub:- Ref. your letter no. F.8/250**

Dear Sir,

As per your letter no. F.8./250 dt. 12.05.2017 regarding internship for 120 hrs.

We inform you Miss. Akanksha Tirodkar Roll No. SU160038 – Second year chemistry student completed their internship 120 hrs successfully .

Thanking You,  
Yours Faithfully,



Manager  
Sachin Sawant  
9765607577



# NILMAC PACKAGING INDUSTRIES LIMITED

PLOT NO. 13 & 14, MARGAO INDUSTRIAL ESTATE,  
SAO JOSE DE AREAL, SALCET GOA 403 709  
Tel. No. (0832) 2861014

---

Date :-12.06.2017

To,  
The Vice Principal  
Parvatibai Chowgule College Of Arts and Science  
P.O.Fatorda, Gogol- Margao,  
Goa – 403602.

**Sub:- Ref. your letter no. F.8./250**

Dear Sir,

As per your letter no. F.8./250 dt. 12.05.2017 regarding internship for 120 hrs.

We inform you Miss. Pratiksha Shetkar Roll No. SU160046 – Second year chemistry student completed their internship 120 hrs successfully .

Thanking You,  
Yours Faithfully,



Manager  
Sachin Sawant  
9765607577



# NILMAC PACKAGING INDUSTRIES LIMITED

PLOT NO. 13 & 14, MARGAO INDUSTRIAL ESTATE,  
SAO JOSE DE AREAL, SALCET GOA 403 709  
Tel. No. (0832) 2861014

---

Date :-12.06.2017

To,  
The Vice Principal  
Parvatibai Chowgule College Of Arts and Science  
P.O.Fatorda, Gogol- Margao,  
Goa – 403602.

**Sub:- Ref. your letter no. F.8./250**

Dear Sir,

As per your letter no. F.8./250 dt. 12.05.2017 regarding internship for 120 hrs.

We inform you Mr. Rutvik Pujari Roll No. SU160235 – Second year chemistry student completed their internship 120 hrs successfully .

Thanking You,

Yours Faithfully,



Manager  
Sachin Sawant  
9765607577



# NILMAC PACKAGING INDUSTRIES LIMITED

PLOT NO. 13 & 14, MARGAO INDUSTRIAL ESTATE,  
SAO JOSE DE AREAL, SALCET GOA 403 709  
Tel. No. (0832) 2861014

Date :-12.06.2017

To,  
The Vice Principal  
Parvatibai Chowgule College Of Arts and Science  
P.O.Fatorda, Gogol- Margao,  
Goa – 403602.

Sub:- Ref. your letter no. F.8./250

Dear Sir,

As per your letter no. F.8./250 dt. 12.05.2017 regarding internship for 120 hrs.

We inform you Miss. Darshana Paranjape Roll No. SU160248 – Second year chemistry student completed their internship 120 hrs successfully .

Thanking You,  
Yours Faithfully,



Manager  
Sachin Sawant  
9765607577





# INTERNSHIP REPORT

## INTERNSHIP PROGRAM AT: WALLACE PHARMACEUTICALS PVT. LTD.

PRATIKA MARATHE

T.Y.BSc. (SINGLE MAJOR)

SU160313

## INTRODUCTION

The internship was carried out for 15 days (120 hours) in Wallace pharmaceutical private limited which is one of the well known pharmaceutical company in Goa. It is situated in various places such as Betoda, Himachal Pradesh and Dharwad. This company is engaged in testing quality of the product and developing it with different tests and instruments.

## OBJECTIVE AND EXPECTATIONS OF THE INTERNSHIP

To learn various tests performed to check the quality of the product. The basic goal of this process is to ensure that the products that are provided meet specific requirements and characteristics. It serves one of the most important functions in the pharmaceutical production and control. And also developing it with different tests and instruments.

## BRIEF OVERVIEW OF ACTUAL WORK DONE DURING THE 1 MONTH

In the 15 days internship, 8 days I saw how quality control laboratory actually works and for rest 7 days I saw the working of ADL (Analytical Development Laboratory). . Quality control is the process that is used to ensure a certain level of quality in a product. It might include whatever actions the chemist deems necessary to provide for the control and verification of certain characteristics of the product. ADL has the capabilities of analytical method development and their validation and also the preparation of complete specification for raw materials (bulk drugs), finished products, intermediates, excipients, not mentioned in any pharmacopoeia. It also studies the effect of solvent, alkalines, acids, excipients or the stability of bulk drugs and formulations.

In QC laboratory, We learnt about the storage and the packaging methods. There are three types of packaging that is primary, secondary and tertiary. Primary packaging is the main packing which holds the product at the time of processing or wrapping. On the other hand secondary packaging merges with the primary packing into one final box while tertiary packing combines all of the primary plus secondary packing on to one pallet. It has been also taken care that the products are not damaged. We also referred to some of their books related to packaging, testing and handling which has different objectives and scopes.

We also learnt about the function of the chambers and its importance in the quality control department. Stability chambers are specifically designed for steady state, accelerated aging, shelf life testing, expiration date testing and more. Stability chambers provide a stable, temperature, humidity conditioned environment for worry-free operation with a control system that is easy to use and saves time.

In Quality Control there are separate areas where in conc. acids such as concentrated sulphuric acid, concentrated HCl are kept in specific fume hood. These is muffle furnace which is used at temperature between 400 degree C to 800 degree C. For other temperature requirements there are ovens and also there is vaccum ovens to control pressure during heating. LOD's are kept in vacuum oven. We saw different techniques and instruments used by the chemist for the analysis of different products. The various instruments are HPLC, pH meter, Bulk density apparatus and gas chromatography. The chemist also performed different processes such as filtration and vaccum degassing.

In ADL, We have observed the measurement of tablets such as diameter, thickness, length and breadth. We also saw different instruments such as Karl compact titrator, dissolution test apparatus, ultrasonic cleaning bath, centrifuge apparatus, friability test apparatus, UV visible spectrophotometer.

## OBSERVATIONS, CHALLENGES AND SUGGESTIONS

Observed chemist performing analysis such as weighing, dilutions, filtrations and also observed how the analysis is done according to the procedure provided. To handle lasted lab instruments successfully to carry out different test without any problem.

## CONCLUSION

It was a great experience in this 15 days of my internship in the Wallace pharmaceutical company. It gave me lot of knowledge about the working of the chemist carrying out different analysis in the company. Because of this internship I have learned different techniques and the equipment used by the chemists. I also read different pharmacopeia such as IP, BP and USP and books on pharmaceutical analysis which gave me lot of knowledge regarding analysis.



**WALLACE PHARMACEUTICALS PVT. LTD.**

Certified under : ISO 9001 Quality Management System, ISO 14001 Environmental Management System  
& NSIC-CRISIL-SE 1A Highest Performance Capability & High Financial Strength

Date: 18/05/2017

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms. Pratika Marathe** student of Parvatibai Chowgule College of Arts & Science - Margao Goa was on Internship From 01/05/2017 to 18/05/2017 for 120 hours in our organization.

We wish her all the very best & success in her future endeavours.

For **WALLACE PHARMACEUTICALS PVT. LTD.,**

**NARENDRA KUMBHAR**  
**ADMINISTRATIVE HEAD**

---

**Factory :** Nirancal Road, Curti, Ponda - 403409 GOA, (INDIA), Ph : (91) (0832) 2331300 Fax: (91) (0832) 2332052  
E-mail : wallaceponda@wallacepharma.net Website : www.wallacepharma.com  
**Regd. Off. :** 3rd Floor, Dempo Trade Centre Bldg., Patto Plaza, EDC Complex, Panjim-403 001 GOA (INDIA),  
Ph : (91) (832) 2490200/3042356/57 Fax: 91-832-2438151, E-Mail: wallacehogo@wallacepharma.net Website: www.wallacepharma.com  
**Mkg. Off. :** B / 307 - 312, Floral Deck Plaza, Off. Central M.I.D.C. Road, Andheri East, MUMBAI - 400 093, (INDIA),  
Ph : 2926110 Fax: (022) 26390733, E-mail : wplfdp01@bom5.vsnl.net.in Website : www.wallacepharma.com



# INTERNSHIP REPORT

## INTERNSHIP PROGRAM AT: HINDUSTAN COCA COLA BEVERAGES PVT. LTD.

PREET PATIL

T.Y.BSc.

CHEMISTRY DEPARTMENT

SU160352

## INTRODUCTION

The internship was carried out in Hindustan Coca Cola Pvt. Ltd. Which is one of the well known beverage company in Goa. This company is situated in Verna.. This company is engaged in production of beverages

## OBJECTIVE AND EXPECTATIONS OF THE INTERNSHIP

To learn various tests performed to check the quality of the product. The basic goal of this process is to ensure that the products that are provided meet specific requirements and characteristics. It serves one of the most important functions in the beverage production and control. And also developing it with different tests and instruments.

## BRIEF OVERVIEW OF ACTUAL WORK DONE DURING THE 1MONTH

In the internship, I saw how quality control laboratory actually works.. Quality control is the process that is use to ensure a certain level of quality in a product. It might include whatever actions the chemist deems necessary to provide for the control and verification of certain characteristics of the product.

In QC laboratory, We learnt about the storage and the packaging methods. We learnt the the method pf sampling from the bulk raw material. The samples were gone under different test before they were used for the production.The Carbon dioxide used in the company was of very high purity.

In Quality Control there are separate areas where in conc. acids such as concentrated sulphuric acid, concentrated HCl are kept in separte ares. The water used in the company for production is went through different processes to a pure quality of the waterWe saw different techniques and instruments used by the chemist for the analysis of different products. The various instruments are

HPLC, pH meter, Spectrophotometer. The chemist also performed different processes such as filtration and titrations.

The products just after production under go a series of test, from the packing to the nutritional fact present in it. In the last few days we had done the data entry work. We learnt the way the data is recorded in the company.

### OBSERVATIONS, CHALLENGES AND SUGGESTIONS

Observed chemist performing analysis such as weighing, dilutions, sampling, titrations, filtrations and also observed how the analysis is done according to the procedure provided.

To handle lasted lab instruments successfully to carry out different test without any problem.

### CONCLUSION

It was a great experience in the internship in the Hindustan Coca Cola Beverage Pvt. Ltd. It gave me lot of knowledge about the working of the chemist carrying out different analysis in the company. Because of this internship I have learned different techniques and the equipment used by the chemists.



HR/ HCCBPL/ 2017

27<sup>th</sup> May 2017

Hindustan Coca-Cola Beverages  
Pvt. Ltd.

M-2 to M-11, Phase III B,  
Verna Industrial Estate, Verna,  
Salcete, Goa 403 722

T 0832 2783961/62/63/64  
F 0832 2783966

## To Whom So Ever It May Concern

This is to certify that, **Mr. Patil Pandurang Alias Preet Shodan** a student of Parvatibai Chowgule College of Arts & Science Goa has successfully completed his internship in our organization from 9<sup>th</sup> May 2017 to 27<sup>th</sup> May 2017 a total time period of 120 hours.

During this period of his internship, he has exhibited a high enthusiasm, sincerity, dedication and hard work towards the role assigned to him.

We wish him all the best for his future endeavor.

From Hindustan Coca-Cola Beverages Pvt. Ltd

  
  
Authorized Signatory





Parvatibai Chowgule College of Arts and Science  
Autonomous  
Accredited by NAAC with Grade 'A' (CGPA Score 3.41 on a 4 Point Scale in 3rd cycle)  
Best affiliated College-Goa University Silver Jubilee Year Award



# INTERNSHIP REPORT

## INTERNSHIP PROGRAM AT: VERGO PHARMA RESEARCH LABORATORIES PVT. LTD.

**SAYEE BORKAR**

F.Y.BSc (SINGLE MAJOR)

SU160357

## INTRODUCTION

The internship was carried out for 15days (120hours) in Vergo pharma research laboratories private limited which is one of the well known pharmaceutical company in Goa. This company is engaged in testing quality of the product and developing it with different tests and instruments.

## OBJECTIVE AND EXPECTATIONS OF THE INTERNSHIP

To learn various tests performed to check the quality of the product. The basic goal of this process is to ensure that the products that are provided meet specific requirements and characteristics. It serves one of the most important functions in the pharmaceutical production and control. And also developing it with different tests and instruments.

## BRIEF OVERVIEW OF ACTUAL WORK DONE DURING THE 1MONTH

In the 15days internship, 8days I saw how quality control laboratory actually works and for rest 7days I saw the working of ADL (Analitical Development Laboratory). . Quality control is the process that is use to ensure a certain level of quality in a product. It might include whatever actions the chemist deems necessary to provide for the control and verification of certain characteristics of the product. ADL has the capabilities of analytical method development and their validation and also the preparation of complete specification for raw materials (bulk drugs), finished products, intermediates, excepients, not mentioned in any pharmacopoeia. It also study the effect of solvent, alkalines, acids, excipients or the stability of bulk drugs and formulations.

In QC laboratory, We learnt about the storage and the packaging methods. There are three types of packaging that is primary, secondary and tertiary. Primary packaging is the main packing which holds the product at the time of processing or wrapping. On the other hand secondary packaging merges with the primary packing into one final box while tertiary packing combines all of the primary plus

secondary packing on to one pallet. It has been also taken care that the products are not damaged. We also referred to some of their books related to packaging, testing and handling which has different objectives and scopes.

We also learnt about the function of the chambers and its importance in the quality control department. Stability chambers are specifically designed for steady state, accelerated aging, shelf life testing, expiration date testing and more. Stability chambers provide a stable, temperature, humidity conditioned environment for worry-free operation with a control system that is easy to use and saves time.

In Quality Control there are separate areas where in conc. acids such as concentrated sulphuric acid, concentrated HCl are kept in specific fume hood

These is muffle furnace which is used at temperature between 400 degree C to 800 degree C. For other temperature requirements there are ovens and also there is vaccum ovens to control pressure during heating. LOD's are kept in vacuum oven. We saw different techniques and instruments used by the chemist for the analysis of different products. The various instruments are HPLC, pH meter, Bulk density apparatus and gas chromatography. The chemist also performed different processes such as filtration and vaccum degassing.

In ADL, We have observed the measurement of tablets such as diameter, thickness, length and breadth. We also saw different instruments such as Karl compact titrator, dissolution test apparatus, ultrasonic cleaning bath, centrifuge apparatus, friability test apparatus, UV visible spectrophotometer.

## OBSERVATIONS, CHALLENGES AND SUGGESTIONS

Observed chemist performing analysis such as weighing, dilutions, filtrations and also observed how the analysis is done according to the procedure provided.

To handle lasted lab instruments successfully to carry out different test without any problem.

## CONCLUSION

It was a great experience in this 15 days of my internship in the Vergo pharma research laboratories private limited. It gave me lot of knowledge about the working of the chemist carrying out different analysis in the company. Because of this internship I have learned different techniques and the equipment used by the chemists. I also read different pharmacopeia such as IP, BP and USP and books on pharmaceutical analysis which gave me lot of knowledge regarding analysis.

10-June-2017

**TO WHOSOEVER IT MAY CONCERN**

This is to certify that Ms. Sayee Borkar pursuing B.Sc, from Parvatibai Chowgule College of Arts and Science (Autonomous) has successfully completed 15 days training from 02-May-2017 to 16-May-2017 in VerGo Pharma Research Laboratories Pvt. Ltd.

During her internship tenure with VPRL she was found to be diligent, sincere and hardworking.

We wish her success in all her endeavors.

**For VerGo Pharma Research Laboratories Pvt. Ltd**

  
**Cassandra Esteves**  
**Executive - HR & ADMIN**



**Date: 23<sup>rd</sup> December 2016**

To,

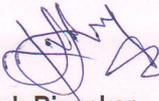
**Mr. Uttam Sinha,**  
Parvatibai Chowgule college of Arts & Science.  
Margao – Goa.

**Dear Uttam,**

We are pleased to inform you that, we have accepted your application for the three-month internship with us starting from 1<sup>st</sup> January 2017 till 31<sup>st</sup> march 2017.

You will be working on PHP MySQL platform and will be responsible to complete school management software project life cycle.

**For Creative Connection**

  
**Jayesh Rivankar**



To,  
The Head of Department,  
Computer Science Department,  
Parvatibai Chowgule College of Arts & Science,  
Margao-Goa.

Dated: January 2<sup>nd</sup> 2017

Respected Sir,

**Sub: Acceptance of Project**

This letter is written to inform you that your project offer has been gladly accepted by CREATIVEKNOX EVENTS & MEDIA PVT. LTD.

We reviewed your project offer and provide permission to Mr. Stiven Fernandes of MSc.IT Part II of your reputed college in doing project at my concern for the period of 4 months. Details and scope of the project will be provided to him on the first day of the project. He also needs to submit a copy of detailed project report to us along with the source code of the web Application developed.

We will issue the project completion certificate to Mr. Stiven Fernandes after reviewing his project and successful implementation of the same.

Good luck for the project. We are looking forward to work with you.

Thanking You,

Yours Sincerely

**For CREATIVEKNOX Events And Media Pvt. Ltd.**

**Director/Authorized Signatory**

Mr. Velencio Carvalho

(Co-founder & Director at CREATIVEKNOX Events & Media Pvt. Ltd.)

**CREATIVEKNOX  
EVENTS AND MEDIA PVT. LTD.  
H. NO. 25/B, POVACAO,  
VERNA SALCETE,  
GOA-403722**

Date: 31<sup>st</sup> Dec 2016.

To  
The Principal,  
Parvatibai Chowgule College of Arts And Science.

**Subject: Request for MCA internship - Mr Diptesh Naik**

Sir,

This has the reference regarding internship of Diptesh Naik final year MSC student who is interested to take internship / project training at FABCODERS Panjim – Goa. In this regard FABCODERS is pleased to inform you that, the internship of Diptesh Naik has been accepted by us. The internship period shall be from Jan 2017 to June 2017.

Thank you.

Yours faithfully

A handwritten signature in black ink, appearing to read 'Remie Azavedo', written over a circular purple stamp.

Remie Azavedo

CEO



Date: 15.12.2016

To,

Mr. Deepak Thakur,  
Parvatibai Chowgule College,  
Margao-Goa

Sub: Summer Internship Training confirmation

Dear Deepak

As per your letter regarding Internship, you have been selected to undergo 6 month Internship training with our organization commencing from 15<sup>th</sup> December 2016.

During the training, you will be assigned 'Project Work' under a Guide, It shall be your endeavor to complete the project work up to the expectation of the Guide and submit a copy of the same to the organization. The information in the Project report has to be approved by the Guide to contain matter/information of the organization that can be shared with your institution in case of submission of a 'Work Report'.

The nature of the work to be done will be assigned by the guide in due course of time.

You will have to abide by the company's working protocol and code of conduct, and any breach of the same will call for immediate discontinuation from the training program.

Looking forward for your valued contribution to the organization during the training period.

For Digisol Systems Ltd.,

A handwritten signature in blue ink, appearing to read 'Salil Kamat', written over a horizontal line.

**Salil Kamat**  
Assistant Manager – HR



To,

Date: 05/01/17

The Head,  
Department of Computer Science,  
Parvatibai Chowgule College.

**Sub: Industrial Internship**

Sir/Maam,

With reference to your student **Mr. Reuben Fernandes**

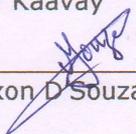
I would like to state that KAAVAY is pleased to accept the application under the following terms and conditions;

**Terms & Conditions:**

- KAAVAY will provide Web based projects to the student(s) which will be a part of their project work and for this they will have to sign a Non-Disclosure Agreement with us, since this is a commercial level project. This will enhance the technical skills of your student(s) and give them hands on experience.
- Projects will be assigned to the student(s) based on their skill and knowledge.
- The copyrights of any project belongs entirely to KAAVAY ENTERPRISES Pvt. Ltd.
- KAAVAY is obliged to restrict the use of this information to the purpose of fulfilling the specific or relevant placements/graduation assignments, unless the student(s) has clearly given the employer permission to use it for a different purpose.
- Student(s) will have to physically be present at our premises 6 days a week, till the end of Internship so that we can take a review of the project.
- Once the product is launched and registered in the name of KAAVAY only then shall the project be presented in front of the whole class. In case the project is not registered in the name of KAAVAY before the date of presenting in front of the full class, the student(s) will be given the permission to present work done only to their guide and an external examiner.
- KAAVAY will provide adequate mentoring to the student(s); however, if the student(s) are unable to complete the projects due to skill or time deficiency, the student(s) are requested to work on the project from KAAVAY's office even after the stipulated time in order to complete the tasks assigned to them. However, at the time of Internal Institute review, they could present the modules/tasks completed until then.
- Under no circumstances, shall the project be the property of the student(s) or the college or any other stakeholders if any, except for KAAVAY.

Thanking You,

For Kaavay

  
Nixon D Souza - Internship Coordinator, KAAVAY Enterprises Pvt. Ltd.,





To,

Date: 05/01/17

The Head,  
Department of Computer Science,  
Parvatibai Chowgule College.

**Sub: Industrial Internship**

Sir/Maam,

With reference to your student **Miss. Karen Lobo.**

I would like to state that KAAVAY is pleased to accept the application under the following terms and conditions;

**Terms & Conditions:**

- KAAVAY will provide Web based projects to the student(s) which will be a part of their project work and for this they will have to sign a Non-Disclosure Agreement with us, since this is a commercial level project. This will enhance the technical skills of your student(s) and give them hands on experience.
- Projects will be assigned to the student(s) based on their skill and knowledge.
- The copyrights of any project belongs entirely to KAAVAY ENTERPRISES Pvt. Ltd.
- KAAVAY is obliged to restrict the use of this information to the purpose of fulfilling the specific or relevant placements/graduation assignments, unless the student(s) has clearly given the employer permission to use it for a different purpose.
- Student(s) will have to physically be present at our premises 6 days a week, till the end of Internship so that we can take a review of the project.
- Once the product is launched and registered in the name of KAAVAY only then shall the project be presented in front of the whole class. In case the project is not registered in the name of KAAVAY before the date of presenting in front of the full class, the student(s) will be given the permission to present work done only to their guide and an external examiner.
- KAAVAY will provide adequate mentoring to the student(s); however, if the student(s) are unable to complete the projects due to skill or time deficiency, the student(s) are requested to work on the project from KAAVAY's office even after the stipulated time in order to complete the tasks assigned to them. However, at the time of Internal Institute review, they could present the modules/tasks completed until then.
- Under no circumstances, shall the project be the property of the student(s) or the college or any other stakeholders if any, except for KAAVAY.

Thanking You,

For Kaavay

Nixon D'Souza – Internship Coordinator, KAAVAY Enterprises Pvt. Ltd.



# गोंय विद्यापीठ

ताळगांव पठार

गोंय - ४०३ २०६

फोन : ०८३२ - ६५१९०४८ / ६५१९३०२

फॅक्स : +०९१-८३२-२४५१९८४ / २४५२८८९



# Goa University

Taleigao Plateau, Goa - 403 206

Tel : 0832-6519048 / 6519302

Fax : + 091- 832-2451184/2452889

E.mail : registrar@unigoa.ac.in

Website : www.unigoa.ac.in

(Accredited by NAAC with Grade 'A')

The Head,  
Department of Computer Science,  
Parvatibai Chowgule College,  
Margao-Goa.

Mr. Ramrao Wagh,  
Assistant Professor,  
Department of Computer Science & Technology,  
Goa University,  
Taleigao Plateau, Goa.  
3-1-2017.

Sir,

**Subject: Acceptance of Students for Internship**

This letter confirms and acknowledges that Mr. Prajyot Naik and Ms. Zenia Cardoso, students pursuing MSc IT in your institution, are undergoing their internship under me. They are working on the project titled "Eclipse Plug-in for learning Java Programming".

The said project is intended to develop a method for making Eclipse user-friendly for novice programmers (students) that will customize Eclipse IDE so that Java programming can be learnt in a step by step manner. It has duration of 4 months.

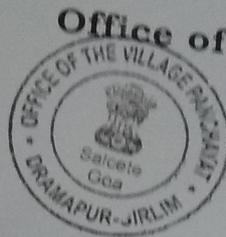
Thanking You,

Yours truly,

(Mr. Ramrao Wagh)



No. VPDS/2017-18/3



**Office of the Village Panchayat**  
**Dramapur - Sirlim**  
**Salcete - Goa**

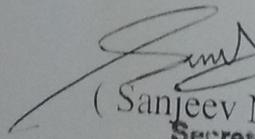
Date: 03-04-2017

To,  
H.O.D.  
Computer Science Department  
Parvatibai Chowgule College of Arts and Science  
Gogol Margao Goa

Sub:- Internship done at V.P. Dramapur- Sirlim

Sir,

This is to inform you that Ms. Rayzel Queeny Carneiro has successfully completed her 120 hrs of internship in our office i.e. V.P. of Dramapur- Sirlim Salcete Goa from 7<sup>th</sup> November,2016 to 26<sup>th</sup> November,2016.

  
( Sanjeev Naik )  
Secretary  
V.P. Dramapur-Sirlim

# DEELIP WAMAN AUDI

TAX CONSULTANT

Flat No. 601, Datta Niwas Bldg,  
Second Floor, Opp. Talak Office, Nr. Mahila & Nutan High School  
Comba, Margao – Goa.

---

## CERTIFICATE

This is to certify that Ms. Aarti U. Bhende resident of Anandwadi, Sanvordem, Goa was given the work of Data Entry from 01-05-2016 to 31-05-2016. This work was given as a part of internship program of college campus. She has completed 60 hrs in this office. During this period she has been found hardworking & sincere.

This certificate is issued at her own request.

**For Deelip W. Audi**

  
**Proprietor**

Place : Margao – Goa.  
Date : 08-06-2016.



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AI DUAL CAMERA



**KUNDE ELECTRICALS**

Engs. & Contractors  
Lic. No. GLB - 403

Shop No. 9, Rogtao Plaza, Near Power House, Aquem Alto,  
Margao - Goa 403 601. ☎ (0832) (O)2704287  
Fax: 2704287 E-mail: kunelec@rediffmail.com

**CERTIFICATE OF INTERNSHIP**

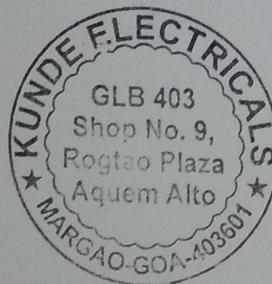
Date: 20/06/2016

This is to certify that **Miss Sarthaki Satish Naik**, has undergone job training as a **Technical Support** from **01/06/2016** to **14/06/2016** and completed **40 hours** of training. The training was a part of her B.Sc. Computer Science course at **Dr. Jyoti Chavhan Pratibha Chowgule College of Arts and Science, Margao-Goa.**

During her tenure with us she has gained various skills in **technical work, software installations, tally work, etc.**

This certificate is issued at her own request.

Sandeep Konde  
(Proprietor)



# Orbits Technologies

• COMPUTER SALES • SERVICE • TRAINING & IT SOLUTIONS

Date: 20/8/2016

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Rajat Rajesh Jadhav** has undergone job training as a Computer Hardware and Network Support Engineer from 15<sup>th</sup> July 2016 to 18<sup>th</sup> August 2016 (2 hours per day ) and completed 60 hrs of training. The training was a part of his BSc. Computer Science course at Parvatibai Chowgule College of Arts and Science, Margao- Goa.

During his tenure with us he has gained various skills in Installing, Configuring and Troubleshooting computer hardware and network problems.

This certificate is issued at his own request.

For Orbits Technologies

Leon Alphonso  
(Director)



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AI DUAL CAMERA



# CERTIFICATE

TO WHOM SO EVER IT MAY CONCERN  
THIS IS TO CERTIFY THAT

*Master John Pereira*

Student of 2<sup>nd</sup> year BSC, Parvatibai Chowgule College of  
Arts and Science - Goa.  
Has successfully completed his Internship Programme with



**CROSSCRAFT<sup>®</sup>**  
**PVT. LTD.**

From: 24<sup>th</sup> April 2017 to 27<sup>th</sup> May 2017

Setrao F. S.  
MANAGING DIRECTOR

Harish Timblo  
DIRECTOR

Dominic Dias  
ASST. MANAGER HR

CHOWGULE  
TIGERS

Ref No: NMB/PCC/2016-17/096

Date: : 10<sup>th</sup> June' 2017.



To Whomsoever it May Concern

This is to certify that Ms. Swella Glenna Gomindes had undergone Internship training in our IT Department from 03<sup>rd</sup> May 2017 to 07<sup>th</sup> June 2017.

As informed, during the above period she was found to be sincere & hardworking.

This certificate is issued at the request of concern Internship trainee.

For NEW MILLENIUM BAKERS

Anup A. Madkaikar  
HR Manager



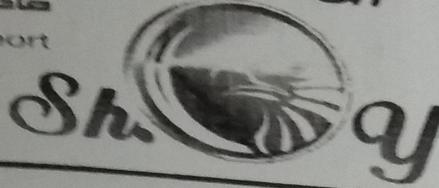
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AI DUAL CAMERA



# شرکت شهریار امتد Shahr Yar Ltd.

صادرات  
Export

واردات  
Import



آدرس :

افغانستان - مزار شریف  
مقابل پوهنتون بلخ  
مارکیٹ سینٹر بلاک اول دوکان نمبر ۱  
تلفون نمبر : ۰۷۹۹۷۷۰۳۹۹  
تلفون نمبر : ۰۷۸۶۵۰۶۹۶۹

تلفون : A.124

تاریخ :

نمبر :

Date: 14/05/2017

A.124

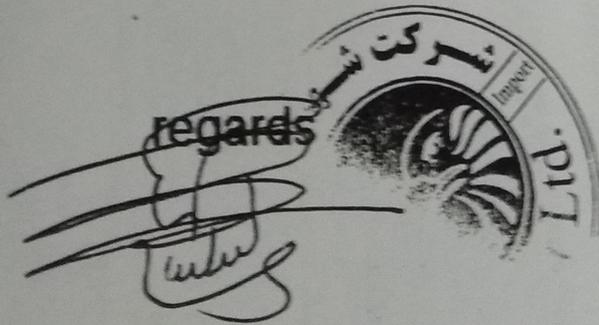
## CERTIFICATE

Dear Sir / Madam

Here by we would like to certify that Miss Asila Rahmaty has worked with our company as an internship from 30/04/2017 to 14/05/2017 as 8 hours a day. she was very honest and loyal in her all works given to her.

you have any hessitation please contact us.

regards





## Student Job Training Performance

Name of the Student: Analee D'Souza

Name of Organisation: Digicom Computer Education

Address: Off, 2,3&4, 1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> floor Durga appts, Near icici Bank Margao Goa.

Nature of business: Institution

Name and Designation of Respondent: Jessica Fernandes (Training Incharge)

Date: 13/11/2018

Nature of job allotted to student: Teaching & Data Entry

Date of commencement: 10/05/2017

Date of completion: 11/06/2017

Daily Reporting time: 8 :00 pm

Hours worked per day: 8 hrs

Paid Stipend to student? yes  No.  if yes Specify total amount paid

This is to certify that Analee D' Souza Completed 1 Month Training at Digicom Computer Education Margao branch from 10/05/2017 to 11/06/2017

Jdel

Training Incharge

13/11/2018

Date



### CORPORATE OFFICE

MARGAO : 1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> Floor, Office No. 2, 3 & 4  
Durga Apts., Next to Virginkar Petrol Pump,  
Near ICICI Bank, Luis Miranda Road, Margao - Goa.

2702078 / 2702079

digicomgoa7@gmail.com / info@digicomgoa.com

www.digicomgoa.com

**HOTLINE** Cell : +91 9158019190

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Registered under HRDF Govt. of Goa

BRANCHES: ...

**CERTIFICATE OF INTERNSHIP**

Date: 7/11/17

This is to certify that Miss/Mrs/Mr. Sales Assistant Collin Pereira, has undergone job training completed 44.8 hours of training. The training was a part of his/her B.Sc. Computer Science course at Parvatibai Chowgule College of Arts and Science, Margao, Goa.

During his/her tenure with us he/she has gained various skills in Management & Dealing With Customers in Business

This certificate is issued at his/her own request.

Signature

Designation

A. Mica

SHOWROOM MANAGER.

**COLOR ZONE**

Shop No. 3, N. H. 17,  
BELOY, NUVEM  
SAI CETE - GOA 403 60

Ph: 2790112

Company seal

# CERTIFICATE OF INTERNSHIP

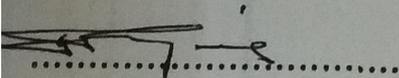
Date 22<sup>nd</sup> January, 2018

This is to certify that Miss Nada Razvi, has undergone job training as a Data Entry Operator from November '2016 to May '2017 2017 and completed 50 hours of training. The training was a part of her Bsc Computer Science Course at Parvatibai Chowgule College of Arts and Science, Margao, Goa.

During her tenure with us she has gained various skills in Database creating, team work, organizing data.

This certificate is issued at her own request.

Signature



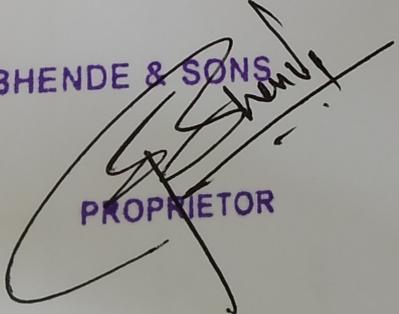


T.G BHENDE AND SONS  
GENERAL TEXTILE MERCHANTS  
CURCHOREM - GOA  
CERTIFICATE

This is to certify that Ms. Aarti U. Bhende resident of Anandwadi, Sanvordem, Goa has done web development for our shop from 01-05-2017 to 31-05-2017. This work was given as a part of internship program of college campus. She has completed 60 hours in our shop. During the internship program she has been found punctual and sincere while doing her task

This certificate is issued at her own request.

M/S. T. G. BHENDE & SONS

  
PROPRIETOR

Place: Sanvordem-Goa

Date : 10-07-2017



**FUTSAL ASSOCIATION OF GOA**  
*Affiliated to International Futsal Alliance*

Date:10-04-2019

**To Whomsoever It May Concern**

This is to certify that *Mr. Garry Roque Fernandes* had undergone internship training in our organisation. He did the job of poster designing for GSPL (Goa Sevens Premier League) Season one and Season Two in the month of April and May 2017 & 2018.

As informed, during the above period he was found to be dedicated and hardworking.

This certificate is issued at the request of concerned internship trainee. We wish Garry all the very best for his future endeavours.

Regards,

Naguesh Karpani

Operations Manager

7875230043





# FUTSAL ASSOCIATION OF GOA

Affiliated to International Futsal Alliance

Date: 10/01/2019

## To Whomsoever It May Concern

This is to certify that *Mr. Linford Jason Rodrigues* had undergone internship training in our organisation. He did the job of Social Media Handling for GSPL (Goa Sevens Premier League) Season one and Season Two in the month of April and May 2017 & 2018.

As informed, during the above period he was found to be dedicated and hardworking.

This certificate is issued at the request of concerned internship trainee. We wish Linford all the very best for his future endeavours.

Regards,

*N. Karpani*

Nagush Karpani

Operations Manager

7875230043



Pearl Centre, Opp. Regina Martyrum Church, Assolna, Salcete, Goa. 403701 Cell : 8554836353

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AI DUAL CAMERA



**FUTSAL ASSOCIATION OF GOA**  
Affiliated to International Futsal Alliance

Date: 10-04-2019

To Whomsoever It May Concern

This is to certify that *Mr. Samuel Stanly Rodrigues* had undergone internship training in our organisation. He did the job of Data Entry for GSPL (Goa Sevens Premier League) Season one and Season Two in the month of April and May 2017 & 2018

As informed, during the above period he was found to be dedicated and hardworking.

This certificate is issued at the request of concerned internship trainee. We wish Samuel all the very best for his future endeavours.

Regards,

Naguesh Karpani

Operations Manager

7875230043





Refresher Course  
in  
Experimental Physics

**CERTIFICATE**

This is to certify that Mr. Akash Kundaikar,  
Chowgule College, Margao has attended the  
"Refresher Course in Experimental Physics" held  
at Goa University from May 10 - 25, 2016.

  
K. R. Priolkar  
Course Director

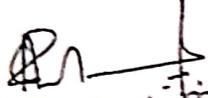
Goa, May 25, 2016



Refresher Course  
in  
Experimental Physics

**CERTIFICATE**

This is to certify that Ms. Ninoshka Rodrigues,  
Chowgule College, Margao Goa has attended the  
"Refresher Course in Experimental Physics" held  
at Goa University from May 10 - 25, 2016.

  
K. R. Priolkar  
Course Director

Goa, May 25, 2016



*Refresher Course  
in  
Experimental Physics*

**CERTIFICATE**

*This is to certify that Shweta Tiwari, Parvatibai Chowgule College of Arts and Science (Autonomous), Margao has attended the "Refresher Course in Experimental Physics" held at Goa University from November 3 - 18, 2016.*

*K. R. Priolkar  
Course Director*

*Goa, November 3, 2016*



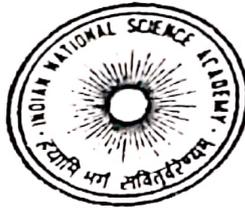
Refresher Course  
in  
Experimental Physics

CERTIFICATE

This is to certify that Akanksha Dwivedi,  
Parvatibai Chowgule College of Arts and Science  
(Autonomous), Margao has attended the  
“Refresher Course in Experimental Physics” held  
at Goa University from November 3 - 18, 2016.

K. R. Priolkar  
Course Director

Goa, November 3, 2016



Refresher Course  
in  
Experimental Physics

CERTIFICATE

This is to certify that Avney Anna Rodrigues,  
Parvatibai Chowgule College of Arts and Science  
(Autonomous), Margao has attended the  
"Refresher Course in Experimental Physics" held  
at Goa University from November 3 - 18, 2016.

K. R. Priolkar  
Course Director

Goa, November 3, 2016

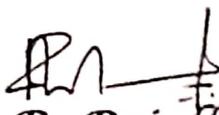


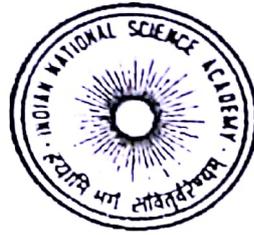
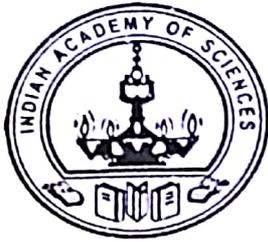
Refresher Course  
in  
Experimental Physics

**CERTIFICATE**

This is to certify that Ceena Pereira, Parvatibai Chowgule College of Arts and Science (Autonomous), Margao has attended the "Refresher Course in Experimental Physics" held at Goa University from November 3 - 18, 2016.

Goa, November 3, 2016

  
K. R. Priolkar  
Course Director



Refresher Course  
in  
Experimental Physics

CERTIFICATE

This is to certify that Elaine Gomes, Parvatibai Chowgule College of Arts and Science (Autonomous), Margao has attended the "Refresher Course in Experimental Physics" held at Goa University from November 3 - 18, 2016.

K. R. Priolkar  
Course Director

Goa, November 3, 2016



Refresher Course  
in  
Experimental Physics

CERTIFICATE

This is to certify that María Fernandes,  
Parvatibai Chowgule College of Arts and Science  
(Autonomous), Margao has attended the  
"Refresher Course in Experimental Physics" held  
at Goa University from November 3 - 18, 2016.

K. R. Priolkar  
Course Director

Goa, November 3, 2016

# Remote Sensing of the Oceans

By

Amrita Sarkar



Parvatibai Chowgule College of Arts and Science

Department of Physics

Smt. Parvatibai Chowgule College of Arts and Science

Margao, Goa-12/06/2017

Under the Guidance of

Dr. M.R. RAMESH KUMAR

Chief Scientist



National Institute of Oceanography

Dona Paula, Goa

Duration: 29<sup>th</sup> May 2017 to 13<sup>th</sup> June 2017

## Certificate

This is to certify that, the summer internship entitled "*Remote Sensing of Oceans*" is an authentic record of work carried out by **Amrita Sarkar**, student of B.Sc. Physics from the Department of Physics, Smt. Parvatibai Chowgule College of Arts and Science, Margao, Goa, India. She has successfully completed the internship under my supervision at National Institute of Oceanography (CSIR-NIO), Goa, during 29<sup>th</sup> May 2017 to 13<sup>th</sup> June 2017.

Date: 13<sup>th</sup> June 2017



Dr. M.R. Ramesh Kumar

Chief Scientist

Physical Oceanography Division

National Institute of Oceanography

Dona Paula, Goa-403004

E-mail: [kramesh@nio.org](mailto:kramesh@nio.org)

## Declaration

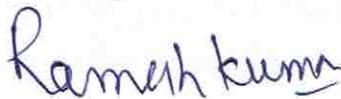
I do hereby declare that the project report, which has been submitted as a part of summer internship, is an authentic record of my work, carried out under the supervision of Dr. M.R. Ramesh Kumar, Chief Scientist, POD, National Institute of Oceanography, Goa.

I further declare to the best of my knowledge that the summer internship report does not contain any part of work which has been submitted for the award of any degree, either in this Institute or any other University without proper citation.

Amrita Sarkar



Countersigned



Dr. M.R. Ramesh Kumar

Chief Scientist

Physical Oceanography Division

National Institute of Oceanography

Dona Paula, Goa-403003

# AN ASSESSMENT OF HABITAT SELECTION AND FISHERMEN'S PERCEPTION OF INDIAN SMOOTH COATED OTTERS (*LUTROGALE PERSPICILLATA*) IN THE ZUARI RIVER SYSTEM OF GOA

A project report submitted in partial fulfilment of the requirement for the degree of

**Bachelor of Science**

**In**

**Zoology**

**By**

1. Miss. Swati R. Gaonkar
2. Miss. Sonia R. Morajkar
3. Miss. Gautami P. Sawant
4. Miss. Shaikh Shahina
5. Mr. Santosh C. Totad

Under The Supervision of

**MR. STEPHEN JONAH DIAS**

PARVATIBAI CHOWGULE COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)

March, 2018-2019



© Atul Sinai Borker, © Wild Otters, Goa



# EFFECT OF ANTHROPOGENIC ACTIVITIES ON THE WATER QUALITY AND DISTRIBUTION OF FAUNA ALONG THE RIVER SAL

A project report submitted in partial fulfillment of the requirement for the degree of

Bachelor of Science  
In  
Zoology

By

Ms. Allin Fernandes  
Ms. Dhruvi Raiker  
Mr. Kartik Redkar  
Ms. Prachita Sudhir  
Mr. Saurav Sattarker

Under the supervision of

**MS. TESSA JOANNE VAZ**

**PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE  
AUTONOMOUS**

2018-2019

# **ETIOLOGY OF IMPAIRED RENAL FUNCTION IN CANACONA TALUKA**

**A project report submitted in partial fulfillment of the requirement  
for the degree of**

**Bachelor of Science**

**In  
ZOOLOGY**

**By:**

- 1.Mr. Jishnu Ravindran**
- 2.Mr. Jagdish Alias Reuben Arvind Rajadhyaksha**
- 3.Ms. Tyween Jia Coutinho**
- 4. Ms. Roshell Rossi Fernandes**
- 5. Ms. Yashashree Gajanan Asolkar**

**Under the supervision of  
Dr. NANDINI VAZ FERNANDES**

**PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE**

**(AUTONOMOUS)**

**MARGAO GOA - 403601**



**BSc ZOOLOGY**

**2018-2019**

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2018-2019

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PARVATIBAI CHOWGULE COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)

March, 2018-2019



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# PHYSICO-CHEMICAL AND BIOLOGICAL PARAMETERS OF LAKES IN CURTORIM

A project report submitted in partial fulfillment of the requirement for the degree of  
**Bachelor of Science**

**In**  
**Zoology**  
**By**

**Royd Fernandes**  
**Mercy Fernandes**  
**Nisha Shakya**  
**Leander Barreto**  
**Daze Cardozo**



Under the supervision of  
**MISS GAUTAMI MANAKIKAR**

**PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE**  
**AUTONOMOUS**

**March 2018-19**

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Under the supervision of  
**MISS GAUTAMI MANAKIKAR**

**PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE**  
**AUTONOMOUS**  
March 2018-19

# Exploring the Effect of Environmental Variables Governing Seasonal Polyphenism in *Melanitis leda* (Nymphalidae: Satyrinae)

A project report submitted in partial fulfilment of the requirement for the degree of  
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In  
Zoology  
By

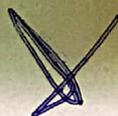
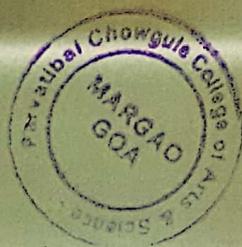
Mr. Dheeraj Halali  
Ms. Rizelia C. Rodrigues  
Ms. Shenya Barbosa  
Ms. Mamta Sharma  
Ms. Joyme Pinto

Under the supervision of

**MS. MADHU BALEKAI**

PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE  
AUTONOMOUS

2018-2019



# EFFECT OF ANTHROPOGENIC ACTIVITIES ON THE WATER QUALITY AND DISTRIBUTION OF FAUNA ALONG THE RIVER SAL

A project report submitted in partial fulfillment of the requirement for the degree of

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**PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE  
AUTONOMOUS**

2018-2019

# **STUDY OF SOME ASPECTS OF HORMONAL IMBALANCE IN HUMAN SAMPLE POPULATION OF GOA**

**A project report submitted in partial fulfilment of the requirement for the  
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IN  
ZOOLOGY**

**By:**

**MS. AUSTINA BARBOSA  
MS ALITHIA L. GOMES  
MS DICEMA DIAS  
MS GEZELEE F. FERNANDES  
MS. PLANSY J. DIAS**

**Under the supervision of**

**DR. NANDINI VAZ FERNANDES**

**PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE**

**(AUTONOMOUS)**

**MARGAO GOA- 402602**



2018-2019



# **ETIOLOGY OF IMPAIRED RENAL FUNCTION IN CANACONA TALUKA**

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**PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE**

**(AUTONOMUS)**

**MARGAO GOA - 403601**



**BSc ZOOLOGY**

**2018-2019**

# AN ASSESSMENT OF HABITAT SELECTION AND FISHERMEN'S PERCEPTION OF INDIAN SMOOTH COATED OTTERS (*LUTROGALE PERSPICILLATA*) IN THE ZUARI RIVER SYSTEM OF GOA

A project report submitted in partial fulfilment of the requirement for the degree of

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**In**

**Zoology**

**By**

1. Miss. Swati R. Gaonkar
2. Miss. Sonia R. Morajkar
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5. Mr. Santosh C. Totad

Under The Supervision of

**MR. STEPHEN JONAH DIAS**

PARVATIBAI CHOWGULE COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)

March, 2018-2019



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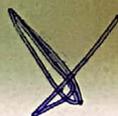
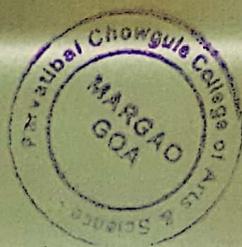
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March, 2018-2019



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# **STUDY OF ODONATES IN BORIM**

A project report submitted in partial fulfilment of the requirement for the degree of

**Bachelor of Science  
In  
Zoology**

**By**



**Mr. Mikhail Roal Fernandes  
Miss. Saily Khillari Naik  
Miss. Simran Vishnu Honnaverker  
Miss. Kriysella Andrea Pereira  
Miss Pavan Gurudas Navelkar**

**Under the supervision of  
Andrea Runasia D'Souza**

**Parvatibai Chowgule College of Arts & Science  
Autonomous**

**March 2018-19**



# **STUDY OF SOME ASPECTS OF HORMONAL IMBALANCE IN HUMAN SAMPLE POPULATION OF GOA**

**A project report submitted in partial fulfilment of the requirement for the  
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ZOOLOGY**

**By:**

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MS ALITHIA L. GOMES  
MS DICEMA DIAS  
MS GEZELEE F. FERNANDES  
MS. PLANSY J. DIAS**

**Under the supervision of**

**DR. NANDINI VAZ FERNANDES**

**PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE**

**(AUTONOMOUS)**

**MARGAO GOA- 402602**



2018-2019



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**Parvatibai Chowgule College of Arts & Science  
Autonomous**

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**(AUTONOMOUS)**

**MARGAO GOA- 402602**



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**(AUTONOMOUS)**

**MARGAO GOA- 402602**



2018-2019



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**PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE**

**(AUTONOMOUS)**

**MARGAO GOA- 402602**



2018-2019



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Miss. Kriysella Andrea Pereira  
Miss Pavan Gurudas Navelkar**

**Under the supervision of  
Andrea Runasia D'Souza**

**Parvatibai Chowgule College of Arts & Science  
Autonomous**

**March 2018-19**



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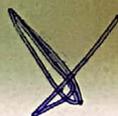
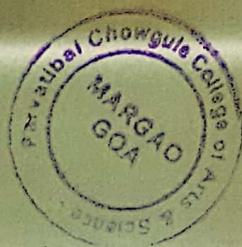
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Ms. Joyme Pinto

Under the supervision of

**MS. MADHU BALEKAI**

PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE  
AUTONOMOUS

2018-2019





Prabhudessai Hospitals Pvt. Ltd's

# Trimurti General Hospital

Las Palmas Housing Estate, Gogol, Margao - Goa Tel.: 2700707

Date: 15/05/2017

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Miss AJMERUNNISSA SHAIKH has successfully completed her internship from 24<sup>th</sup> April 2017 till 15<sup>th</sup> May 2017

During the internship period she acquired knowledge in different laboratory techniques.

We wish her all the best for her future career.

21

Dr. Vinayak Prabhudessal

(Managing Director)

Trimurti Hospital, Margao Goa.

Date: 03/06/2017

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Miss Velona Luis has successfully completed her internship from 15<sup>th</sup> May 2017 to 03rd June 2017.

During the internship period she acquired knowledge in different laboratory techniques.

  
Dr. Vinayak Prabhudessal

(Managing Director)



**Parvatibai Chowgule College of Arts and Science**

Accredited by NAAC with Grade 'A' (CGPA Score 3.41 on a 4 point Scale)  
Best affiliated College-Goa University Silver Jubilee Year Award



## **INTERNSHIP CERTIFICATE**

Sr. No. **36**

This is to certify that Mr. / Ms. Akshada Raikar has undergone internship in **Pathological Techniques** involving Phlebotomy, routine analysis of blood and urine & **Genetic Techniques** involving Karyotyping of human chromosomes at Genetic Research Lab and Dr. Mahesh Raiker's Path. Lab. hospital for a period of 184 hours in November+May 2016-2017.

**Dr. Nandini Vaz Fernandes**  
*Course Co-ordinator*

Date of issue

**Dr. Nandkumar Sawant**  
*Principal*



**Parvatibai Chowgule College of Arts and Science**

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## **INTERNSHIP CERTIFICATE**

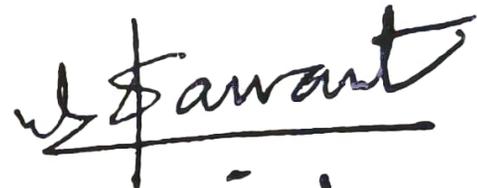
Sr. No. **68**

This is to certify that Mr. / Ms. Ashmith Relia Da'Costa has undergone internship in **Genetic Techniques** involving Phlebotomy, Karyotyping of human chromosomes at Genetic Research Lab and Rajagiri Victor hospital for a period of 164 hours in November / May 2016 - 2017.

  
**Dr. Nandini Vaz Fernandes**  
**Course Co-ordinator**

Date of issue



  
**Dr. Nandkumar Sawant**  
**Principal**



# DIVINE MEDICAL CENTRE

S1, S2 & S5, Kamat Commercial, Above Women's Look,  
Martires Dias Road, Near Hari Mandir, Margao, Salcete, Goa - 403 601.  
Ph.: 2711140 E-mail : medicalsdivine@yahoo.com



DMC/41/2017

3<sup>rd</sup> June 2017

## CERTIFICATE

This is to certify that Ms. Avril Fernandes has successfully completed One-month (From 2<sup>nd</sup> May – 3<sup>rd</sup> June 2017) internship training in Pathology Laboratory, at Divine Medical Centre Margao- Goa.

During the internship , she has closely worked as a part of the Medical team. In addition to Pathology training Ms. Avril has undergone training for Audiometry, Spirometry, X-ray, ECG etc

Through out her internship Ms. Avril Fernandes was found to be punctual, hardworking , sincere.

Her performance during the period was good .

Dr. Phillip Mascarenhas

MBBS,DNB, AFIH



**DR. PHILLIP MASCARENHAS**  
GMC. Reg No. 1458 MBBS DNB AFIH  
Divine Medical Centre  
2nd Floor, Kamat Commercial, Near  
Hari Mandir, Margao-Goa 403601, India



**Parvatibai Chowgule College of Arts and Science**

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## INTERNSHIP CERTIFICATE

Sr. No. **67**

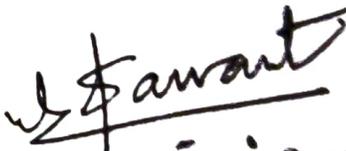
This is to certify that Mr. / Ms. Avril fernandes has undergone  
internship in **Genetic Techniques** involving Phlebotomy, Karyotyping of human  
chromosomes at Genetic Research Lab and Divine Medical Center hospital  
for a period of 164 hours in November / May 2016 - 2017.

  
**Dr. Nandini Vaz Fernandes**  
Course Co-ordinator

Date of issue:

22 DEC 2017



  
**Dr. Nandkumar Sawant**  
Principal



**Parvatibai Chowgule College of Arts and Science**

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Best affiliated College-Goa University Silver Jubilee Year Award



## INTERNSHIP CERTIFICATE

Sr. No. **63**

This is to certify that Mr. / Ms. Berifa Miranda has undergone  
internship in **Pathological Techniques** involving Phlebotomy, routine analysis of blood  
and urine at Genetic Research Lab and Trinivesti hospital  
for a period of 140 hours in November / May 2016 - 2017.

**Dr. Nandini Vaz Fernandes**  
*Course Co-ordinator*

Date of issue:



**Dr. Nandkumar Sawant**  
*Principal*



Prabhudessai Hospitals Pvt. Ltd's

**Trimurti General Hospital**

Las Palmas Housing Estate, Gogol, Margao - Goa 560027

Date: 15/05/2017

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Miss DARREN RODRIGUES has successfully completed her internship from 24<sup>th</sup> April 2017 till 15<sup>th</sup> May 2017.

During the internship period she acquired knowledge in different laboratory techniques.

We wish her all the best for her future career.

  
Dr. Vinayak Prabhudessai

(Managing Director)

Trimurti Hospital, Margao Goa.



**Parvati Bai Chowgule College of Arts and Science**

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Best affiliated College-Goa University Silver Jubilee Year Award



## INTERNSHIP CERTIFICATE

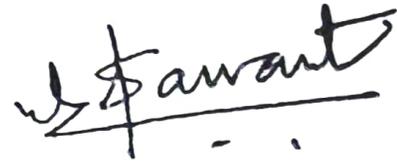
Sr. No. **30**

This is to certify that Mr. / Ms. Melima fernandes has undergone internship in **Pathological Techniques** involving Phlebotomy, routine analysis of blood and urine & **Genetic Techniques** involving Karyotyping of human chromosomes at Genetic Research Lab and Rajagiri Victor hospital for a period of 184 hours in November / May 2016-2017.

  
**Dr. Nandini Vaz Fernandes**  
Course Co-ordinator

Date of issue: \_\_\_\_\_





**Dr. Nandkumar Sawant**  
Principal



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# INTERNSHIP CERTIFICATE

Sr. No. **38**

This is to certify that Mr. / Ms. Manjusha S. P has undergone  
internship in **Pathological Techniques** involving Phlebotomy, routine analysis of blood  
and urine at Genetic Research Lab and Trinwoti hospital  
for a period of 140 hours in November+May 2016-2017.



**Dr. Nandini Vaz Fernandes**  
**Course Co-ordinator**

Date of issue: 22 DEC 2017



**Dr. Namikumar Sawant**  
**Principal**



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## INTERNSHIP CERTIFICATE

Sr. No. **64**

This is to certify that Mr. / Ms. Navami V. M has undergone  
internship in **Pathological Techniques** involving Phlebotomy, routine analysis of blood  
and urine at Genetic Research Lab and Rajagiri Victor hospital  
for a period of 164 hours in November / May 2016 - 2017.

**Dr. Nandini Vaz Fernandes**  
**Course Co-ordinator**

Date of issue:

22 DEC 2017



**Dr. Nandkumar Sawant**  
**Principal**



Prabhudessai Hospitals Pvt. Ltd's  
**Trimurti General Hospital**  
Las Palmas Housing Estate, Gogol, Margao - Goa Tel.: 2700707

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Date: 03/06/2017

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Miss Polina D'Costa has successfully completed her internship from 15<sup>th</sup> May 2017 to 03rd June 2017.

During the internship period she acquired knowledge in different laboratory techniques.

**Dr. Vinayak Prabhudessai**

**(Managing Director)**

# DR. RAIKER'S PATHOLOGY LABORATORY

Of 9-11, Anant Dhara, Isidor Baptista Road, Margao-Goa. Ph.: Lab : 2730801 / 02 Res. : 2738065

## CERTIFICATE

31-05-2017

*This is to certify that Ms Raissa Fernandes has worked as an Intern in this laboratory from 10<sup>th</sup> May to 30<sup>th</sup> May 2017 for a total of 130 hrs*

*She has worked satisfactorily in Hematology, Clinical Pathology and Biochemistry sections during this period*

Dr. Mohan Pai Raiker

Reg. 0803 (GMC)

DR. RAIKER'S PATHOLOGY LABORATORY

Of 9, 11, Anantdhara Bldg., Isidore Baptista

Margao, Goa.



Dr. Mohan Pai Raiker

M.D.

**VIEGAS PET CLINIC (S)**  
**DR. ANEESH GVJ VIEGAS**  
**GSVC-123. MVScVET.MED**  
**MOBLIE NUMBER: 9823124400**  
**INTERNSHIP FOR THE YEAR 2017**

**REAGAN ANTHONY FERNANDES**  
**ROLL NUMBER: SU150214**  
**CONTACT NUMBER: 8975544417**

34.	4 JUNE			
35.	5 JUNE			
36.	6 JUNE			
37.	7 JUNE			
38.	8 JUNE			
39.	9 JUNE			
40.	10 JUNE			

**Total hours completed =** 168 hours

**Signature of the student =** *Fernandes*

**Signature of the doctor =** *Dr. Neysa Durg*

**Remark =**

**DR. ANEESH G. VIEGA**  
**(M. V. Sc. Medicine**  
**Veterinary Physician**  
300 10 11 10



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## **INTERNSHIP CERTIFICATE**

Sr. No. **57**

This is to certify that Mr. / Ms. Shubham Mabari has undergone internship in **Pathological Techniques** involving Phlebotomy, routine analysis of blood and urine & **Genetic Techniques** involving Karyotyping of human chromosomes at Genetic Research Lab and Rajagiri Victor hospital for a period of 184 hours in November / May 2016 - 2017.

  
**Dr. Nandini Vaz Fernandes**

**Course Co-ordinator**

Date of issue





**Dr. Nandkumar Sawant**

**Principal**



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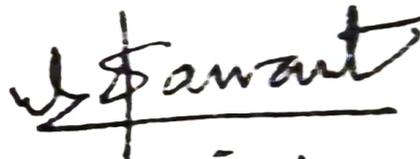
# INTERNSHIP CERTIFICATE

Sr. No. **33**

This is to certify that Mr. / Ms. Sreedon Fernandes has undergone  
internship in **Pathological Techniques** involving Phlebotomy, routine analysis of blood  
and urine at Genetic Research Lab and Rajagini Victor hospital  
for a period of 164 hours in November / May 2016-2017.

  
**Dr. Nandini Vaz Fernandes**  
Course Co-ordinator



  
**Dr. Nandkumar Sawant**  
Principal

Date of issue: 20 DEC 2016



GOVERNMENT OF INDIA  
Ministry of Environment, Forest and Climate Change  
ZOOLOGICAL SURVEY OF INDIA

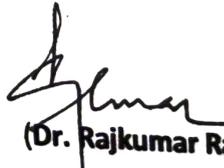
F.No 4-49/2015/Tech./422

9 June 2017

Certificate

This is to certify that Ms. Soumya Santhosh, BSc student of Parvatibai Chowgule College of Arts and Science, P. O. Fatorda, Gogol-Margao, Goa 403602, has interned with us from 18 May to 9 June 2017. Ms. Sowmya, during this tenure has learned from the scientists of this Centre, and developed expertise on the taxonomic skills necessary to the identification marine fauna, including, protozoa, meio-benthos, corals, mollusca, echinodermata, fishes and reptiles. She has put in a total of 144 hours of effort to attaining this feat.



  
(Dr. Rajkumar Rajan)

Scientist-D

प्रभारी अधिकारी

Officer-in-Charge

समुद्रीय जीव विज्ञान क्षेत्रीय केंद्र

Marine Biology Regional Centre

भारतीय प्राणी सर्वेक्षण,

Zoological Survey of India

चेन्नई-600028

Chennai - 600028



Marine Biology Regional Centre 130, Santhome High Road, Chennai – 600 028

Tel.: 044- 24642680/24641577/24643191 » Fax.: 044-24642680 » Email: zsimbc@gmail.com



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## **INTERNSHIP CERTIFICATE**

Sr. No. **37**

This is to certify that Mr. / Ms. Vaishnavi Prabhu has undergone internship in **Pathological Techniques** involving Phlebotomy, routine analysis of blood and urine & **Genetic Techniques** involving Karyotyping of human chromosomes at Genetic Research Lab and Dr. Mahesh Raiker's Path. Lab hospital for a period of 184 hours in November+May 2016-2017.

**Dr. Nandini Vaz Fernandes**  
**Course Co-ordinator**

Date of issue



**Dr. Nandkumar Sawant**  
**Principal**



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# INTERNSHIP CERTIFICATE

Sr. No.

29

This is to certify that Mr. / Ms. Volita Gaurcar has undergone internship in **Pathological Techniques** involving Phlebotomy, routine analysis of blood and urine at Genetic Research Lab and Trinanti hospital for a period of 140 hours in November / May 2016 - 2017.

**Dr. Nandini Vaz Fernandes**  
*Course Co-ordinator*

Date of issue: 22 DEC 2017



**Dr. Nandkumar Sawant**  
*Principal*



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## INTERNSHIP CERTIFICATE

Sr. No. **01**

This is to certify that Mr. / Ms. Zota R. Fernandes has undergone  
internship in **Genetic Techniques** involving Phlebotomy, Karyotyping of human  
chromosomes at Genetic Research Lab and Rajagin Victor  
for a period of 167 hours in ~~November~~ / May 2016 - 2017



**Dr. Nandini Vaz Fernandes**  
Course Co-ordinator

Date of issue:

22/05/17



Dr. Nandini Vaz Fernandes

Principal



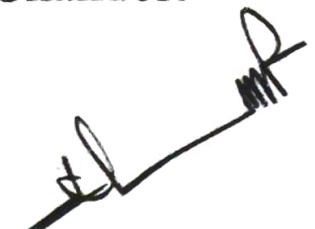
**Parvatibai Chowgule College of Arts and Science**

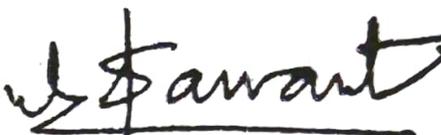
Accredited by NAAC with Grade 'A' (CGPA Score 3.41 on a 4 point Scale)  
Best affiliated College-Goa University Silver Jubilee Year Award



## INTERNSHIP CERTIFICATE

This is to certify that ~~Mr~~ /Ms. Vaibhavi Naik has undergone internship in Biodiversity documentation work of 'People's Biodiversity Register (PBR)' for the Technical support Group of Parvatibai Chowgule College. The work involved field survey/ field work for documentation of the natural and biological resources in the village of Chandor.

  
**Dr. Nandini Vaz Fernandes**  
*PBR-Chandor Incharge*

  
**Dr. Nandkumar Sawant**  
*Principal/ TSG Co-ordinator*

Date of issue: **21-02-2018**

*The study of Maturation and Spawning  
of the Seabass (*Lates calcarifer*) along  
Goa coast, India.*



**PROJECT BY**

1. *Mr. Joel Meleston Sequeira*
2. *Ms. Rosmy Selica Rodrigues*
3. *Ms. Wilona Neves Gauncar*
4. *Ms. Viana Colaco*
5. *Ms. Dilasha Shinde*

*T.Y.Bsc Zoology*

*Under the guidance of Mr. K.N.Mishra  
Parvatibai Chowgule College of Arts and Science.*

## DECLARATION

We declare that the project entitled “The study of Maturation and Spawning of the seabass (*Lates calcarifer*) along Goa coast, India” is carried out by us and to the best of our knowledge; it has not previously formed the basis for the award of any diploma or degree by Goa University or elsewhere.

Class: T.Y.B.Sc (Zoology/2016-17)

<u>ROLL NO:</u>	<u>NAME</u>	<u>SIGNATURE</u>
1407061438	Mr. Joel Meleston Sequeira	Sequeira
1407061278	Ms. Rosmy Selica Rodrigues	Rodrigues
1407061298	Ms. Wilona Neves Gauncar	Gauncar
1407061439	Ms. Viana Colaco	Colaco
1407061444	Ms. Dilasha Shinde	Shinde

Examined  
Only 25.03.2017