



CSIR-CENTRAL LEATHER RESEARCH INSTITUTE
(Council of Scientific & Industrial Research)
Adyar, Chennai 600 020 India

Dr. G C Jayakumar
Scientist
Centre for Academic and Research Excellence

27/05/2019

Certificate of Completion

This is to certify that **Mr.Arun Raja.A.G**, M.Sc Chemistry of LOYOLA COLLEGE CHENNAI, has done his Internship on the topic “**CHARACTERIZATION OF SISAL FIBRES**” at CSIR-Central Leather Research Institute, Adyar, Chennai under my guidance for the period between 22th APRIL 2019 and 27th MAY 2019. During the training he demonstrated good working skill with a good self motivated attitude to learn new things. Throughout, the training period the conduct of trainee was found to be good.

Dr. M.G. JOHNSON
ASSC. PROF. & HEAD
DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS)
CHENNAI - 600 034.

G.C. Jayakumar
(G.C.JAYAKUMAR)

डॉ. जी.सी. जयकुमार Dr. G.C. JAYAKUMAR
वैज्ञानिक Scientist
मानद संकाय, अण्णा विश्वविद्यालय
Honorary Faculty, Anna University
मानव संसाधन एवं संगठनात्मक विकास केन्द्र (कॉर्ड)
Centre for Human & Organizational Resources Development (CHORD)
सीएसआईआर - केन्द्रीय चर्म अनुसंधान संस्थान
CSIR - CENTRAL LEATHER RESEARCH INSTITUTE
अडयार, चेन्नई Adyar, Chennai-600 020



डॉ. मो. सायेम आलम **Dr. Md. Sayem Alam**

वरिष्ठ वैज्ञानिक Senior Scientist

पॉलीमर साइंस और प्रौद्योगिकी प्रयोगशाला Polymer Science &

Technology Laboratory

सीएसआईआर-केन्द्रीय चमड़ा अनुसंधान संस्थान CSIR-Central

Leather Research Institute

(वैज्ञानिक और औद्योगिक अनुसंधान परिषद Council of Scientific &

Industrial Research)

अड्यार, Adyar, चेन्नई Chennai - 600 020, भारत INDIA.

☎ : + 91 44 24437106 EXT: 7106

Fax: +91 44 24911589

E-mail: sayem@clri.res.in;

sayemalam@gmail.com

Dated: 31st July, 2019

CERTIFICATE

This is to certify that **Mr. MATHANA GOPALAN A (DEPT. No: 18-PCH-002, M. Sc. Chemistry, Loyola College, Chennai - 600034)** successfully completed an internship programme on '*Micellization Behaviour of Amphiphilic Drug, Amitriptyline Hydrochloride: Effect of Acidic Amino Acid and Temperature*' at Department of Polymer Science & Technology, CSIR-CLRI, Adyar, Chennai- 600020 from 22/04/2019 to 30/05/2019.

During this period his performance and conduct was **GOOD**.

I wish all the best for his future endeavour.

Dr. M.G. JOHNSON

ASSC. PROF. & HEAD

DEPARTMENT OF CHEMISTRY

LOYOLA COLLEGE (AUTONOMOUS)

CHENNAI-600 034.

(Dr. Md Sayem Alam)

डॉ. मो. सायेम आलम **Dr. MD. SAYEM ALAM**

वरिष्ठ वैज्ञानिक Senior Scientist

पॉलीमर विज्ञान एवं प्रौद्योगिकी प्रभाग

Polymer Science & Technology Division

सीएसआईआर - केन्द्रीय चर्म अनुसंधान संस्थान

CSIR - Central Leather Research Institute

अड्यार, चेन्नई Adyar, Chennai-600 020.

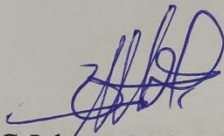
CERTIFICATE

This is to certify that **Mr.A.J.JOEL CLINTON**(18-PCH-003),
I year M.Sc Chemistry in Loyola college (Autonomous) Chennai-34
has successfully undergone Industrial/Research Internship program at
Chemical Engineering Lab in CSIR - CLRI From 25/04/2019 to
31/05/2019.

Place : Chennai

Date: 06/08/2019

Dr.J.Judith vijaya M.Sc, Ph.D
Internship In-charge
Dept .of .Chemistry
Loyola College


Dr.M.G.Johnson M.Sc., Ph.D.,
Head of the Department
Dept .of .Chemistry
Loyola College

Dr. M.G. JOHNSON
ASSC. PROF. & HEAD
DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS)
CHENNAI-600 034.

Dr.A.Sivasamy M.Sc., M.Phil., Ph.D.,
Senior Principal Scientist & Prof. AcSIR
Chemical Engineering Area (CLRI)



CSIR-CENTRAL LEATHER RESEARCH INSTITUTE
(Council of Scientific & Industrial Research)
Adyar, Chennai 600 020 India


Dr. G C Jayakumar
Scientist
Centre for Academic and Research Excellence

27/05/2019

Certificate of Completion

This is to certify that **Ms. Shravanti.T**, M.Sc Chemistry of LOYOLA COLLEGE CHENNAI, has done her Internship on the topic "**PREPARATION AND CHARACTERIZATION OF LIPID PROTEIN MESOPOROUS PARTICLES**" at CSIR-Central Leather Research Institute, Adyar, Chennai under my guidance for the period between 22th APRIL 2019 and 27th MAY 2019. During the training she demonstrated good working skill with a good self motivated attitude to learn new things. Throughout, the training period the conduct of trainee was found to be good.

Dr. M.G. JOHNSON
ASSC. PROF. & HEAD
DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS)
CHENNAI - 600 034.


G.C. Jayakumar
(G.C. JAYAKUMAR)

डॉ. जी.सी. जयकुमार Dr. G.C. JAYAKUMAR
वैज्ञानिक Scientist
मानव संकाय, अण्णा विश्वविद्यालय
Honorary Faculty, Anna University
मानव संसाधन एवं संगठनात्मक विकास केन्द्र (कॉर्ड)
Centre for Human & Organizational Resources Development (CHORD)
सीएसआईआर - केन्द्रीय चर्म अनुसंधान संस्थान
CSIR - CENTRAL LEATHER RESEARCH INSTITUTE
अड्यार, चेन्नई Adyar, Chennai-600 020



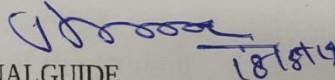
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(“NAVARATNA”)
(GOVERNMENT OF INDIA ENTERPRISE)
NEYVELI- 607807,
TAMIL NADU.

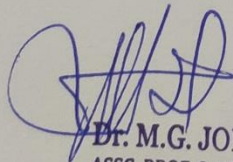
CERTIFICATE

This is to certify that this internship work entitled **“A STUDY ABOUT ENVIRONMENT ISSUES {AIR & WATER}** is a bonafide record submitted by **R.SOWMYA** in the partial fulfilment of the requirement for the award of the **“Master Degree in chemistry”** from **Loyola College** affiliated to **University of Madras, Chennai**. The internship work is a bonafide work done during the period between 22.04.2019 to 18.05.2019 at **CARD, NLCIL, Neyveli**.

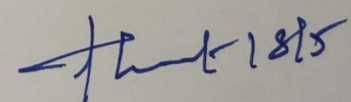

EXTERNAL GUIDE
G. THIRUMURUGAN
ACM/ENVIRONMENT/CARD
NLCIL,
NEYVELI

G. THIRUMURUGAN,
Addl. Chief Manager/Chemical,
CARD, NLC Ltd., Neyveli-7.

Permitted to submit this internship work report to College/University Authorities



Dr. M.G. JOHNSON
ASSC. PROF. & HEAD
DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS)
CHENNAI - 600 034.


CHIEF MANAGER

LEARNING AND DEVELOPMENT CENTRE

NLCIL, NEYVELI

A.KATHIRVEL
Chief Manager
L&DC NLC India Limited



interMed

(Government Recognized Export House)

FACTORY : # 4, G.K. INDUSTRIAL ESTATE, ARCOT ROAD, PORUR, CHENNAI - 600 116.
TEL : 91-044-2386 0360 / 2476 6460 FAX : 91-044-42180932
E-mail : adminchennai@intermedindia.com

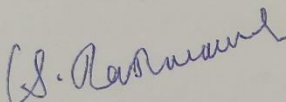
05.06.2019

CERTIFICATE

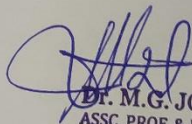
This is to certify that Mr. WILSON M S studying M.Sc
CHEMISTRY in LOYOLA COLLEGE(AUTONOMOUS) – 600 034 has
under gone In Plant Training from 02.05.2019 to 29.05.2019 in our
organization in the Departments of Production, Quality Assurance and
Quality Control.

We wish him all SUCCESS in future career.

For INTERMED


S. RATHINA KUMAR
AUTHORISED SIGNATORY




Dr. M.G. JOHNSON
ASSC. PROF. & HEAD
DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS)
CHENNAI - 600 034.



सीएसआईआर - राष्ट्रीय रासायनिक प्रयोगशाला

(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद)

डॉ. होमी भाभा मार्ग, पुणे - 411 008, भारत



CSIR - NATIONAL CHEMICAL LABORATORY

(Council of Scientific & Industrial Research)

Dr. Homi Bhabha Road, Pune - 411 008, India

CERTIFICATE

This is to certify that Ms. Monica Denise R. student of M.Sc. in chemistry, Department of Chemistry, Loyola College, University of Madras, Chennai, carried out the summer project entitled "Mikto-arm Star Polymer Synthesis via Click Reaction" under the guidance of Dr. Prakash P. Wadgaonkar, Chief Scientist, Polymer Science and Engineering Division, CSIR- National Chemical Laboratory Pune. This work carried out during period April to June 2019.

The work carried out under this project is to be used only for academic purpose and prior permission of CSIR-NCL Pune is required before publishing this work.

We wish all the best her for future endeavors.

Date: 28-06-2019

Place: Pune.

Prakash P. Wadgaonkar

Project Supervisor

Shivshankar R. Mane

Co-Supervisor

Dr. M.G. JOHNSON
ASSC. PROF. & HEAD
DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS)
CHENNAI - 600 034.

Communication Channels

NCL Level DID : 2590
NCL Board No. : +91-20-25902000
EPABX : +91-20-25893300
: +91-20-25893400



FAX

Director's Office : +91-20-25902601
COA's Office : +91-20-25902660
SPO's Office : +91-20-25902664

WEBSITE

www.ncl-india.org



NLC INDIA LIMITED

“NAVARATNA”- GOVERNMENT OF INDIA ENTERPRISE

NEYVELI- 607801. TAMIL NADU.

CERTIFICATE

This is to certify that this internship work entitled “**STUDY ON QUALITY OF TPS-II EFFLUENT**” is a bonafide record submitted by **AROCKIA VIJAY PRAKASH S** in the partial fulfilment of the requirement for the award of the “**Master Degree in CHEMISTRY**” from **LOYOLA COLLEGE** affiliated to **MADRAS UNIVERSITY**,. The internship work is a bonafide work done during the period between 2.05.2019 to 22.05.2019 at CARD, NLCIL, and Neyveli.

S. Prabakaran
S. PRABAKARAN, CPF No: 29781
EXTERNAL GUIDE /Sci./CARD,
By: S. Prabakaran
NLC India Ltd., Neyveli-607 807
Mr. S.PRABAKARAN,
DCM/SCI/CARD,
NLCIL LIMITED,
NEYVELI.

Permitted to submit this internship work report to College/University Authorities.

M.G. Johnson
Dr. M.G. JOHNSON
ASSC. PROF. & HEAD
DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS)
CHENNAI -600 034.

K. Pandiyan
12/5/19
CHIEF MANAGER,
LEARNING AND DEVELOPMENT CENTRE,
NLCIL, NEYVELI.
K.PANDIYAN
Addi. Chief Manager
Learning and Development Centre
NLC India Limited, Neyveli-3.



E.D. 912. The Salem District
Co-operative Milk Producer's Union Ltd.,

Sithanur, Thalavaipatti P.O., Salem-636 302. Tamilnadu
Mobile No. : 73737 04800, 73737 04802 Fax : 0427-2386871
Email : aavinslm@gmail.com
GST : 33AAAAT3146P1ZA

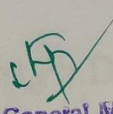
Ref. No. 3719/Estt/TC/2019

Date: 13.06.2019

CERTIFICATE

This is to certify that **R.K. Nathiya**, *1st year, M.Sc.,*
(Chemistry) student of *Loyola College(Autonomous),*
Nungambakkam, Chennai District undergone *Internship Training*
in Salem Dairy from 29.04.2019 to 28.05.2019.

Dr. M.G. JOHNSON
ASSC. PROF. & HEAD
DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS)
CHENNAI-600 034.


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

CERTIFICATE

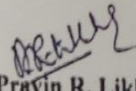
This is to certify that **Mr. Mario Prayson** student of M.Sc in Chemistry, Department of Chemistry, Loyola College, University of Madras, Chennai has been carried out the dissertation project entitled "Synthesis of Nano-Materials Catalytic Studies " under the guidance of **Dr. Pravin R. Likhari**, Senior Principle Scientist, Catalysis and Fine Chemicals Department, CSIR-Indian Institute of Chemical Technology, Hyderabad, the work carried out during period of April to June-2019.

The work carried out under this project is to be used only for academic purpose and prior permission of CSIR-IICT is required before publishing of this work.

We wish all the best her for future accomplishments.

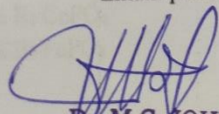
Date: 24-06-2019

Place: Hyderabad.


[Dr. Pravin R. Likhari]

Project Supervisor

Email: plikhar@csiriict.in / Website: www.iictindia.org


Dr. M.G. JOHNSON
ASSC. PROF. & HEAD
DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS)
CHENNAI -600 034.

डॉ. प्रविण आर. लिखार
Dr. PRAVIN R. LIKHAR
अध्यक्ष व वरिष्ठ प्रधान वैज्ञानिक / Chair & Sr. Principal Scientist
Department of Catalysis & Fine Chemicals
सीएसआईआर-भारतीय रासायनिक प्रौद्योगिकी संस्थान
CSIR-Indian Institute of Chemical Technology
(Ministry of Science and Technology, Govt. of India)
Tamaka, Hyderabad - 500 007, Telangana State, INDIA



**International and Interuniversity
Centre for Nanoscience and Nanotechnology
Mahatma Gandhi University**

Priyadarshini Hills

Kottayam-686 560, Kerala, India

Telephone: 91-9447223452 (Mobile), 91-481-2730003 (Office)

E-mail: sabuthomas@mgu.ac.in

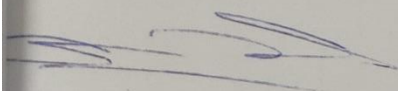
Prof. Dr. SABU THOMAS PhD, FRSC
Founder Director & Professor

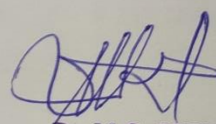
14th June 2019

66/2019

CERTIFICATE

This is to certify that the internship report entitled “ **SYNTHESIS AND CHARACTERISATION OF EUROPIUM DOPED YTTRIUM DISILICATE NANOPHOSPHOR PREPARED BY HYDROTHERMAL METHOD**” is an authentic record of the work carried out by **Franklin A Madukkakuzhy, Loyola College Chennai** from 01.05.2019 to 07.06.2019 under my guidance and supervision at the International and Inter University Centre for Nanoscience and Nanotechnology, Mahatma Gandhi University, Kottayam , Kerala.


Prof.Sabu Thomas


Dr. M.G. JOHNSON
ASSC. PROF. & HEAD
DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS)
CHENNAI-600 034.



Tamilnadu Medicinal Plant Farms & Herbal Medicine Corporation Ltd.

No C 29, Sidco Industrial Estate, Tiruporur, Kanchipuram - 603110, Alathur

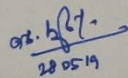
CERTIFICATE

To whomsoever it may concern

This is to certify that **Mr. R. SARGUNAM**, Reg. No. 18- PCH-012, M.Sc. Chemistry, First Year, Department of Chemistry, Loyola College, Nungambakkam, Chennai, has successfully completed his internship in our Quality Assurance / Control Department, Tamilnadu Medicinal Plant Farms & Herbal Medicine Corporation Ltd. on this 28th day of May 2019. The period of the program is from 06.05.2019 to 28.05.2019. He was keen and involved himself in this internship program best suitable for his curriculum. We wish him success in all his future endeavours.


TAMILNADU MEDICINAL PLANT FARMS & HERBAL MEDICINE CORPORATION LTD.
C-29, SIDCO INDUSTRIAL ESTATE
ALATHUR, TIRUPORUR-603 110

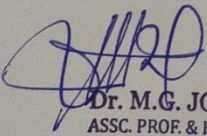
(FACTORY SEAL)


28.05.19
FACTORY MANAGER

Place: Alathur, Kanchipuram

Date: 28/05/2019


GENERAL MANAGER


Dr. M.G. JOHNSON
ASSC. PROF. & HEAD
DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS)
CHENNAI-600 034.

General Manager
Tampcol
Anna Hospital Campus,
Arumbakkam, Chennai - 106.

Phone : 044 - 27444435 , 044 - 27444458

Website : www.tampcol.in



आईआरईएल (इंडिया) लिमिटेड फोन

IREL (India) Limited

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04651-237256

(भारत सरकार का उपक्रम)

04651-237257

(A Govt. of India Undertaking)

04651-237258

मणवालकुरिचि, कन्याकुमारी जिला, तमिलनाडु - 629 252 फैक्स

Manavalakurichi, Kanyakumari Dist. Tamil Nadu -629 252 Fax: 04651-237220

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

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1991

June 06, 2019

प्रमाण - पत्र / CERTIFICATE

This is to certify that Shri P. ANSTON FENO, II Year, M.S.c (CHEMISTRY) student of LOYOLA COLLEGE, CHENNAI has undertaken the internship training in IREL (India) Limited, Manavalakurichi on the subject of A STUDY ON "CHEMICAL ANALYSIS OF MINERAL SEPARATION IN IREL (INDIA) LIMITED, MK" during the period from 16.05.2019 to 04.06.2019.

This certificate is issued for the limited purpose of submission to LOYOLA COLLEGE, CHENNAI as proof of internship training, as part of his course curriculum.

Chief Manager (HRM)



Dr. M.G. JOHNSON

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

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

DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS)
CHENNAI-600 034.



UNIVERSITY OF MADRAS
NATIONAL CENTRE FOR NANOSCIENCE AND NANOTECHNOLOGY
Guindy Campus,
Chennai 600 025, Tamil Nadu, India.

Dr. D. RAVI SHANKARAN
Associate Professor

E. mail: dravishankaran@hotmail.com
dravishankaran@unom.ac.in
Tel.: +91-44-22202720 Mobile: 9487974004

01-07-2019

CERTIFICATE OF INTERNSHIP

This is to certify that, **Ms. W. ANJELINE** (Dept No.18-PCH- 014), M.Sc. Student of the Department of Chemistry, Loyola College, Chennai has carried out her internship project on the topic entitled "GREEN SYNTHESIS OF FLUORESCENT CARBON QUANTUM DOTS FROM PSEUDO STEM OF BANANA" under my guidance at the Nano-Bio Materials and Sensors Laboratory, National Centre for Nanoscience and Nanotechnology (NCNSNT), University of Madras, Guindy Campus, Chennai. She has done her internship for the period of one month (06-05-2019 to 07-06-2019).

DR. M.G. JOHNSON
ASSC. PROF. & HEAD
DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS)
CHENNAI-600 034.

(D. RAVI SHANKARAN)



No: 107-DB/RCD/2019-20/WG/ 1304

Andaman & Nicobar Administration

कार्यपालक अभियंता का कार्यालय

Office of the Executive Engineer

सडक निर्माण मण्डल Road Construction Division

अण्डमान लोक निर्माण विभाग Andaman Public Works Dept.

विम्बर्लीगंज Wimberly Gunj.

Wimberly Gunj dated the 7th June 2019

To whomsoever it may concerned

This is to certify that Miss Priya Bright a student of 1st Year Msc in Chemistry from Loyala College, Nungabakkam, Chennai who imparted summer internship training in this division from 08/05.2019 to 31/05/2019.

During the course of training she found sincere and punctual, and wishes my best for her success.

Dr. M.G. JOHNSON
ASSC. PROF. & HEAD
DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS)
CHENNAI - 600 034.

To

Miss Priya Bright
Student 1st Year Msc in Chemistry
Loyala College,
Nungabakkam,
Chennai

7.6.19
Executive Engineer
EXECUTIVE ENGINEER
Road Construction Division
APWD, Wimberlygunj
RCD, APWD, WIMBERLY GUNJ
South Andaman





INDIAN INSTITUTE
OF TECHNOLOGY
PALAKKAD

Summer Internship 2019

Indian Institute of Technology
Palakkad

This is to certify that Mr./Ms. S. N. Kanimozhi
has worked on the project Synthesis & Characterisation
of Perovskites for 45 days during the months
of May - June 2019 as a Summer Research Fellow
under the supervision of Dr. Dinesh Jagadesan
of this Institute. His/Her performance during this period has
been judged to be excellent/~~good~~/satisfactory.

Place : Palakkad
Date : 28.06.2019

K L Selvan
Dean Academic Research

K L Selvan
for Director

Dr. M.G. JOHNSON
ASSC. PROF. & HEAD
DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS)
CHENNAI-600 034.





CERTIFICATE

This is to certify that the internship report entitled “ $S_3N_3^+$ INORGANIC 8π SYSTEM – A THEORETICAL STUDY” is an authentic record of the work carried out by **Ms. NALINA ROY** (Dept. No: 18-PCH-017) from LOYOLA COLLEGE (Autonomous), CHENNAI and she has successfully completed summer internship programme from 6th May 2019 to 4th June 2019 under my guidance and supervision at the Department of Applied Chemistry, Cochin University of Science and Technology, Kerala. The present work or any part thereof has not been submitted to any other university or institution for the award of any degree and diploma.

DR. M.G. JOHNSON
ASSC. PROF. & HEAD
DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS)
CHENNAI-600 034.

Place: Kochi-22

Date: 4 June 2019

Dr. Susmita De

Assistant Professor

Department of Applied Chemistry

Dr. Susmita De
Assistant Professor
Department of Applied Chemistry
Cochin University of Science and Technology
Kochi - 682022, Kerala, India





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TEL : 91-044-2386 0360 / 2476 6460 FAX : 91-044-42180932
E-mail : adminchennai@intermedindia.com

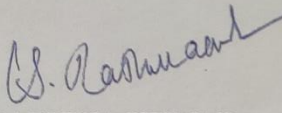
05.06.2019

CERTIFICATE

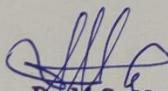
This is to certify that Mr. ARUL RAJ A studying M.Sc CHEMISTRY
in LOYOLA COLLEGE(AUTONOMOUS) – 600 034 has under gone In
Plant Training from 02.05.2019 to 29.05.2019 in our organization in the
Departments of Production, Quality Assurance and Quality Control.

We wish him all SUCCESS in future career.

For INTERMED


S. RATHINA KUMAR
AUTHORISED SIGNATORY




DR. M.G. JOHNSON
ASSC. PROF. & HEAD
DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS)
CHENNAI-600 034.



Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram 695014, Kerala State, India.
An Autonomous National Institute for Discovery, Innovation & Translation
in Biotechnology and Disease Biology,
Government of India, Ministry of Science & Technology, Department of Biotechnology.

राजीव गाँधी जैव प्रौद्योगिकी केन्द्र, तिरुवनन्तपुरम 695 014, केरल, भारत.
जैवप्रौद्योगिकी और रोग जीवविज्ञान में आविष्कार, नवीनता एवं अनुवाद
की स्वायत्त राष्ट्रीय संस्थान,
भारत सरकार विज्ञान एवं प्रौद्योगिकी मंत्रालय, जैवप्रौद्योगिकी विभाग.

G.S. Vinod Kumar
Scientist

CERTIFICATE

This is to certify that the project report entitled “Synthesis of a Self-Aggregating Tumor Targeting Peptide by Solid Phase Peptide Method” is an authentic record of one month project work done by Ms. Ritty Mohan under my supervision and guidance in partial fulfillment of the requirement for the degree of M.Sc in Chemistry.

DR. M.G. JOHNSON
ASSC. PROF. & HEAD
DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS)
CHENNAI-600 034.

U. H.
May 31st 2019

तैक्काट पी.ओ., पूजप्पुरा, तिरुवनन्तपुरम - 695 014, केरल, भारत. फोन: 0471-2529400 (30 लाईन्स), 2347975, 2348104, 2348753, 2345899

फैक्स: 0471-2348096, ई-मेल: director@rgcb.res.in, info@rgcb.res.in, वेब: www.rgcb.res.in

Thycaud P.O., Poojappura, Thiruvananthapuram - 695 014, Kerala, India. Phone: 0471-2529400 (30 Lines), 2347975, 2348104, 2348753, 2345899
Fax: 0471-2348096, E-mail: director@rgcb.res.in, info@rgcb.res.in, Web: www.rgcb.res.in

TO WHOMSOEVER IT MAY CONCERN

MS. KARTHIKA P.A. MASTER OF SCIENCE IN CHEMISTRY

student from Loyola College (autonomous), Chennai, worked with me on

“Synthesis of Highly Flexible Styrene-Butadiene Rubber” was carried

out during 16-04-2019 to 22-05-2019. She is highly efficient and

hardworking. I wish her all the best.

(Dr. M. Suguna Lakshmi)

डॉ. एम. सुगुणलक्ष्मी Dr. M. SUGUNA LAKSHMI
वरिष्ठ प्रधान वैज्ञानिक Senior Principal Scientist
पॉलीमर विज्ञान एवं प्रौद्योगिकी प्रभाग
Polymer Science & Technology Division
सीएसआईआर - केन्द्रीय चर्म अनुसंधान संस्थान
CSIR - Central Leather Research Institute
अड्यार, चेन्नई Adyar, Chennai-600 020.

Dr. M.G. JOHNSON
ASSC. PROF. & HEAD
DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS)
CHENNAI-600 034.



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Date.....

DATE: MAY 20, 2019

TRAINING CERTIFICATE

THIS IS TO CERTIFY THAT MR AJAY JOSHVA L(18-PCH-023),
STUDENT OF M.Sc.,(CHEMISTRY), FROM LOYOLA COLLEGE
(AUTONOMOUS), CHENNAI, HAS UNDERGONE IN-PLANT
TRAINING IN OUR ORGANISATION DURING THE PERIOD
20.04.2019 TO 20.05.2019

V.SUDHAKAR

GENERAL MANAGER - QA



Dr. M.G. JOHNSON
ASSC. PROF. & HEAD
DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS)
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ICAR-INDIAN INSTITUTE OF SPICES RESEARCH

Kozhikode, Kerala -673012



CERTIFICATE

This is to certify that.....
Shilpa Sunny.....
.....
Loyola College Chennai.....

has successfully completed *Summer Internship Programme on Advanced Techniques*
in Microbiology, Biochemistry, Biotechnology and Bioinformatics conducted at

ICAR-IISR, Kozhikode during 01- 31 May 2019

Kozhikode
31 May 2019

Course coordinator

Dr. M.G. JOHNSON
ASSC. PROF. & HEAD
DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS)
CHENNAI-600 034.

Director



Tamilnadu Medicinal Plant Farms & Herbal Medicine Corporation Ltd.
No C 29, Sidco Industrial Estate, Tiruporur, Kanchipuram - 603110, Alathur

CERTIFICATE

To whomsoever it may concern

This is to certify that **Mr. XAVIER J**, Reg. No. 18- PCH-025, M.Sc. Chemistry, First Year, Department of Chemistry, Loyola College, Nungambakkam, Chennai, has successfully completed his internship in our Quality Assurance / Control Department, **Tamilnadu Medicinal Plant Farms & Herbal Medicine Corporation Ltd.** on this 28th day of May 2019. The period of the program is from 06.05.2019 to 28.05.2019. He was keen and involved himself in this internship program best suitable for his curriculum. We wish him success in all his future endeavours.

TAMILNADU MEDICINAL PLANT FARMS AND
HERBAL MEDICINE CORPORATION LTD.
C-29, SIDCO INDUSTRIAL ESTATE
ALATHUR, TIRUPORUR-603 110

(FACTORY SEAL)

02.6/21
28 05 19

FACTORY MANAGER

Place: Alathur, Kanchipuram

Date: 28/05/2019

Dr. M.G. JOHNSON
ASSC. PROF. & HEAD
DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS)
CHENNAI-600 034.

GENERAL MANAGER

General Manager
Tampcol
Anna Hospital Campus,
Arumbakkam, Chennai - 106.



CSIR-CLRI

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

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

CATERS

27.05.2019

CERTIFICATE

This is to certify that **Mr. Jeswin Joseph (Reg.No: 18-PCH-026), M.Sc. Chemistry, Loyola College** Successfully completed an Internship Programme on Chemical instrumentation techniques at CATERS Division, CSIR-CLRI, Adyar, Chennai-20 from 29/04/2019 to 27/05/2019.

KJ Sreeram

Head, CATERS

डॉ. के.जे. श्रीराम

Dr. K.J. SREERAM

प्रमुख, कैटर्स Head, CATERS
सीएसआईआर - केन्द्रीय चर्म अनुसंधान संस्थान
CSIR - CENTRAL LEATHER RESEARCH INSTITUTE
अडयार, चेन्नई Adyar, Chennai-600 020.

Dr. M.G. JOHNSON
ASSC. PROF. & HEAD
DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS)
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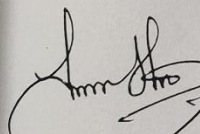
Date.....

DATE: MAY 20, 2019

TRAINING CERTIFICATE

THIS IS TO CERTIFY THAT MR YUVARAJ M(18-PCH-027),
STUDENT OF M.Sc.,(CHEMISTRY), FROM LOYOLA COLLEGE
(AUTONOMOUS), CHENNAI, HAS UNDERGONE IN-PLANT
TRAINING IN OUR ORGANISATION DURING THE PERIOD

20.04.2019 TO 20.05.2019


V.SUDHAKAR



GENERAL MANAGER - QA

Dr. M.G. JOHNSON
ASSC. PROF. & HEAD
DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS)
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(CHEMISTRY), FROM LOYOLA COLLEGE

(AUTONOMOUS), CHENNAI, HAS UNDERGONE IN-PLANT

TRAINING IN OUR ORGANISATION DURING THE PERIOD

20.04.2019 TO 20.05.2019

V.SUDHAKAR

GENERAL MANAGER – QA



DR. M.G. JOHNSON
ASSC. PROF. & HEAD
DEPARTMENT OF CHEMISTRY
LOYOLA COLLEGE (AUTONOMOUS),
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