

Affiliated to Mahatma Gendhi University Centre of Excellence under Govt. of Kerala Identified by UGC as College with Potential for Excellence

Tel: 0484-2352838, Fax: 0484-2363038 Website: principal@maharajas.ac.in www.maharajas.ac.in

Declaration

3.7.1

It is hereby certified that the following table provides the number of collaborative activities for research, faculty exchange, and student exchange during the last five years.

2018-19	2017-18	2016-17	2015-16	2014-15
19	17	04	04	02

Principal



3.7.1 Number of Collaborative activities for research, faculty exchange, student exchange per year

SI. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Participant	Source of financial support	Year of collaboration	Duration	Nature of the activity
1	Research project	Dept. of Chemistry, Cochin University of Science & Technology (CUSAT), Kerala	Jiya Jose and Athira A.S, students of M.Sc. Analytical Chemistry	Self Funding	2014-15	1 month	Research
2	Research Project	Hindustan Insecticide td.	Reshma Ambrose, student of M.Sc. Pharmaceutical Chemistry	Self Funding	2014-15	30 days	Research
3	FLAIR Programme	Anglia Ruskin University, UK	Smitha Madanan	ugc	2015-2016	25 days	Range of activities relating to FLAIR
4	International Collaborative Research	IIM, Ahamedabad	Dr Vineeth K M and Neena Merina, Maharajas College	IOM, Kuwait	2015-2016	1 year	District College Coordinatorr
5	Research Project	Integrated Rural Technology Centre (IRTC), Mundur, Palakkad	13 Students of B.Sc. Chemistry - Water Resource and management	Self Funding	2015-16	10 days	Research
6	TED Fellows Retreat	Asilomar Conference Grounds, California	Dr Jijo Pulickiyil Ulahannan (Dept of Physics, maharaja's College)	TED	2015-2016	30/8/2015 - 26/8/2019	Invited Participant at TED Fellows Retreat
7	Project work	FACT, Udyogamandal, Kerala	inshad V.H. and Sheethal T.H) of B.Sc. Chemistry - Environment and Water management	Self Funding	2016-17	10 days	Research 1
8	Research Project	Hindustan Insecticide td.	Haritha N.P., student of M.Sc. Pharmaceutical Chemistry	Self Funding	2016-17 COLLEGE E	90 days	Research

9	Research Project	Kerala University for Fisheries and ocean Studies (KUFOS), Ernakulam	Elsy K.S., M.Sc. Chemistry student	Self Funding	2016-17	1 month	Research
10	FLAIR Programme	University of Derby, UK	Dr Anna Abraham Pachayil, Dept of Economics	ugc	2016-2017	1 Month	Four Week Flair Internship Programme
11	Summer Research Fellowship	Indian Institute of Science Education and Research (IISER), Thiruvananthapuram	Aswin Kumar Mallya and Sumetha U Shenoy, Students of M.Sc. Chemistry	Self Funding	2017-18	1 month	Research
12	Research Project	Baba Atomic Research Centre, (BARC), Mumbai	2 students (Chinmay Jayraj and Shino Chacko) of M.Sc. Applied Chemistry	Self Funding	2017-18	30 days	Research
13	ASPIRE	St.Joseph's College, Devagiri, Kozhikode.	Fathima Zanbakh M.Sc. Botany Student	DCE, Govt of Kerala	2017-18	1Month	PG ASPIRE Research
14	Science Popularisation Programme	ICAR- Central marine Fisheries Research Institute, (CMFRI), Ernakulam, Kerala	Dr. Shyamkumar, Dept. of Botany	KSCSTE	2017-2018	1 year	Know Harmful Algal Blooms-Save life
15	M.Sc. Research Project	Dept. of Applied Chemistry, Cochin University of Science & Technology (CUSAT), Kerala	Aryamol Santhosh, M.Sc. Pharmaceutical Chemistry student	Self Funding	2017-18	1 month	Research
16	M.Sc. Research Project	Dept. of Physics, Cochin University of Science & Technology (CUSAT), Kerala	Nayana George and Greeshma George, M.Sc. Physics Students	Self Funding	2017-18	1 month	Research



17	B.Sc. Project work	KSCSTE- Centre for Water Resource Development and Management (CWRDM), Kozhikode, Kerala	Sreelakshmi M.S., Student of B.Sc. Chemistry - Water Resource and management	Self Funding	2017-18	10 days	Research
18	Science Popularisation Programme	Govt. College, Kottayam, Kerala	Dr. Shyamkumar, Dept. of Botany	KSCSTE	2017-2018	1 year	Know Harmful Algal Blooms-Save life
19	Faculty Exchange	Indian Council for Cultral Relations, Govt. of India, New Delhi	Dr. Liyaqath Ali Khan	Ministry of External Affairs	2017-18	Three years	Director, Moulana Azad Centre for Indian Culture, Cairo, Egypt
20	Internship	Kerala Institute of ocal administration (KILA), thrissur Kerala	21 students of Economics Honours	Self Funding	2017-18	14 days	Local level planning
21	Science Popularisation Programme	Kerala State Council for Science, Technology & environement, Thiruvananthapuram	Dr. Shyamkumar, Dept. of Botany	KSCSTE	2017-2018	1 year	Know Harmful Algal Blooms-Save life
22	Science Popularisation Programme	Kerala University for Fisheries and ocean Studies (KUFOS)	Dr. Shyamkumar, Dept. of Botany	KSCSTE	2017-2018	1 year	Know Harmful Algal Blooms-Save life
23	ASPIRE	Sree Sankaracharya University of Sanskrit, Kalady	Vani vengopal and Prima, Pradeep, Music students of Sree Sankaracharya University of Sanskrit, Kalady	DCE, Govt of Kerala	2017-18	1month	Research
24	ASPIRE	St. Teresas College, Ernakulam	3 Students (Sanila, Manjusha, Neethu)of M.Sc. Botany	DCE, Govt of Kerala	2017-18	30 days	Research
25	ASPIRE	St. Thomas College, Thrissur	Amrutha, Student of M.Sc. Botany	DCE, Govt of Kerala	2017-18	30 days	Research
26	ASPIRE	St. Peters College, Kollencherry	Savitha, Student of M.Sc. Botany	DCE, Govt of Kerala	2017-18	30 days	Research

27	ASPIRE	Sree Sankaracharya University of Sanskrit, Kalady	Petreeza Sabu, Music student of Sree Sankaracharya University of Sanskrit, Kalady	DCE, Govt of Kerala	2017-18	imonth	Research
28	Internship	FACT, Udyogamandal	22 students of Physics Instrumentation course	Self Funding	2018-19	14 days	On-Job Training programme
29	Internship	FACT, Udyogamandal	14 students of Physics Instrumentation course	Self Funding	2018-19	14 days	On-Job Training programme
30	Local governance	Kerala Institute of Local administration (KILA), thrissur Kerala	27 students of Economics	Self Funding	2018-19	14 days	Local level planning
31	Local governance	Kerala Institute of Local administration (KILA), thrissur Kerala	16 students of Economics Honours	Self Funding	2018-19	14 days	Local level planning
32	Internship	Ministry of statistics & Programme implimentation, Regional office, Kendriya Bhavan, Kozhikode	2 students (Jismy Joy and Angel Cherian) of M.Sc. Statistics	National Sample Survey office (NSSO)	2018-19	2 months	Research
33	Internship	Ministry of statistics & Programme implimentation, Regional office (South), Thiruvananthapuram	1 student of M.Sc. Statistics	National Sample Survey office (NSSO)	2018-19	2 months	Research
34	Internship	The Travancore- Cochin Chemicals Ltd.	2 students (Divya C. R and Dyuthi Sooraj) of Physics Instrumentation course	Self Funding	2018-19	15 days	On-Job Training programme
35	ASPIRE	St. Thomas College, pala	Jilu C John	DCE, Govt of Kerala	2018-19	30 days	Research

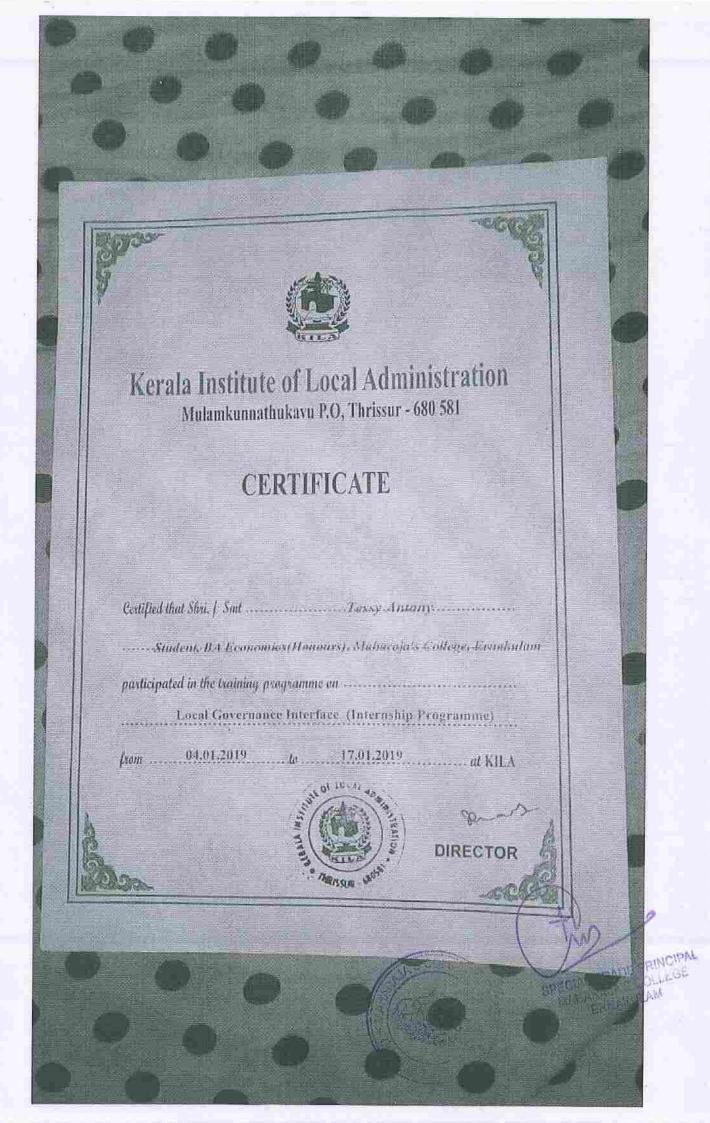
36	ASPIRE	Sree Sankaracharya University of Sanskrit, Kalady	Anju A C, Sanskrit student	DCE, Govt of Kerala	2018-19	4 months	Research
37	ASPIRE	Govt. College for Women, Thiruvanathapuram	2 students (Simi S and Sindhu V J), Hindi Students	DCE, Govt of Kerala	2018-19	1 month	Research
38	Winter School	National Archives of the Netherlands, Hague, Netherlands	Dr Bindu Sharmila T K	National Archives of the Netherlands	2018-19	10 days	Shared Cultural Heritage
39	Twining of Indo-US Foldscope project	Don Bosco College, Maram, Manipur	Dr S Shyamkumar, Dept of Botany	DBT	2018-19	1 year	Foldscope as a tool for harmful algal identification
40	Research project	Calicut Univerisity, Malapuram	Akhila P.A. and Ancy P.J, M.Sc. Physics students	Self Funding	2018-19	1 month	Research
41	Research Project	KSCSTE- Centre for Water Resources Development and Management (CWRDM), Kozhikode	8 Students of B.Sc. Chemistry - Water Resource and management	Self Funding	2018-19	30 days	Research
42	M.Sc. Project work	Baba Atomic Research Centre, (BARC), Mumbai	2 students (Chinmay Jayaraj and Shino Chacko) of M.Sc. Applied Chemistry	Self Funding	2018-19	1month	Research
43	ASPIRE	St.Teresa's College, Ernakulam	Neethi C Nair , Ph.D. Student of St. Teresas College, ernakulam	DCE, Govt of Kerala	2018-19	4 months	Research
44	M.Sc. Project work	Dept. of Physics, Cochin University of Science & Technology (CUSAT), Kerala	Greeshma George, M.Sc. Physics student	Self Funding	2018-19	1 month	Research
45	M.Sc. Project work	Dept. of Chemistry, Cochin University of Science & Technology (CUSAT), Kerala	Aryamol Santhosh, M.Sc. Pharmaceutical Chemistry student	Self Funding	2018-19	1 month	Research
46	FLAIR Orientation Programme	COLLEGIATE EDN DEPT	Jeena Mariot Xavier	Govt of Kerala	2018-19	1 day	FLAIR orientation



Kerala Institute of Local Administration Mulamkunnathukavu P.O, Thrissur - 680 581

CERTIFICATE

Certified that	Shri. Smt		Sreelakshi	ni.M.S
Stude	нь.ВА Есоноті	cs(Honour	s), Maharaja	's College, Ernukulam
participated	in the training pr	ogxamme on		***************************************
L	ocal Governanc	e Interface	(Internship	Programme)
from	04.01.2019	to	17.01.2019	at KILA
		of Control		DIRECTOR





VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN



[Autonomous]

SPONSORED BY: ANGAMMAL EDUCATIONAL TRUST.

An ISO 9001: 2008 Certified Institution
(Approved by AICTE, Affiliated to Perfore University and
Re-accordinal with 'A' grade by NAAC, Recognized under section 20) and 12(B) of UGC Act, 1956)
Elayampalayam - 637-205. Tiruchangode, Namakkal Dt., Tamil Nadu.

Phone: 04288 - 234560 (7 Lines), FAX: 04288 - 234033.

= VIVEKANANDHA :

Ref.No:040/OTH-FS/2018 Dr.B.T.Sureshkumar, M.Sc., M.Phil., Ph.D., Principal

Date: 20.11.2018

To

Dr.Shyam Kumar,
Assistant Professor,
Post Graduate & Research Department of Botany,
Maharajas College,
Ernakulum, Kerela.

Dear Dr. Shyam Kumar

Sub.: Twining of Poldscope project - regarding

Greetings from Vivekanandha College!

With reference to DBT- Foldscope email dated on 17/06/2018 of Reference No. BT/IN/Indo-US/Foldscope/39/2015 dated on 20/3/2018 for Foldscope project under DBT in connection with twining the project with other Institutions. Hereby, we inform you that Dr.C.Deepika Thenmozhi, Assistant Professor, Department of Biochemistry, Vivekanandha college of Arts and Sciences for Women (Autonomous), Elayampalayam, is interested in twinning the Foldscope project entitled "Diagnosis of bacterial contamination in Currency notes using Foldscope and to create awareness to the society" with You -Dr. Shyam Kumar, Assistant Professor, Post Graduate & Research Department of Botany, Maharajas College, Ernakulum, Kerela, Project entitled "Spot Identification of Harmful/Toxic algae in fresh water and Marine habitats using Foldscope"

Thanking you

PENCEPAL
PRINCIPAL
PRINCIPAL
VEKARANDHA COLLEGE OF ARTS ANI
SOLENCES FOR WOME* (Autonomous)
FLAYAMPALAYAM 637 205
**PUCHENGODE TK, NAMARKAL ITT
TAME NADU

SPECIAL GRADE PRINCIPAL MANARAJA'S COLLEGE ERNAKULAM

OCHIV

THE STATE OF THE S



VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN



LAutonomous 1
SPONSORED BY: ANGAMMAL EDUCATIONAL TRUST.
An 18O 9001: 2008 Certified Institution
(Approved by AICTE, Appliated to Perform University and
Resuccredited with 'A' grade by NAAC, Recognized under section 2(f) and 12(ft) of UGC Aet, 1956)
Elayampalayam - 537 205. Tiruchengode, Namankal Dt., Tamil Nadu,
Phone: 04288 - 234560 (7 Lines), FAX: 04288 - 234033.

VIVEKANANDHA

Ref.No:468/VICAS-ATTN-CERT/18-19

Dr.B.T.Sureshkumar, M.Sc., M.Phil., Ph.D., Principal Date: 08.02.2019

ATTENDANCE CERTIFICATE

This is to certify that Dr.SHYAM KUMAR, Assistant Professor, Department of Botany, Maharajas College, Eranakulam, Kerala, has delivered a Guest Lecture on "Spot Identification of Harmful / Toxic Algae in Fresh Water and Marine habitats" regarding Foldscope Twinning Programme in the Department of Biochemistry for the academic year 2018-2019 in our College on 08.02.2019.

Principal





THE TRAVANCORE - COCHIN CHEMICALS LTD.

(A KERALA GOVERNMENT COMPANY)

P.B. No. 4, UDYOGAMANDAL P.O., KOCHI - 883 501, KERALA. CIN:U24299KL1951SGC001237



HR/PW/1162/2019

16.05.2019

CERTIFICATE OF INTERNSHIP

This is to certify that Ms. Dyuthi Sooraj, a student of B. Sc Physics Instrumentation from Maharaja's College, Kochi – 682 011, has successfully completed an Internship in our company for a period of 15 days from 02.05.2019.

We wish all the best for her future.

Shibu S. Dev Manager (HR)





THE TRAVANCORE - COCHIN CHEMICALS LTD.

(A KERALA GOVERNMENT COMPANY)

P.B. No. 4, UDYOGAMANDAL P.O., KOCHI - 683 501, KERALA. CIN:U24299KL1951SGC001237



HR/PW/ 1162/2019

16.05.2019

CERTIFICATE OF INTERNSHIP

This is to certify that Ms. Divya C.R. a student of B. Sc Physics Instrumentation from Maharaja's College, Kochi – 682 011, has successfully completed an Internship in our company for a period of 15 days from 02.05.2019.

We wish all the best for her future.

MCALSON MORNING TO WATER TO A CONTROL TO THE CONTRO

SPECIAL GRADE PRINCIPAL MAHARAJA'S COLLEGE ERNAKULAM

Shibu S. Dev Manager (HR)







Joining Record
SilisisAsis[call Sta

As part the reference dated above. INLU C 20144 (CHETTI PARAMSH).

HOUSE NURVEI AND AD KOTTAYAM AURAVILAND, 20 55000 (Ketta) am Ketala). This joined in the ... Maharaja si
Cutalge ... with offset from ... DX job (2018). Fay less design internation of Aspite Scholarship.

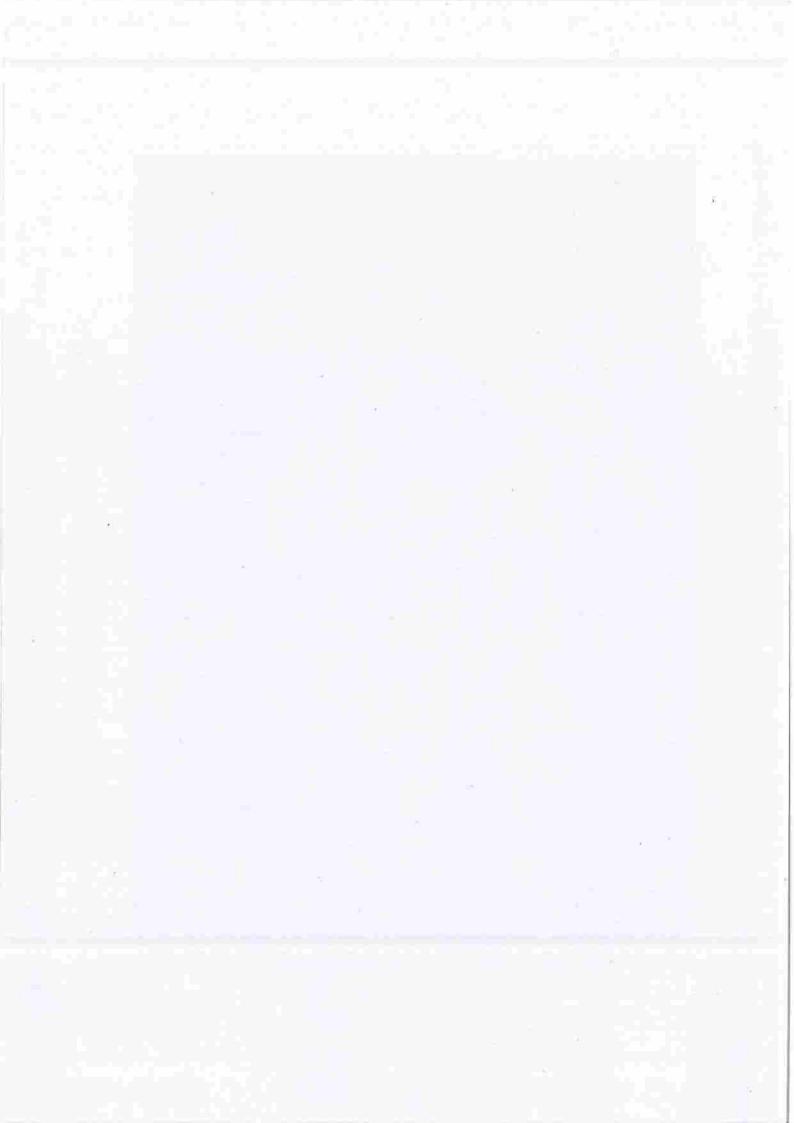
Precound Dayles of the institution MAHARAJAS - COLLEGE ERNONULAN

Date 01/02/17

Screen Name with the reason bett maraba

Page teleta

Period On 39/01/0619 13:41



Joining Report

St/1018A6/2018 Coll. Edn Dept, of 21.01.2019 Ref:Dated.......



Principal HOUAddress of the Institution
MAHARAJA'S COLLEGE
ESNAYULAM

(Office Seal)

Dale: 01.02 2019

IT Services National Informatics Center(NIC), Kerala

Page 1/(nb)

Printed On: 30/01/2019 13:17



SREE SANKARACHARYA UNIVERSITY OF SANSKRIT

(A Statutory Institution constituted by Government of Kerala)

(NAAC Accredited with A Grade)

KALADY, ERNAKULAM, KERALA-683574

Phone: 0484-2463380

DEPARTMENT OF SANSKRIT GENERAL

No DS-SG/ASPIRE/SSUS/2019

Date: 31-01-2019

RELIEVEING ORDER

Ref. Request from AMJU A.C. dated 31 DI 2019

Sri./ Sml. ANJU. A.C... Ph.D research scholar of this university has been selected for the ASPIRE Scholarship for the year 2019. Vide the request referred above ANJU. A.C. has requested to relieved from the Department to undertake Internship/project from ... MAHARAJAS. COLLEGIE. CRAINKILLAM.

She is directed to report before the Head of the Institution/ Department where is the internship/project work is planned to undertake and to obtain a joining report at the time of joining and order on completion of the project from the Head of the institution along with attendance statement for the period.

Proposition of the Charge

HOD, Sanskrit General SSUS, Kalady

TO THE PRINCIPAL
CODY TO MAHARAJAS COLLEGIE ERNAKULAM

- 1. The Head of the Department/ Host Institution
- 2 PS to Registrar

ESE ES

No

Institution Address

МЕМО

Sub: Coll.Edu.Aspire Scholarship-Selected Student-relieving Certificate-reg

\$1 \ \tag{0.1846} \ 2018 \ \tag{0.00} \ \tag{Edm.-\textsq} \\ \tag{0.19} \\ \tag{0.00} \\ \ta

You are selected for the Aspire Scholarship for the year 2018-19 based on your application and the Institution selected for doing the Project/Internship (Meharaja's College), you are requested to get relieved from your parent Department/Institution (Sree Sankaracharya University of Sanskrit, Kalady, PO, Ernakulam-683574) within three days of reciept of this Memo/SMS. After joining the host institution, joining report in the prescribed formal appended/enclosed should be forwarded to the Director of Collegiate Education within 7 days of joining.

DIRECTOR OF COLLEGIATE EDUCATION

(Sd/-)

Name : ANJU.A.C Date : 30/01/2019

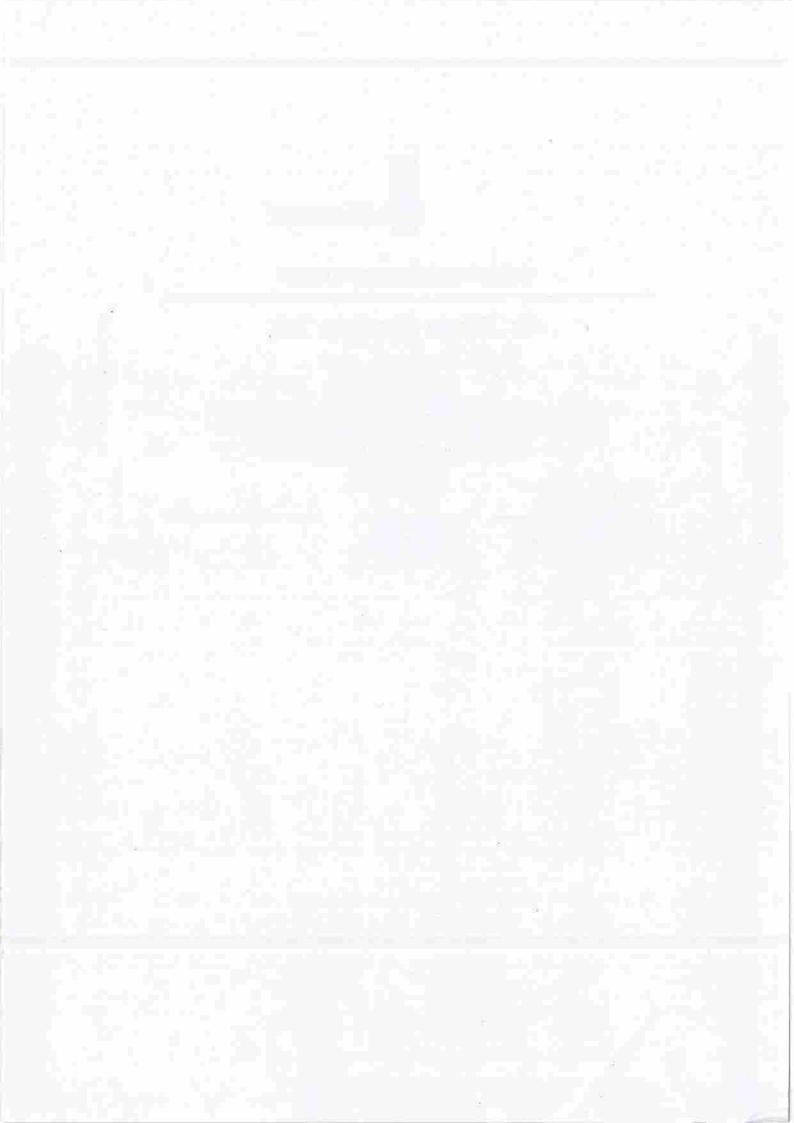
Copy to: HOD of Parent Institution

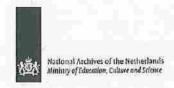
HOD of Host Institution

IT Services National Informatics Center(NIC); Kerala

Page 1/(nb)

Printed On: 30/01/2019 13:20





CERTIFICATE OF COMPLETION

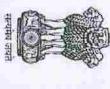
Dr. Bindu Sharmila T.K.

has successfully completed the Winter School "Managing Archives. Challenges and chances for the 21st century archivist" organised by and held at the National Archives of the Netherlands from 5 - 14 November 2019

The Hague, the Netherlands 14 November 2019

MH. ENGELHARD

SHARED CULTURAL HERITAGE



10 Part

かり

GOVERNMENT OF INDIA

NATIONAL STATISTICAL OFFICE (FIELD OPERATIONS DIVISION) KERALA (SOUTH) REGION, THIRUVANANTHAPURAM- 695 522 MINISTRY OF STATISTICS & PROGRAMME IMPLEMENTATION

CIAL GRADE PRINCIPAL AHARAJA'S COLLEGE

ERTIFICATE

during the Internship period at NSO(FOD), Regional Office, Thiruvananthapuram Statistics, Maharaja's College (Autonomous), Ernakulam has successfully completed the Project on 'A Study on the Contribution of Industrial Sector to GDP of India This is to certify that Kum. NourinJahan student of M.Sc. in Statistics of Dept. of

Place: Thiruvananthapuram

Date : 18.07.2019



からからからからからからからからからからからからからからからから

SUNITHA BHASKAR)

DEPUTY DIRECTOR GENERA

Scanned by CamScanner





भारत सरकार / Government of India

सांख्यिकी एवं कार्यक्रम कार्यान्वयन मंत्रालय / Ministry of Statistics & Programme Implementation राष्ट्रीय सांख्यिकीय कार्यालय (क्षेत्र संकार्य प्रभाग)

National Statistical Office (Field Operations Division) क्षेत्रीय कार्यालय, केरल (दक्षिण) क्षेत्र, तिरुवनंतपुरम - 695 522 Regional Office, Kerala (South) Region, Thiruvananthapuram - 695 522

प्रमाण पत्र / CERTIFICATE

This is to certify that Kum. Nourin Jahan student of M.Sc. in Statistics of Dept. of Statistics, Maharaja's College (Autonomous), Ernakulam has sucessfully completed the Internship on "Field Surveys" during 17.05.2019 to 18.07.2019 at NSO (FOD), Regional Office Thiruvananthapuram.

स्थान / Place : तिरुवनंतपुरम / Thiruvananthapuram

A STATE OF THE PROPERTY OF THE

तिथि / Date : 18.07.2019

(सुनिता भास्कर / SUNITHA BHASKAR)

उप महानिदेशक / Deputy Director General



MAHARAJA'S COLLEGE ERNAKULAM

रान्ट्रीव प्रतिदर्श सर्वेक्षण कार्यालय (क्षेत्र संकार्य प्रभाग) क्षेत्रीयकार्यालय, केरल (उत्तर) ए - ब्लॉक, चौथी मंज़िल,केन्द्रीय भवन,



National Sample Survey Office (Flein Operations Const

Regional Office, Kerala (North) A- Block, Fourth Floor , Kendriya Bhavan,

Kallai- P.O ,Kozhikode -673 003

Dt: 20.05.2019

कल्लाइ पीओ .,कोशिक्कोड 673003 No.Q-12014/Interns/Kla/N/2019-20

To,

Ms Angel Cherian, Maruthikattil House, Payyanamon (PO), Konni, Pathanamthitta - 689692.

Sub: - Internship Programme for Post-Graduate Student/Research Scholars for 2019-20

Sir,

This has reference to your application for the internship programme offered by the Ministry of Statistics & Programme Implementation for the Year 2019-20. I take this opportunity to inform that you have been selected as an intern for the current year i.e. 2019-20 for the Regional Office at Kozhikode. The objective of the scheme is to familiarize the interns with the Official Statistical system of the country, with specific reference to data collection, processing and analysis, publication & dissemination needs.

You are hereby informed that you will undergo a two months continuous internship starting from the date of joining the Regional Office which should not be later than 22.05.2019. You will be required to present a brief report/paper at the end of the Internship period based on your work.

A token scholarship of Rs.5000/-(consolidated) per month would be paid to you on successful completion of your Internship at the end of the Internship period. If during these two months period, any field visit is assigned as a part of the Internship, you will also be paid assistance of Rs.250/ per day subject to a maximum of 10 days. A certificate will also be issued to you on the successful completion of the Internship.

It may be noted that you may have to make your own arrangement for your stay, food etc. during the period of Internship at the station allotted.

You are hereby requested to convey your acceptance for this offer in writing (preferably by return mail) to the undersigned latest by 21.05.2019 along with a self certification indicating that you have not attended any Internship programme of this Ministry earlier and will not attend any such programme from any other Institute/agency during this period.

Yours faithfully,

Director & Regional Head

Phone-0495 2323455, Fax -0495 2326255 Email: ro.kxk-fod@nic.in

भारत सरकार सांख्यिकी एवं कार्यक्रम कार्यान्वयन मंत्रातय राष्ट्रीय प्रतिदर्श सर्वेक्षण कार्यानय (क्षेत्र संकार्य प्रभाग) क्षेत्रीयकार्यालय, केरल (उत्तर) ए - ब्लॉक, चौची मंज़िल,केन्द्रीय भवन, कल्लाइ पीओ ,कोंचिक्कोड 673003



Ministry of Statistics & Programme Implementation
National Sample Survey Office (Field Operations Division)
Regional Office, Kerala (North)

A- Block, Fourth Floor, KendriyaBhavan, Kallai- P.O ,Kozhikode -673 003

Dt: 20.05.2019

No.Q-12014/Interns/Kla/N/2019-20

To,

Ms. Jismy Joy, Parippilly (House), Sreemoolanagaram (po), Aluva, Ernakulam -683580

Sub: - Internship Programme for Post-Graduate Student/Research Scholars for 2019-20

Sir,

This has reference to your application for the internship programme offered by the Ministry of Statistics & Programme Implementation for the Year 2019-20. I take this opportunity to inform that you have been selected as an intern for the current year i.e. 2019-20 for the Regional Office at Kozhikode. The objective of the scheme is to familiarize the interns with the Official Statistical system of the country, with specific reference to data collection, processing and analysis, publication & dissemination needs.

You are hereby informed that you will undergo a <u>two months continuous internship</u> starting from the date of joining the Regional Office which should not be later than 22.05.2019. You will be required to present a brief report/paper at the end of the Internship period based on your work.

A token scholarship of Rs.5000/-(consolidated) per month would be paid to you on successful completion of your Internship at the end of the Internship period. If during these two months period, any field visit is assigned as a part of the Internship, you will also be paid assistance of Rs.250/ per day subject to a maximum of 10 days. A certificate will also be issued to you on the successful completion of the Internship.

It may be noted that you may have to make your own arrangement for your stay, food etc. during the period of Internship at the station allotted.

You are hereby requested to convey your acceptance for this offer in writing (preferably by return mail) to the undersigned latest by 21.05.2019 along with a self certification indicating that you have not attended any Internship programme of this Ministry earlier and will not attend any such programme from any other Institute/agency during this period.

Yours faithfully,

(Saji George)

Director & Regional Head

Phone-0495 2323455, Fax -0495 2326255 Email: ro.kxk-fod@nic.in





Kerala Institute of Local Administration Mulamkunnathukava 20. Thrissur - 680-501

CERTIFICATE

O. Alba	d that Shrif Sent		Viymaya.T.S	
			ies), Maharaja's Co	Uoge, Ernakulun
posticis	rated in the training p			
	Local Governan	ce Interfa	ce (Internship Pro	gramme)
Jeans	04,01,2019		17.01.2019	at KILA
			of tocal	PINCIPAYS - P
			位于推准	lar V



Kerala Institute of Local Administration Mulamkunnathokavu P.O. Thrissur - 680 581

CERTIFICATE

Certified t	hat Shri, Smit		6.P
Sr	idens BA Econom	ies(Honours), Maharaja!	s College, Evnakulam
participa	ted in the training p	подчатте оп	
		ce interface (Internship	Programme)
luom	04.01.2019	to	al KNLA
		The local Y	SPECIAL CIPADE
			do-2
			DIRECTOR



POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY MAHARAJA'S COLLEGE, ERNAKULAM

Certificate

This is to certify that the project report entitled "Investigation of antioxidant properties of Xanthurenic acid and Kynurenic acid", submitted by Chinmay Jayaraj, fourth semester student of MSc Applied Chemistry is a bona fide report of the work carried out at BARC, Mumbai and at Department of Chemistry, Maharaja's College, Ernakulam under my guidance. Also, I endorse that the experimental studies at BARC, Mumbai were conducted under the supervision of Dr. Beena G. Singh.

Place: Ernakulam Date: 30.04,2018

20

1

10

S

S

3

-10

1

-3

V

3

C

O

Dr. Prasanthkumar K P Assistant Professor Maharaja's College, Ernakulam

D.Dr.IRRASANTHKUMAK R P Assistant Professor of Chemistry Maharaja's College, Ernakufam Kerala-682011

INVESTIGATION OF ANTIOXIDANT PROPERTIES OF XANTHURENIC ACID AND KYNURENIC ACID

Dissortation Submitted to Mahatma Gaudhi University, Kottayam in Partial Fulfilment for the Award of Master of Science Degree in Chemistry

Ьу

CHINMAY JAYARAJ

(REGNo16630001)

MSc APPLIED CHEMISTRY (2016-2018)



POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY
MAHARAJA'S COLLEGE, ERNAKULAM

May, 2018

POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY MAHARAJA'S COLLEGE ERNAKULAM

CERTIFICATE

This is to certify that the project report entitled "One electron oxidations of Kynurenic acid and Xanthurenic acid" submitted by Shino Chacko, fourth semester student of MSc Applied Chemistry is a bonafide report of the work carried out at BARC, Mumbai and at Department of Chemistry, Maharaja's College, Ernakulam under my guidance. Also, I endorse that the experimental studies at BARC, Mumbai were conducted under the supervision of Dr. Beena G. Singh.

Place: Ernakulam

Date:

Dr. Prasanthkumar K. P.

Assistant Professor of Chemistry

Zur R

Maharaja's College, Ernakulam.

Dr. PRASANTHKUMAR K P Assistant Professor of Chemistry Maharaja's College, Ernakulam Kerala - 682011



ONE ELECTRON OXIDATIONS OF KYNURENIC ACID AND XANTHURENIC ACID

Dissertation Submitted to Mahatma Gandhi University, Kottayam in Partial Fulfilment for the Award of Master of Science Degree in Chemistry

by

SHINO CHACKO

(REG.No.16630005)

MSc APPLIED CHEMISTRY (2016-2018)

Under the Supervision of Dr. PRASANTHKUMAR K P



POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY

MAHARAJA'S COLLEGE, ERNAKULAM

May, 2018



Scanned by CamScanner

. भारतीय कृषि अनुसंधान वाञ्चल केन्द्रीय समुद्री मात्स्यिकी अनुसंधान संरथान

(कृषि अनुसद्यान एवं शिक्षा विभाग, कृषि एवं क्रिकान क्रिकान सरमान Indian Council of Agricultural Research Central Marine Fisheries Research Institute

हैं है जिस्से प्राप्त I Marine Fisheries Research Institute प्राप्त काला सं 1603 प्रमानकाम कार्य के Agriculture and Farmers' Welfare, Govt. of Indial पोस्ट बोक्स सं 1603, प्रताकृत्यम् जोतं क्षेत्रक कोरली - 602016, केरल, कारत Post Box No. 1603, Ernakulam North P.O. Kochi -682018, Kerala, India-91 484 2394867/2391407, Fax: 91 484 2394909/2396685, Email director@cmfri.org.in, Web www.cmfri.org.in

To

F.No. PME/Gen./2016 Dated: 09/08/2017

Dr. P.S. Ajitha, Principal, Maharaja's College (Autonomous), Ernakulam - 682 011.

Sub:

Invitation for collaboration with ICAR-CMFRI, Kochi - Regarding.

Ref:

Your letter No. Nil dated 18/07/2017.

Sir,

It is really pleasure to know that Maharaja's College, Ernakulam is organizing a 'Science Popularization' programme entitled 'Know Harmful Algal Blooms - Save Life'. ICAR-CMFRI, Kochi is delighted to be a part of this programme and would like to extend all possible support for the conduct of this activity. As a Nodal point for coordinating this programme please contact Dr. Grinson George, Sr. Scientist (Mob. 8547857036).

Wish you good luck.

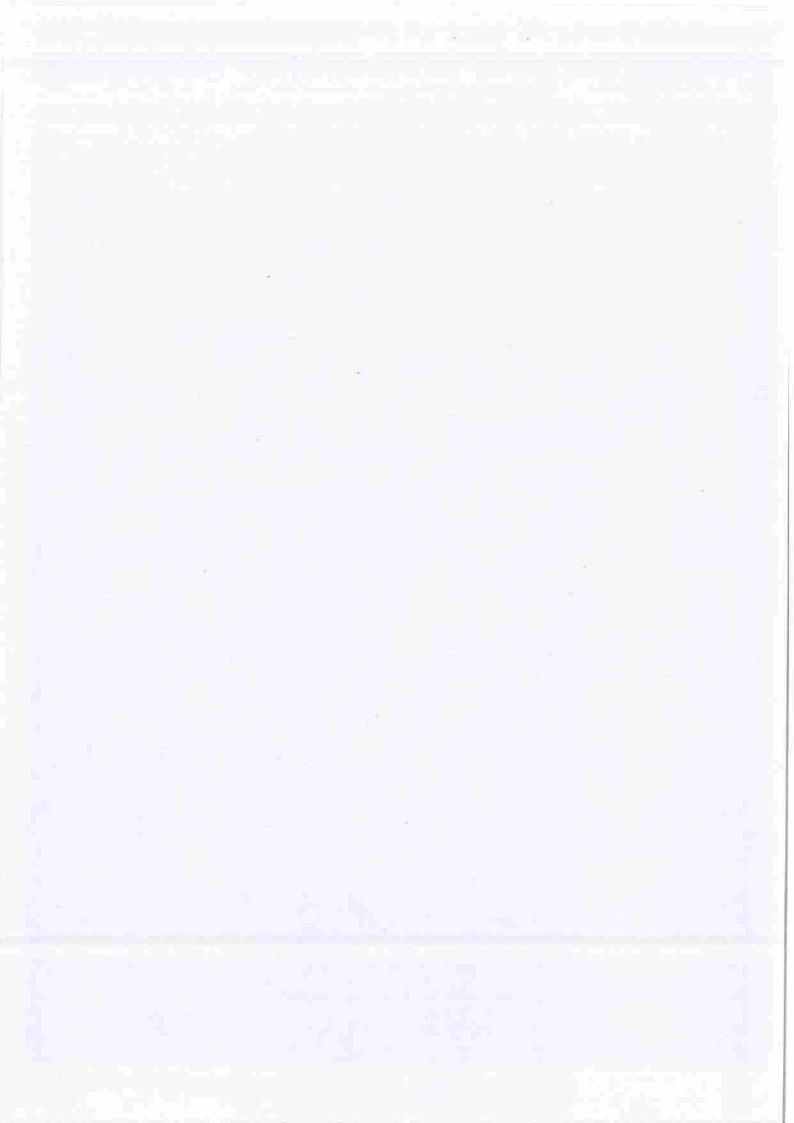
Yours faithfully.

(A. Gopalakrishnan) Director

Copy to:

Dr. Grinson George, Sr. Scientist, Fishery Resource Assessment SPECIAL GRADE PRINCIPAL

Division, ICAR-CMFRI, Kochi





പ്രായോഗിക രസതന്ത്ര വിഭാഗം DEPARTMENT OF APPLIED CHEMISTRY

കൊച്ചി ശാസ്ത്ര സാങ്കേതിക സർവ്വകലാശാല COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY KOCHI - 662 023, KERALA, INDIA

Dr.P.V.MOHANAN KOCHI ASSISTANT PROFESSOR

APRIL 2018

CERTIFICATE

This is to certify that the thesis entitled "Synthesis And Characterization Of MOF-5" is an embodiment of the work carried out by Ms.AryamolSanthosh under my supervision in the Department of Applied Chemistry, Cochin University of Science and Technology, for the partial fulfilment of the degree of Master Of Science In PharmaceuticalChemistryof the Mahatma Gandhi University, Kottayam.

Dr.P.V.MOHANAN

SE EM

.51

SPECIAL GRADE PRINCIPAL MAHARAJA'S COLLEGE ERNAKULAM

Phone: 91-484-2575804 / 91-484-2862420/21, Fax: 91-484-2577595 E-mail: chem@cusat.ac.in, Web: http://chem.cusat.ac.in

SYNTHESIS AND CHARACTERIZATION OF MOF-5

Dissertation submitted to the Maharaja's College in partial fulfillment of the requirements for the award of the Degree of

MASTER OF SCIENCE IN PHÁRAMACEUTICAL CHEMISTRY

By

ARYAMOL SANTHOSH

REG.NO. 16670002



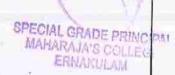
POSTGRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY

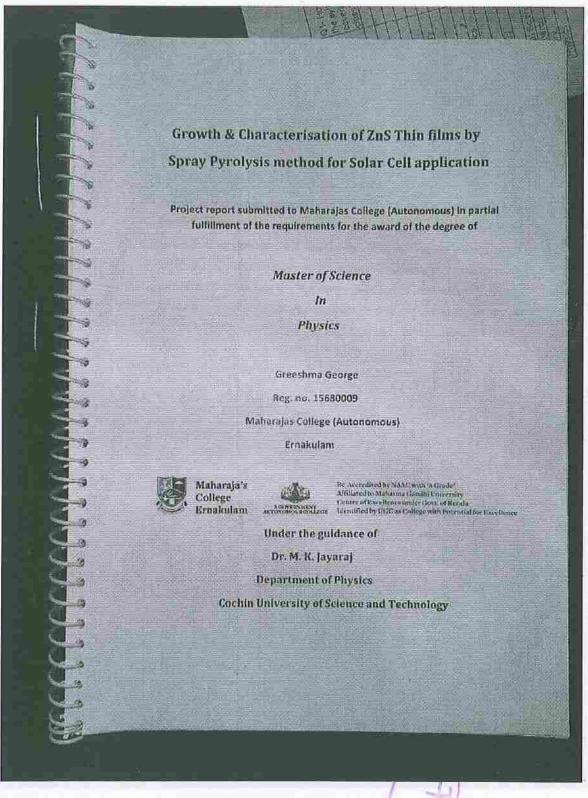
MAHARAJA'S COLLEGE

ERNAKULAM, KERALA

APRIL 2018

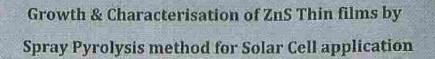
£











Project report submitted to Maharajas College (Autonomous) in partial fulfillment of the requirements for the award of the degree of

Master of Science

In

Physics

Nayana George

Reg. no. 15680010

Maharajas College (Autonomous)

Ernakulam



9

(3)

10

CA

6 19

10

50

Maharaja's College Ernakulam



Re-Accredited by NAAC with 'A Grade' Affiliated to Mahatma Gandhi University AGENTRALICATION OF RESIDENCE ACTOR OF THE STATE OF THE ST

Under the guidance of

Dr. M. K. Jayaraj

Department of Physics

Cochin University of Science and Technology



CENTRE FOR WATER RESOURCES DEVELOPMENT AND MANAGEMENT



An institution of the Keralii State Courseit for Science, Technology and Uncomment, Government of Kerala

CERTIFICATE

This is to certify that Ms. Sreelakshmy M.S. Department of Chemistry, Maharajas College, Ernakulan has successfully completed project work in Centre for Water Resources Development and Management (CWRDM) as part of BSc. Chemistry-Invironment and Water Management course from 20.14-2017 to 29.11-2017.

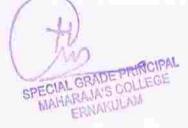
Project title: Analysis of different industrial efficient samples.

Date: 29.11.2017

Dr. P S Harikumar Senior Principal Scientist & Fload, Water Quality Division

THE RESERVENCE OF THE PROPERTY OF THE PROPERTY









ST. JOSEPH'S COLLEGE

AUTONOMOUS College with Potential for Excellence Re accredited with At + Grade

DEVAGIRI, CALICUT-673008, KERALA
Affiliated to the University of Calicut

Appendix-II

PROJECT COMPLETION CERTIFICATE (FOR ASPIRE SCHOLARSHIP - 2017-18)

This is to certify that Smt. FATHIMA ZANBAKH,

MSc Botany student of MAHARAJAS COLLEGE, ERNAKULAM affiliated to MG University, Kottayam has successfully completed her Aspire Scholarship Project/Internship entitled "INVESTIGATION ON THE INFLUENCE OF WATER AND EDAPHIC FACTORS ON FLORISTIC COMPOSITION NADERI AND ANELAKKADAVU WETLANDS IN CALICUT DISTRICT" within the stipulated month(s) from 15.04.2018. to 15.05.2018. under the guidance of Dr. Delse P Sebastian, St. Joseph's College, Devagiri, Kozhikode.

Dr. Delse P. Sebustlan Assistant Professor Dept. of Bottoy St. Jesspira Cofege, Devogiri, Keshirada - 673 008

(Guide of Host Institution)

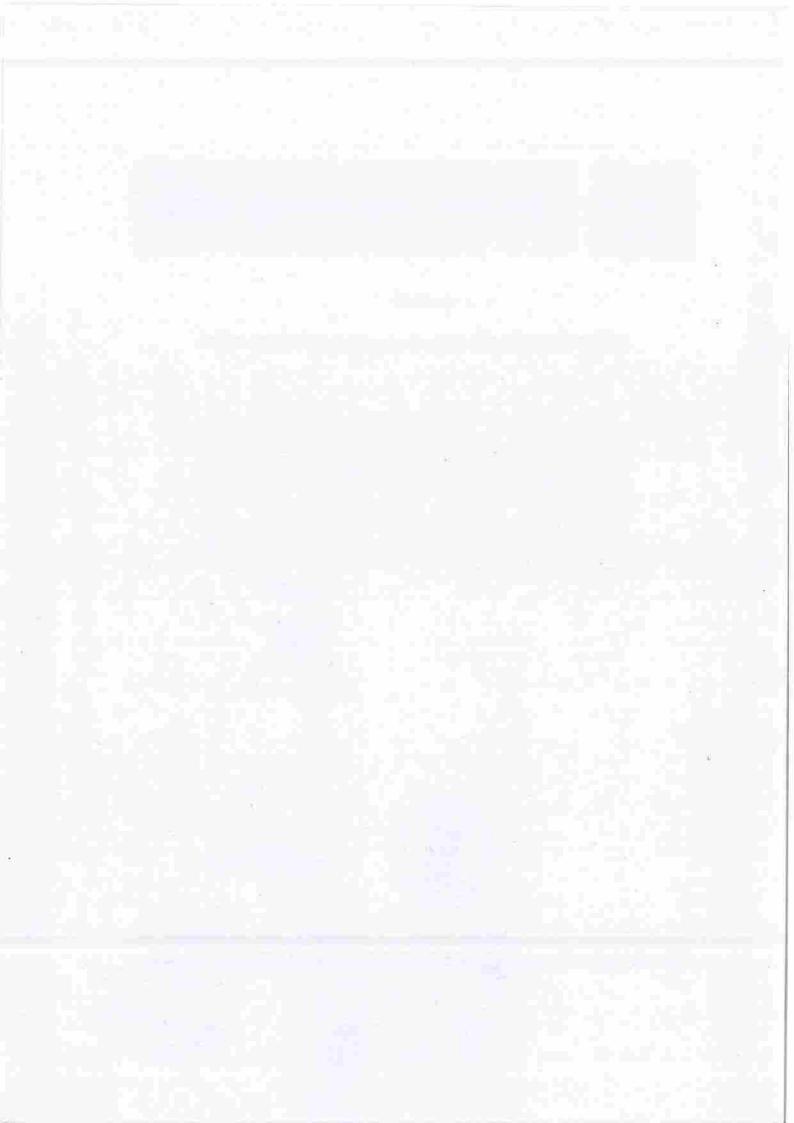


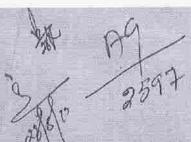
(Head of the Host Institution)
PRINCIPAL
St. Joseph's College (Autonomous)
Devagiri, Calicut-673 008

2 四年 2018

Phone: office: 0495-2355901, Principal: 0495-2355828, Res: 2355134, Fax: 0495-2355828 E-mall: ajcdavagiri@yahoo.co.in, Web: www.devagiricollege.org









Istd 1972

GOVERNMENT COLLEGE KOTTAYAM

(NAAC Re-Accredited by A Level, Affiliated to M.G. University)

NATTAKOM P.O., KOTTAYAM, KERALA 686013 PHONE: 0481 2363116

Website: www.govtcollegekottayam.com

Email: www.gckottayam@gmail.com

Dated: 23-08-2017

No.B2-1050/2017

Principal

ne Principal

The Principal
Maharaja's College,
Ernakulam -11

Dear Madam,

Ref:- Invitation letter for collaboration from Botany Department, Maharaja's College, Ernakulam dated: 18-07-2017

We are extremely glad to inform the willingness of the Botany Department, Government College Kottayam to collaborate with the Botany Department of Maharaja's College, Ernakulam in the programme titled "Know Harmful Algal Blooms-save Life", a programme funded by KSCSTE as part of "Science Popularization" programme. Sri, Jazir Haneef, Assistant Professor of Botany is appointed as the nodal officer for the smooth functioning of the programme.

We are most grateful for your offer of collaboration from your reputed institution and we look forward to a fruitful association.



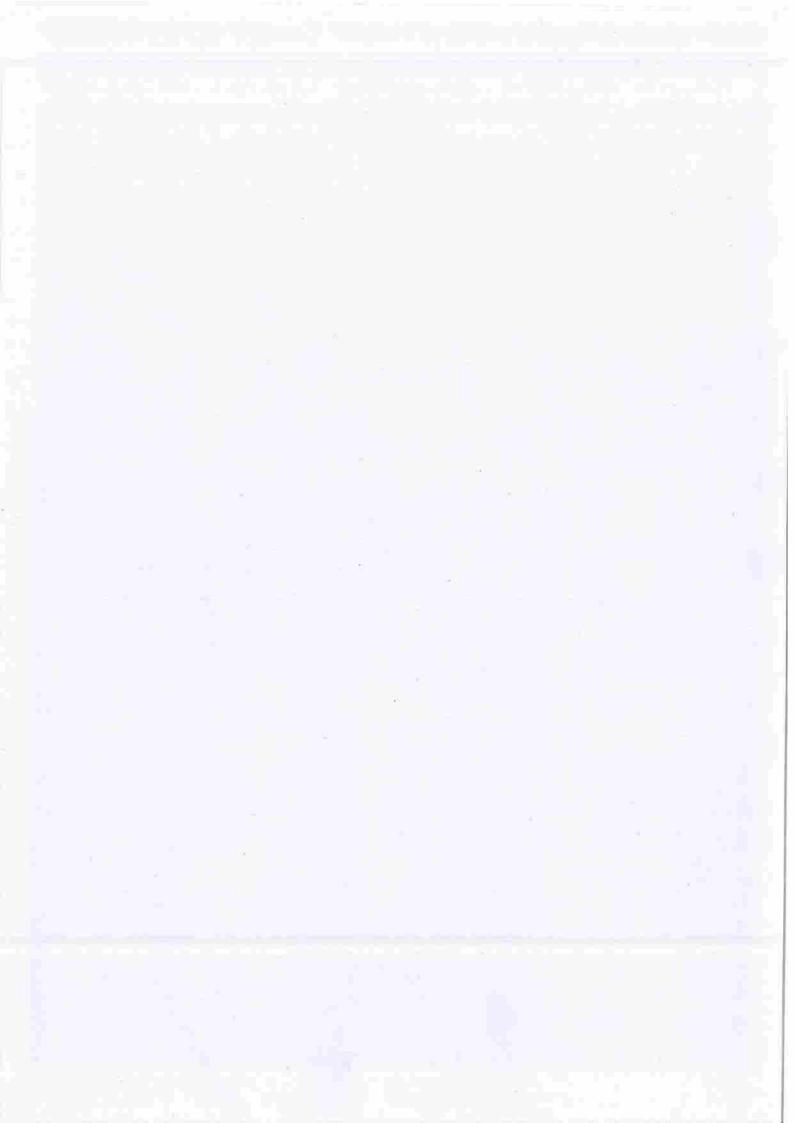
Yours faithfully,

Copy to: Sri. Jazir Haneef (Asst. Professor of Botany)

Pater coop of America

SPECIAL GRADE PRINCIPAL
NAME AND SPECIAL SPECI

Kottayam



Dr. Mahesh Haribaran FRSC

Associate Editor, Photochemical and Photobiological Sciences

Associate Editor, RSC Advances

Associate Professor and Head, School of Chemismy Indian Institute of Science Education and Research-Thiruvananthapuram (HSER-TVM)

CET Campus, Sreekaryam, Thirtuvananthapuram, Karala 695 016

Telephone: (91)-471-2597437; Fax: (91)-471-2597427 Email: meheshir inservem actin or mahesh hraspenial com

31-05-2018

To whomsoever it may concern,

This is to certify that Mr. Assein Kumar Mallya, Second Year M.Sc. Chemistry Student from Maharaja's College, Ernakulain has worked as summer research fellow in my research laboratory for a period of one month starting from 1" May 2018 till 31" May 2018.

Sincerely

and the

Or. Mahosh Hariburan

De MANIESTI HARUHARAN Ster Stav Associate Professor Ster Stav School of Chemistry and teles School of Chemistry and second during the telescope of the second start of the second start of the second second

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH THIRUVANANTHAPURAM

An autonomous Institution of the Ministry of Human Resource Development,

Govt. of India

Vithura, Thiruvananthapuram-695551, Kerala, INDIA



CERTIFICATE

It is certified that the work described in this report entitled 'ATTEMPT TO SYNTHESISE CORESUBSTITUTED NAPHTHALENE DIIMIDE' is a bonafide record of the project work carried out as a
part of her summer training project by Ms. Sumetha. U. Shenoy under my supervision in at school
of chemistry, Indian institute of science education and research, Thiruvananthapuram, India.

Dr. Mahesh Hariharan Associate Professor School of Chemistry

IISER-TVM



भारतीय | INDIAN सांस्कृतिक | COUNCIL FOR सम्बंध | CULTURAL परिषद् | RELATIONS

Na IGC/ / /2017

3 Oct., 2017

APPOINTMENT ORDER

Reference your letter No F2/106/2017/HEDN dated 19 May, 2017 forwarding therewith application of Dr. Liyaqath Ali, Assistant Professor in Arabic, Maharajas College, Ernakulam for the post of Director at Indian Cultural Centres abroad as foreign assignment.

The Ministry of External Affairs has approved the appointment of Dr. Liyaqath Mi as Director. Maulana Azad Centre for Indian Culture. Cairo, Egypt for a period into three years with the diplomatic rank of Second Secretary with Representational irant. (RG) and other entitlements under IFS (PLCA) Rules and extant norms, uidelines & orders of ICCR. The diplomatic equation of Dr. Liyaqath Ali shall not be pgraded during his tenure abroad due to any reason such as revision of pay scale orn the retrospective or prospective date, earning of annual increment. (s), romotion in present cadre, grant of MCAP etc. The employee will not be entitled to enefit of promotion which would have been due to his during the period of appointment.

The appointment is subject to the provisions of the agreement to be executed / Dr. Livagath Ali with the Council

The various entitlements of Dr. Liyaqath Ali would broadly be as under-

) Tenure: The assignment will be for a period upto three years. The period of population will commence from the date he joins the duties of his post at the council's Headquarters. New Delhi.

) Pay:- Basic pay of Dr. Liyaqath Ali will be fixed at Rs 26,680/- in the pay band-3 Rs 15600-39100 +GP6000 drawing at his parent department with annual prements to the next higher stages in the scale as admissible under the rules. No putation duty allowance will be admissible to him.

ning time/travelling allowance/compensatory allowance etc. will be admissible tording to the rules applicable to the India-based non-IFS officers posted abroad the Council.

Foreign Allowance: Or Liyaqath Ali will be entitled to draw foreign allowance admissible to a Second Secretary (with RG) in Embassy of India Cairo subject to the conditions as may be laid down by the Ministry of External Affairs.

आजाद भवन, इन्द्रप्रस्थ इस्टेट, नई दिल्ली-110002 LZAD BHAVAN, INDRAPRASTHA ESTATE, NEW DELHI - 110 002 रमाप/१०। 23379309, 23379310 फैक्स/Fax 23378839, 23378847, 23370732, 23378783, 23379509 - वेबसाइट/Website www.iccr.gov.in

Scanned by Carris

STATE OF THE PARTY OF THE PARTY

- To supervise the library and reading room at the Centre
- To organise and also deliver lectures on Indian subjects at the Centre and in other places in Egypt
- To maintain contacts with educational, cultural and creative organisations and publishing houses.
- To provide accurate information on all aspects of Indian civilizations, culture and contemporary developments to interested individuals and organisations
- In general, to do such work as may be assigned to her from time to time by the Council or by the Ambassador of India to promote the objectives of the ICCR
- ICCR is the competent and final authority for all administrative and financial matters with respect to the affairs of the Indian Cultural Centre abroad and its officers/resource persons etc.

Or Liyagath Ali may join the Centre at Cairo on the basis of issue of this order as early as possible. However, exact date from which the services of Or Liyagath Ali is required by the Council will be intimated in due course on receipt of acceptance. from your side. It is, therefore, requested to send the acceptance to this offer urgently latest by 11 10 2017 enable to completing of all procedura/travel formalities. Departure formalities to be completed with the help of Shri Vinay Vohca. Sr. Programmie Director (Admin/ROs), ICCR. Danton

(Namarta S. Kumar) Dy. Director General (NK)

Secretary to the Govt of Kerala High Education (F) Department Thiruvarienthapuram.

Copy to:-

- Ambassador, Embassy of India, Cairo, Egypt.
- DS (FSP), MEA, New Delhi
- Principal, Maharaja's College, Emakulam, Kochi-682 011, Kerala
- Or Liyaquth Ali, Asstt. Professor and Head, Research Department of Arabic, Maharaja's College, Emakulam, Kochi-682 011, Kerala with the request to send his acceptance to the offer of appointment urgently latest by 06.10.2017
- PS to President, ICCR.
- DG Office
- 7. Sr. Programme Director (ICCs), ICCR.

(Namarta S. Kumar) Dy. Director General (NK)

Scanned by CamScan



- d) Dr. Liyaqath Ali will be provided suitable rent-free accommodation as per entitlement of Second Secretary level officer in the Embassy of India, Caird
- e) Dr. Liyagath Ali and his spouse will be entitled to medical facilities as admissible to an officer of comparable status in the Empassy of India. Caro under the AMA Scheme of Govt of India. Ministry of External Affairs for the India-based officers and staff in Indian Missions abroad.
- f) Or Liyaqath Ali and entitled dependent members of family are entitled to travel by Air India in Economy Class by the lowest available airfare for journey (to and fro), by the approved route. The relevant provisions of IFS (PLCA) are to be followed. He will be entitled to transport (inclusive of free allowance given by Air India) 2800 kgs of personal effects by surface route or 1120 kgs of personal effects by air route at Government, cost, as unaccompanied air cargo (to and fro) by the approved route in one instalment. Final return passage will be admissible on completion of assignment.
- g) During the period of assignment his will be entitled to 30 days leave per year. He will not carry over on return any credit of un-availed leave. Salary for the period of leave earned and availed during assignment period will be paid by the Council.
- h) During the corrency of her assignment with the Council, Dr. Liyanath All will also be governed by the provisions of the Indian Official Secrets Acts 1923 and other administrative, conduct and disciplinary rules as applicable to Government servant viz. the Central Civil Service (Conduct) Rules 1964, the Central Civil Services (Classification, Control and Appeal) Rules 1985 and extant norms, guidelines & orders of ICCR.
- i) Dr. Liyaqath Ali shall not except as required by his duties under his assignment, use for his own benefit or gain or divulge to any persons, firm, company or other organization whatsoever any confidential information belonging to the ICCR or relating to its affairs or dealings which may come to his knowledge during his assignment.
- The other entitlements of Dr. Liyagath Ali will be regulated according to the provisions of IFS (PLCA) Rules as applicable to IFS officials with the prior approval of ICCR.
- No member of his family staying with him in Cairo shall accept any gainful employment without prior approval of the Council.
- Neither Dr. Liyaqath Ali nor any member of his family shall indulge in activities of political nature during their stay in Cairo.
- The duties of Dr. Liyaqath Ali will include inter-alia, the following.
- Director of the Maulana Azad Centre for Indian Culture, Cairo and in that capacity be responsible for its administration and following activities:-
- To organise cultural evenings, exhibitions of Indian books, photographs, paintings and other art forms
- To organise film shows, performances of dance and music, seminars and discussion on India.

Scanned by CamSo







Mulamkunnathukavu P.O, Thrissur - 680 581

CERTIFICATE

Certified that Shri. Smt	Ashok Vijayan
Student, BA Economics, (Ho	nours) Maharaja's College, Ernakulan
has participated in the training progra	mme en
Local Governance Inte	erface (Internship Programme)
from	28.02.2018 at KILA



DIRECTOR







Mulamkunnathukavu P.O, Thrissur - 680 581

CERTIFICATE

Certified	that Shri. Smt	Bijoy K B	принизични
*************	Student, BA Economics	(Honours) Maharaja's	College, Ernakular
has part	icipated in the training prog Local Governance	Interface (Internship F	Programme)
from	15.02.2018 to	28.02.2018	at KILA
	A Partie of the Control of the Contr		quary

PARSUR ERP (B)





Mulamkunnathukavu P.O, Thrissur - 680 581

CERTIFICATE

Certified that Shri. Smt	Athira Unni
	(Honours) Maharaja's College, Ernakulan
has participated in the training proj Local Governance	Jumme ou
from15.02.2018	28.02.2018 at KILA









Mulamkunnathukavu P.O, Thrissur - 680 581

CERTIFICATE

Certifier	d that Shri. Smt	Karthik R	***********
	Student, BA Economics	(Honours) Maharaja's Colleg	3e, Ernakular
has par		Interface (Internship Program	
fram	15.02.2018	28.02.2018	at KILA
	(Int o	1 10141 1014	~



DIRECTOR



Mulamkunnathukavu P.O, Thrissur - 680 581

CERTIFICATE

Certified that Shri. Smt	Megha Mathew
	(Honours) Maharaja's College, Ernakulan
has participated in the training prog Local Governance	ramme on
from	28.02.2018 at KILA
W. W. S. L.	or 10111



\$2015 UN 580 58



Mulamkunnathukavu P.O, Thrissur - 680 581

CERTIFICATE

Certified that Shr	i. Smt	Muhzina P	P
Student, B	A Economics (Honours) Maharaja's (College, Ernakulam
has participated	in the training pro	gramme on	
Loca	l Governance I	nterface (Internship Pr	ogramme)
from15.02	2.2018	28.02.2018	at KILA
E .	(init	OF LOCAL ADA	
	(1851)		garas.



SPECIAL GRADE PRINCIPAL MAHARAJA'S COLLEGE ERNAKULAM

DIRECTOR



Mulamkunnathukavu P.O, Thrissur - 680 581

CERTIFICATE

Certified	that Shri. Smt	Nasrin M N	шинин
	Student, BA Economics	(Honours) Maharaja's Colle	ge, Ernakula
has pari	ticipated in the training prog	ramme on	ukumm
	Local Governance	Interface (Internship Progra	mme)
from	15.02.2018	28.02.2018	at KILA
	July Of !	OCAL ADI	^





Mulamkunnathukavu P.O, Thrissur - 680 581

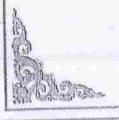
CERTIFICATE

Certified that Shri. Smt	Neenu Jeejan	
Student, BA Economics	(Honours) Maharaja's College, Ernai	kulam
has participated in the training progr	amme en	
Local Governance	Interface (Internship Programme)	
from 15.02.2018ta	28.02.2018 at KILA	



DIRECTOR

SPECIAL GRADE PRINCIPAL MAHARAJACIAN LEGE ERIVEGE





Mulamkunnathukavu P.O, Thrissur - 680 581

CERTIFICATE

0 00 1		Resh	ma A	
Certified	that Shri. Smt			1
£1813111111£1	Student, BA Economics (Honours) Mah	araja's College, Erno	ıkulam
has part	icipated in the training program	ne ou		
	Local Governance I	ıterface (Inter	nship Programme)	
ereiterette	***************************************			- 1
from	15.02.2018 to	28.02.2	018 at KILA	
, , , , , ,	WIL OF	10(A1 40)		
			gara	~>d
	(T) (T)		DIRECTOR	
95.	17.		11	





Mulamkunnathukavu P.O, Thrissur - 680 581

CERTIFICATE

Certified	that Shri, Smt	Sandra M	<i>S</i>
Sti	udent, BA Economics (H	onours) Maharaja'	s College, Ernakulam
has parti	cipated in the training progra		Programme)
from	15.02.2018 ta.	28.02.2018	at KILA
	A LA CALLA LA	NISTRAII G	DIRECTOR
Morrow	moisso	R-680 581	





Mulamkunnathukavu P.O, Thrissur - 680 581

CERTIFICATE

Certified that Shri. Smt		******************************
Student, BA Econo	omics (Honours) Maharaja's	College, Ernakulam
has participated in the train	ting programme on	
Local Govern	ance Interface (Internship P	rogramme)
from 15.02.2018	28.02.2018	at KILA
1,	OF LOCAL TO	N - 1
		DIRECTOR



Mulamkunnathukavu P.O, Thrissur - 680 581

CERTIFICATE

Certified th	at Shri. Sml		Shero	eena Sain	udheen	
Stu	dent, BA Ec	onomics (He	onours) Mah	araja's Col	lege, Ernai	kulam
has partici			erface (Inter			ă.
from	15.02.2018	***************************************	28.02.2	***************	at KILA	-
		OF 10	ADMINISTRATION OF THE PARTY OF	Dij	PA-J	
		PHANGUR.	(10) (10)	SPECIAL OF	AS COLLEGE	N.
	1	() ()		ERU	TAKULAM	



Mulamkunnathukavu P.O, Thrissur - 680 581

CERTIFICATE

Certified that Shri. Smt	Sreelakshmy P D
- M	(Honours) Maharaja's College, Ernakulam
has participated in the training pro Local Governance I	gramme en
from15.02.2018	toat KILA
	The state of the s





Mulamkunnathukavu P.O, Thrissur - 680 581

CERTIFICATE

Centified	that Shri. Smt	Vijayalakshmi S Shenoy
S	tudent, BA Economics	(Honours) Maharaja's College, Ernakula
has part	ticipated in the training prog	ramme en
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Local Governance	Interface (Internship Programme)
from	15.02.2018	28.02.2018 at KILA



DIRECTOR





Mulamkunnathukavu P.O, Thrissur - 680 581

CERTIFICATE

Certified that Shri. Smt	slam P.A
Student, BA Economics (Honours) Maharaja	a's Colleges Ernakulam
has participated in the training programme on	
Leam 15.02.2018 ta 28.02.2018	at KILA
OF LOCAL PROPERTY OF THE PARTY	gens f



19155110 Lan 10



Mulamkunnathukavu P.O, Thrissur - 680 581

CERTIFICATE

Certified that Shri. Smt	Amina M	М
Student, BA Eco	nomics (Honours) Maharaja'	s College, Ernakulam
has participated in the tr	aining programme on	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Local Gove	rnance Interface (Internship I	Programme)
from 15.02.2018	de28.02.2018	at KILA
	OI LOCAL	DIRECTOR
Series	# MOSSER (660 - 46)	





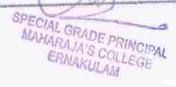
Mulamkunnathukavu P.O, Thrissur - 680 581

CERTIFICATE

	Ashina C N
Certified that Shri. Smt	
Student, BA Economics	Honours) Maharaja's College, Ernakulan
has participated in the training pr	ogramme on
15,02.2018	ta
THE OF THE OWNER OWNER OF THE OWNER OWN	10CAI ADMINISTRATION OF ANY



DIRECTOR





Mulamkunnathukavu P.O, Thrissur - 680 581

CERTIFICATE

Cortified that Shri. Smt	Karishma Vinuraj
	s (Honours) Maharaja's College, Ernakulam
has participated in the training s	ривдиатте оп
Local Governance	e Interface (Internship Programme)
from 15.02.2018	ta 28.02.2018 at KILA
	15 05 10CA1



DIRECTOR



Mulamkunnathukavu P.O, Thrissur - 680 581

CERTIFICATE

Certified that Shri. S	mtHamelin C	leatus
***************************************	conomics (Honours) Maharaja's	
	training programme on	
Local Go	vernance Interface (Internship l	Programme)
from 15.02.201	The state of the s	at KILA
	STATE OF LOCAL MARKET	~ 1
		DIRECTOR
Notes	WHITTING BEN SAL	Mockey



Mulamkunnathukavu P.O, Thrissur - 680 581

CERTIFICATE

Certified that Shri. Smt	Femin Johnson	1113
Student, BA Economic	s (Honours) Maharaja's College, Eri	<u>ą</u> kulan
has participated in the training p	940gramme ou	100
Local Governance	e Interface (Internship Programme)	100
from15.02.2018	ta 28.02.2018 at KII	A
. (15)		~ 1
A LIESTA	DIRECTO	R S



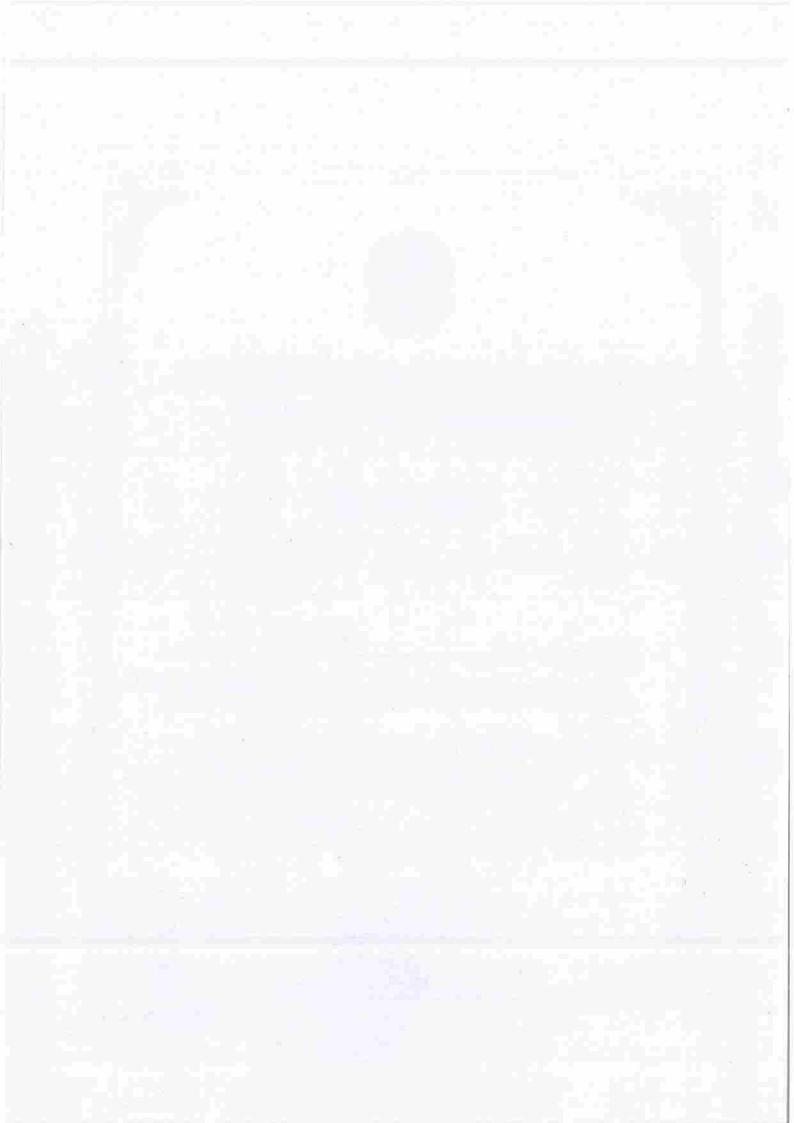
7 MY TSUR-680 581



Mulamkunnathukavu P.O, Thrissur - 680 581

CERTIFICATE

Certified to	hat Shri. Smt	Deepthi S		
Stu	dent, BA Economics	(Honours) Maharaja'	s College, Ernakulam	
has partic	ipated in the training pro	ogramme on	mananakanan	
	Local Governance	Interface (Internship I	Programme)	
Erom	15.02.2018	28.02.2018	at KILA	
	SERVER THIS	OL TO(V)	DIRECTOR	
		ALL PARTY CONTRACTOR OF THE PA	SPECIAL GRADE PRINCIPAL MAHARAJA'S COLLEGE ERNAKULAM	L
			Tool of I	



File No. KSCSTE/5207/2017-SPP

KERALA STATE COUNCIL FOR SCIENCE, TECHNOLOGY AND ENVIRONMENT An Autonomous body of the Government of Kerala

KSCSTE - Science Popularization Programme - proposal entitled 'Know Harmful Algal Blooms - Save Lives submitted by Shyam Kumar S, Assistant Professor, Dept. of Botany, Maharaja's College, Emakulam - financial assistance - Sanctioned - orders issued.

Council (P) Order No. 459/2017/KSCSTE

Dated: Thiruvananthapuram, 08.09.2017

Ref. - (1) Project Proposal dt: 30.5.2017

- (2) Minutes of the 30th meeting of SPC held on 15th June 2017
- (3) Letter No. SPC/16/2017/KSCSTE, dt: 29.6,2017
- (4) File No. SPC/16/2017/KSCSTE

ORDER

- 1. As per reference (1) cited above, Shyam Kumar S, Assistant Professor, Dept. of Botany, Maharaja's College, Ernakulam submitted a proposal seeking financial assistance for the proposal entitled 'Know Harmful Algal Blooms Save Lives'. The Science Popularization Committee (SPC) of the Council evaluated the proposal and recommended to support the Programme by offering an amount of Rs. 3,00,000/-. As per reference (3) cited above, the Principal, Maharaja's College, Ernakulam executed an agreement on the Terms and Conditions, in the requisite stamp paper worth Rs. 200/-.
- Kerala State Council for Science, Technology and Environment (KSCSTE) is pleased to accord sanction for the project entitled 'Know Harmful Algal Blooms - Save Lives' and to support the programme by providing financial grant of Rs. 3,00,000/- (Rupees Three Lakh only), The sanctioned budget heads are as follows.

SI. No.	Item	Amount (Rs.)
	Honorarium	60,000
2.	Consumables	90,000
_3.	Organizing Expenses	60,000
4.	Travel Expenses	30,000
5.	Publicity Materials	30,000
6.	Documentation Expenses	30,000
	Total	3,00,000

- 3. The duration of the project shall be one year only. Due acknowledgment to KSCSTE should be provided in all brochures, invitation cards, publicity materials, etc. brought out in connection with the programme as 'Supported and sponsored by KSCSTE'.
- 4. Based on the recommendations of the SPC and as per the Council norms, 50% of the sanctioned amount will be released as initial payment. The balance amount will be released based on assessment of progress of the project and subject to the submission of audited financial statements (Statement of Expenditure and Utilization Certificate).
- 5. KSCSTE is pleased to accord sanction for the release of Rs. 1,50,000/- (Rupees One Lakh and Fifty Thousand only) being 50% of the sanctioned amount for the above mentioned Science Popularization Programme. The amount will be disbursed to The Principal, Maharaja's College, Ernakulam 682 011 by means of National Electronic Fund Transfer (NEFT) as per their bank details as follows.

SPECIAL GRADE PRINCIPAL MAHARAJAS GOLLEGII ERNOAGEAM

Beneficiary Account Name	Principal, Maharaja's College
Beneficiary Account Number (SB/CC)	67204833490
	CONTROL 20143
Name of Bank	State Bank of India, CSI Complex, Broadway, Ernakulam
Beneficiary Address	Maharaja's College, Ernakulam

- 6. The Programme Co-ordinator should ensure that the Terms and Conditions executed are strictly followed during the implementation of the Programme. Date of start of the project should be intimated to the Council and Quarterly Progress Report in the prescribed format with effect from the date of start of the project should be submitted in time.
- 7. The expenditure in this regard will be met from the Council's budget head III Schemes and Programmes of KSCSTE C (1) Science Popularization Scheme.

The above sanction has been issued under the delegated powers of the Council, vide sanction No.450/DIR/2017-2018, dated 08.09.2017.

Dr. S. Pradeep Kumar Director, KSCSTE

To

The Principal, Maharaja's College, Ernakulam - 682 011

Copy to:
Shyam Kumar S, Assistant Professor, Dept. of Botany, Maharaja's College, Ernakulam - 682 011
Cash Section/ Stock File/Office Copy

Sollichell

No. BT/IN/Indo-US/Foldscope/39/2015

Government of India
Ministry of Science & Technology
Department of Biotechnology

Block No.2, 6-8th Floors, CGO Complex, Lodi Road, New Delhi - 110 003, Dated, 20.03,2018

Admin Order

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the payment of Rs.3120.00 Lakhis (Rupees Thirty One Crore Twenty Lakhis Only) to Biotech Consortium India Limited (BCIL), 5th Floor, Analysta Bhawan, 210, Deen Dayal Upadhaya Marg, New Delhi - 110002 towards the "Towards disbursement of Micro grant for implementation of projects under the Foldscope scheme" as per break-up given below:

						(Rs. in Lakhs
Sr. No.	tem	Number of Schools/ Colleges/ Institute/ University	Total budget per School/ Colleges/Institute/ University	Total Budget	["Installment (75% of total hudget)	2 nd Installmen (25%of total budget)
i i	NER Schools (Category-A)	33	4.00	132,00	98.00	34,00
П	Other Regions of India Schools (Category-A)	84	4,00	336.00	252.00	84.00
m	NER Colleges/Institute / Universities (Category-B)	.81	8,00	648.00	486.00	162.00
īv	Other Regions of India Colleges/Institute / Universities (Category-B)	247	8,00	1976,00	r483.00	493.00
		ul (A)		3092.00	2319.00	773,00
v	Budget for the Pro	jeet Secretaria	t to BCIL (B)	28.00	28,00	0.00
		otal (A+B)		3120.00	2347.00	773.00*

*The second installment will be released after the review of technical & scientific progress report and submission of UC/SE after 6 months.

2. The list of approved School/Colleges/Institute/ Universities of category A & B pay be seen at Annexure-I to IV.

The budget details for awardees under category 'A' and category 'B', and the budget

Project Secretariat to BCB, may be seen at Annexure- V. The budget for from-I [NI R (Schools)] and from-III [NI/R (Colleges/Institute/ University)].

debitable by the NER budget head. The budget for Hern-II (Other Regions of India Schools), IV (Other Regions of India Colleges/Institute

The budget for Hem-II (Other Regions of Judicisch Budget for Category A &B) will be Universities) & V (Project Secretariat to BCII., Detailed Budget for Category A &B) will be debuable from Hiotechnology Research and Development (R&D) head.

The Foldscope and Micro grants shall be disbursed to the Schools, Colleges and Universities by the NER-HPMC/BCIL as per the Annexure-I to V.

Time Schedule: The duration of the project is 1 Year 0 Month from the date of this sanction order.

The expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology	
3425	Other Scientific Research 2017-2018	
3425.60	Others (Suh Major Head)	
3425,60.200	Assistance to other Scientific Bodies (Minor Head)	
3425.60.200.29	Biotechnology Research and Development	
3425.60,200,29,17	Assistance for Research and Development	
3425.60,200,29,17,31	Grants-in-aid General	

The other terms and conditions governing this sanction are attached at Annexure- VI.

10. A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institution on Non-Judicial stamp paper Rs, 100/- in the enclosed format and the second release/installment will be made only after signing of MoA by the grantee institutions and its acceptance by DBT. In case of NGO or Private Institution, MOA signed is mandatory first release.

11. The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilization Certificate and Statement of Expenditure. The Interest so carned will be treated as created to the institute/Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Accounts.

12. No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.

13. The Managing Director, Biotech Consortium India Limited (BCIL), 5th Floor, Anuvrat Bhawan, 210. Deen Dayal Upadhaya Marg, New Delhi - 110002would be responsible for submission of Statements of Expenditure (SoE), utilization certificates (UC), Assets Certificates, Manpower staffing & expenditure details in prescribed DBT formats to DBT in respect of grants released in this project from time to time.

SPECIAL GRADE PRINCIPAL MAMASIANES OCCUPANT FEDREULEA

- As per Rule 236 (1) of GFR 2017 the accounts of all Granice Institutions or Organizations shall be open to inspection by the sanctioned authority and audit, both by the Comptroller and Auditor Accounts Office of the Ministry or Department, whenever the Institution or Organization is called upon to do so
- 15 In case the whole or a part of the amount of the grant-in-aid is being refunded, an interest thereon as per Gove of Index shall be recovered.
- As per Ministry of Pinance OM, No. C-13015(34)/Al): CGA/PFMS/Mise/2014-15/2095-2127 dated 03/03/2015 all transaction involving easis component has to be made through Public Financial Management System (PFMS) w.g. 03/04/2015 to each beneficiaries.
- 17. UCSh must show all the heads as per the sanction order.
- 18 This issues under the powers delegated to this Department and with the concurrence of IFD, DBT vide their SAN, No. 1023TFD SAN 4849/2017-18 dated 16.03.2018.
- 10. This superior order has been noted at Serial No. in the Register of Grants.

Variable Pargali (Vaishali Panjabi)

0.

The Pay & Accounts Officer
Department of Biotechnology
Ministry of Science & Technology
Loohi Road, New Delhi-110 003

Courte:-

- 1. The Principal Director of Audit (Scientific Departments), AGCR Building, New Delhi-110002.
- 2. The Pay & Accounts Officer, Department of Science & Technology, New Delhi-110016.
- 3. Cash Section, DBT (Zeopies).
- a IFD, DBT.
- 5 The Managing Director, Biotech Consortium India I imited (BCIL), 5th Floor, Answert Bhawan, 210, Deen Daya! Upadhaya Marg, New Delhi - 110002
- 6. Smotion Folder.
- 1 US (IFD) to re-appropriate the budget for Item -I & III from the NER Budget.

Varibali Panjabi)
Scientist 'D



of Caul. during UNIVERSITY OF FISHERIES & OCEAN STUDIES-KERALA മകരള ഫിഷറിസ്-സമുദ്രപഠന സർവ്വകലാശാല PANANGAD P.O., KOCHI 682 506, KERALA, INDIA 103782, 2700598; Fax: 91-484-2700337; e-mail: utypenangad@kufas ac_in website: www.kufos.ac.in

24-08-2017

10

The Principal Maharaja's College (Autonomous) Ernakulam- 682 011

Madam

Sub: KSCSTE 'Science Popularization' programme-collaboration-regi-

In response to your letter dated 18-7-2017, I am glad to inform that the Department of Aquatic Resource Management, Kerala University of Fisheries and Ocean Studies, Panangad is willing to collaborate with the your institute on the KSCSTE sponsored 'Science Popularization' programme on "Know Harmful Algal Blooms-Save Life". I also take this opportunity to nominate Dr. MP Prabhakaran, Assistant Professor (Fishery Oceanography), Department of Aquatic Environment Management, KUFOS as Co-ordinator from our side. I am also willing to extend all possible support from under my capacity as the Head, Department of Aquatic Environment Management for the successful implementation of the project.

Thanking you

Yours sincerely

SPECIAL GRADE PR ERNAKULAM

Dr. Ranjeet K

Associate Professor and Head Department of Aquatic Environment Management Kerala University if Fisheries and Ocean Studies

Panangad P.O.

Kochl - 682 506 Mobile: 9744171986

Email: ranjeet.kufos@gmail.com





SREE SANKARACHARYA UNIVERSITY OF SANSKRIT

(Accredited by NAAC with 'A' Grade)
KALADY, ERNAKULAM, KERALA – 683 574
Phone: 0484-2463380

DEPARTMENT OF MUSIC

CERTIFICATE

This is to certify that Dr. Pooja P. Sundaram, Assistant Professor, HoD, Department of Music, Govt. Maharaja's College, Ernakulam has guided Smt. Vani Venugopal: for her project work under Aspire Scholarship Scheme, instituted by Govt. of Kerala for the work titled "Ramanatakam of Sri. Arunachala Kaviyar".

Place: Kalady Date: 20.11,2017 Dr Preethy K. Head of the Department



SREE SANKARACHARYA UNIVERSITY OF SANSKRIT

(Accredited by NAAC with 'A' Grade)
KALADY, ERNAKULAM, KERALA – 683 574
Phone: 0484-2463380

DEPARTMENT OF MUSIC

CERTIFICATE

This is to certify that Dr. Pooja P. Sundaram, Assistant Professor, HoD, Department of Music, Govt. Maharaja's College, Ernakulam has guided Kum. Prima Pradeep for her project work under Aspire Scholarship Scheme, instituted by Govt. of Kerala for the work titled "Music in Ottanthullal: An analysis based on Rukmini Swayamvaram of Kunchan Nambiar.

Place: Kalady Date: 20.11.2017 Dr Preethy K. Head of the Department



SREE SANKARACHARYA UNIVERSITY OF SANSKRIT, KALADY DEPARTMENT OF MUSIC

No.DS/Music/ASPIRE/SSUS/2018

Dated: 15.03.2018

RELIEVING ORDER

Ref: 1. Request from Ms.Petreeza Sabu

Ms. Petreeza Salou, MA Music Final Year student of this University has been selected for the ASPIRE Scholarship for the year 2017-18. Vide the request referred above, Ms.Petreeza Sabu has requested to relieve her from the department to undertake internship/project from16.03.2018

After considering the above, Ms. Petreeza Sabu is hereby relieved from the department w.e.f 16.03,2018 to conduct the internship/period for a period of 1 month from 19.03.2018 to 18.04.2018 at Maharajas College, Ernakulam under the guidance of Pooja P.Balasundaram, Assistant Professor & Head.

She is directed to report before the Head of the Institution/Department in which the internship/project work is being conducted and shall obtain a Joining Report at the time of joining and Relieving Order from the Head of the Institution on completion of the project

> Head of the Department Department of Music

To

Ms,Petreeza Sabu

Copy to:
1. The Head of the Department/Institution
2. PS to Registrar

Scanned by CamScanner





Griff	ed that Shiff Seed
	Student, Il A Economics(Honauss), Maharaja's College, Ernakalam
parli	pated in the baining programme on
	Local Governmee Interface (Internship Programme)
Ren	
	DIRECTOR (
	SPECIAL GRADE PRINCIPAL MAHARAJA'S COLLEGE ERNAKU



Certified that Shri. Smt	Nimmy Sha	mnad
Student, BA Econon	nies(Honours), Maharaja's	College, Exnakulam
participated in the training p	rogramme on	***************************************
Local Governan	ce Interface (Internship I	Programme)
from 04.01.2019	to17.01.2019	at KILA
	Sent of 10ch	BPECIAL OF A
		Pinnana
	THE STATE OF THE S	DIRECTOR
	ray/ssim car	



Certified	that Shri. Smt		Rehana P.R	
	ndent-BA Econon	ries(Honours), Maharaja's :	College, Ernukulan
participa	ited in the training p	orogramme on		•••••
	Local Governan	ce Interface	(Internship P	rogramme)
from	04.01.2019		7.01.2019	al KILA
		Marin or to	MAHARA	RADE PRINCIPAL JA'S COLLEGE VAKULAN
				DIRECTOR &
		Series .	3074	



© Yee 45 . 4 73% **1** 16:58







Kerala Institute of Local Administration
Mulamkunnathukavu P.O, Thrissur - 680 581

CERTIFICATE

Certified that Shr		La Mariana	.Rahana Sub	gip	
Suident.	BA Econom	ites(Honour	s), Maharajale (olloge, Ernakula	m
participated in t	he training p	<u> падхатте</u> оп		1924-1927/1221/1422/27	
			(Internship P	rogramme)	
04.	01,2019		17.01.2019	at KILA	
hun	3.230000			Epidoro La Carta	



DIRECTOR



Certified	l that Shri. Smt	Shilpa-K-I	B
s	tudent, BA Econo	omies(Honours); Maharaja	's College, Ernakulam
particip	ated in the training	programme on	
	Local Governa	ince Interface (Internship	Programme)
from	04.01.2019		at KILA
		STUTE OF TOCAL PROPERTY OF THE PARTY OF THE	SPECIAL GRADE PRINCIPAL MAHARAJA'S GOLLEGIS ERI POLLAN
			DIRECTOR

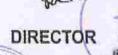




Certified the	ıt Shui. Smt		Shilpa.M.C		
Stud	lenk-B4 Econon	nics(Honor	urs), Maharaja'	s College, Ernakul	am
participate	d in the training p	rogramme	va	****************	
	Local Governar	ce Interfa	ce (Internship	Programme)	
from	04.01.2019	<i>l</i> a	17.01.2019	at KILA	











Kerala Institute of Local Administration

Mulamkunnathukavu P.O, Thrissur - 680 581

Certified that Shri. Smt	Sreelakslimi.V.J
Student, BA Economics (F.	Ionoues), Maharaja's College, Ernakulan
participated in the training progra	unme on
Local Governance In	terface (Internship Programme)
from 04.01.2019 to	17.01.2019 at KILA





Appendix-II

PROJECT COMPLETION CERTIFICATE (FOR ASPIRE SCHOLARSHIP - 2017-18)

This is to centry that Se/Smt. SAVITHA SAJAN PG. student of MAHARAJAS COLLEGE, FRNAKULAM attiliated to. St. Peter's College, Kollenchery—has successfully completed his/her Aspire.
Scholarship Project/Internship anused. Application of Payophy I.C. on Removal of Charmium, within the stigurated month on from April to May under the guidance of Frotion Manyie M. R. or our St. Pater's College. Kollenshory) institution

> DESTRUPTE A Name & D-RRINGISAL Pater's College, Kolenci

Name & Designation (Stude of Host Institution)

ENCHERY

(Principal/HOD/Institution)

Dr. REJI M.A. PRINCIPAL St. Peter's College, Kolenchery

Enal 1) Project Report

2) Attendance certificate from parent institution(as per notification dated ...)

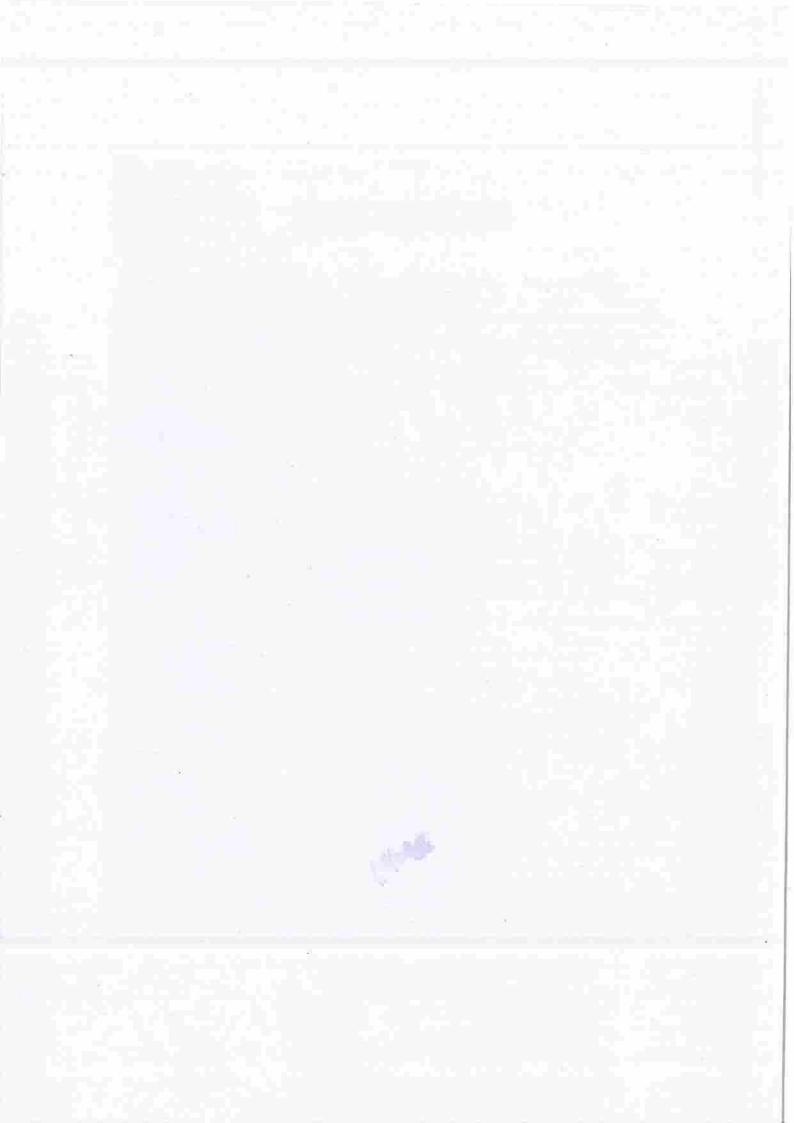
ERA

Phote Triebj

SPECIAL GRADE PRINCIPAL MAHARAJA'S COLLEGE ERNAKULAN

Printed On: 30/05/2016 13:10

to therein a trademak intornation Contemplitty Results



No. Institution Address

MEMO

Sub: Coll.Edu.Aspire Scholarship-Selected Student-relieving Certificate-reg

Ref:S1/100568/18...Dated...05/03/2018.....

You are selected for the Aspire Scholarship for the year 2017-18 based on your application and the Institution selected for doing the Project/Internship (St. Teresa's College, Kochi). you are requested to get relieved from your parent Department/Institution (MAHARAJAS COLLEGE, ERNAKULAM) within three days of reciept of this Memo/SMS. After joining the host institution, joining report in the prescribed format appended/enclosed should be forwarded to the Director of Collegiate Education within 7 days of joining.

DIRECTOR OF COLLEGIATE EDUCATION (Sd/-)

Name : NEETHU . P. C Date : 13/04/2018

Copy to : HOD of Parent Institution

HOD of Host Institution



Appendict PROJECT COUNTERIOR CONTRICATE (FOR ASPIRE SCHOLARSHIP - 2017-48) THE ASSESSMENT SHOWN AND ASSESSMENT OF THE SECOND OF MANAGEMENT ASSESSMENT AS » Callage, Kecff) Histilidion-Name & Designmen (Service of Heat Vertillation) Cir. D. SHEEH, A Associated Social Decision of Notion is College & Eurobalderic St. Tereban is College, Eurobalderic Principle (Dr. Consequences En la consequences Emphasiasm Energy Project Reports gylorendarica materiale from parent assignator (13.09) (concessor noted...) P Service (Editoria (Elementes George (EGC) Service Piliper on appointed to on-

No. Institution Address

MEMO

Sub: Coll.Edu.Aspire Scholarship-Selected Student-relieving Certificate-reg

Ref:\$1/100568/18...Dated...05/03/2018.....

You are selected for the Aspire Scholarship for the year 2017-18 based on your application and the Institution selected for doing the Project/Internship (St. Teresa's College, Kochi). you are requested to get relieved from your parent Department/Institution (MAHARAJAS COLLEGE, ERNAKULAM) within three days of reciept of this Memo/SMS. After joining the host institution, joining report in the prescribed format appended/enclosed should be forwarded to the Director of Collegiate Education within 7 days of joining.

DIRECTOR OF COLLEGIATE EDUCATION (Sd/-)

Name: SWANILA N S Date: 31/05/2018

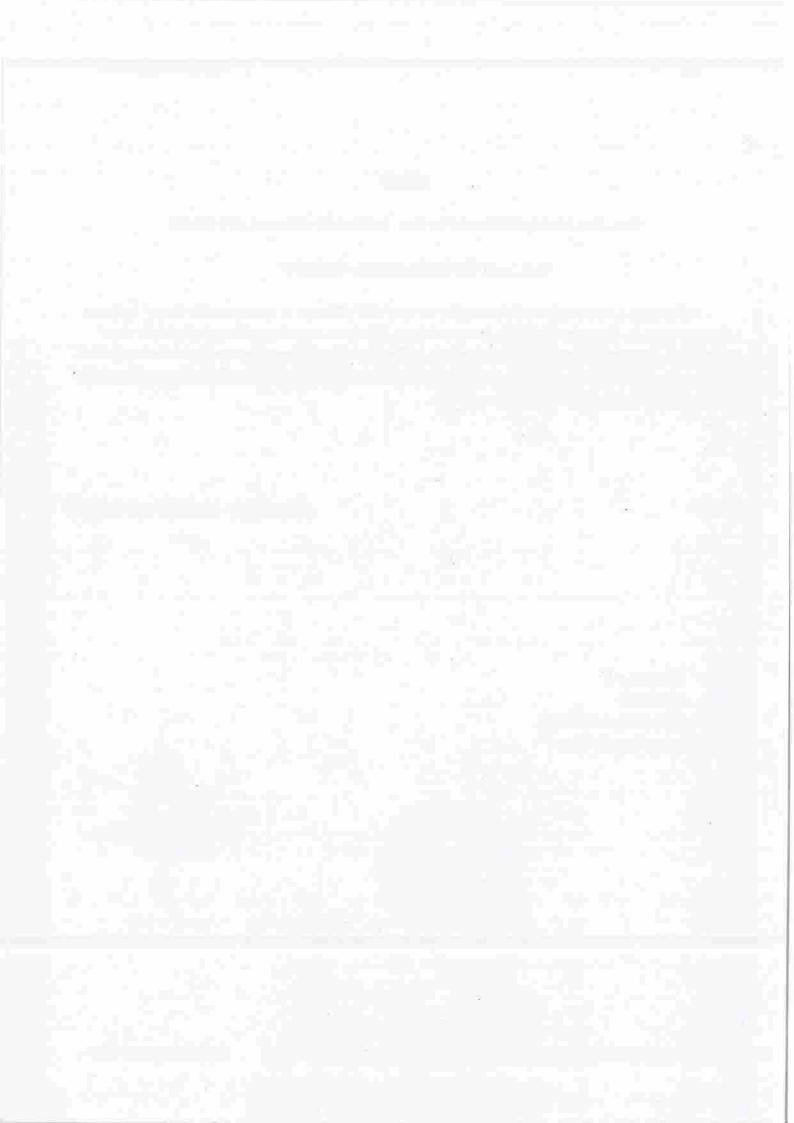
Copy to : HOD of Parent Institution

HOD of Host Institution

GE ERNAR SAPITATION OF THE PROPERTY OF THE PRO

SPECIAL GRADE PRINCIPAL MAHARAJA'S COLLEGE ERNAKULAM

Printed On: 31/05/2018 23:53



Appendis-II

PROJECT COMPLETION CERTIFICATE

(FOR ASPIRE SCHOLARSHIP - 2017-18)

This is to certify that Sri/Smt. AMRUDIA. P.A. student of MAHARAJAS. COMMU. allillated to MGJINWARAHAS successfully completed his/her Aspire Scholarship Project/Internship entitled DIMERSPTM. OF ALCHEM IN EGRATICAL GRADIA. PANCILLY ARRESTS AND PROJECT OF ALCHEM.

the stipulated month(s) from 13.4 - 3013, to 1.3.5 - 2016, under the guidance of Prof/Dr. $\Delta N30.P.Y$. — of our(ST. Thomas college) institution.

Shinature

Name & Designation

DR CD Varghose

(Head of the Host Institution)

De pt. J. Mislauf Ten

(Guide of Host Institution)

(Office Seal)

THE PART OF THE PA

Dr. ANTO P.V., Ph.D Assistant Professor Department of Botsoy Gt. Thomas College Thelasur - 689 901

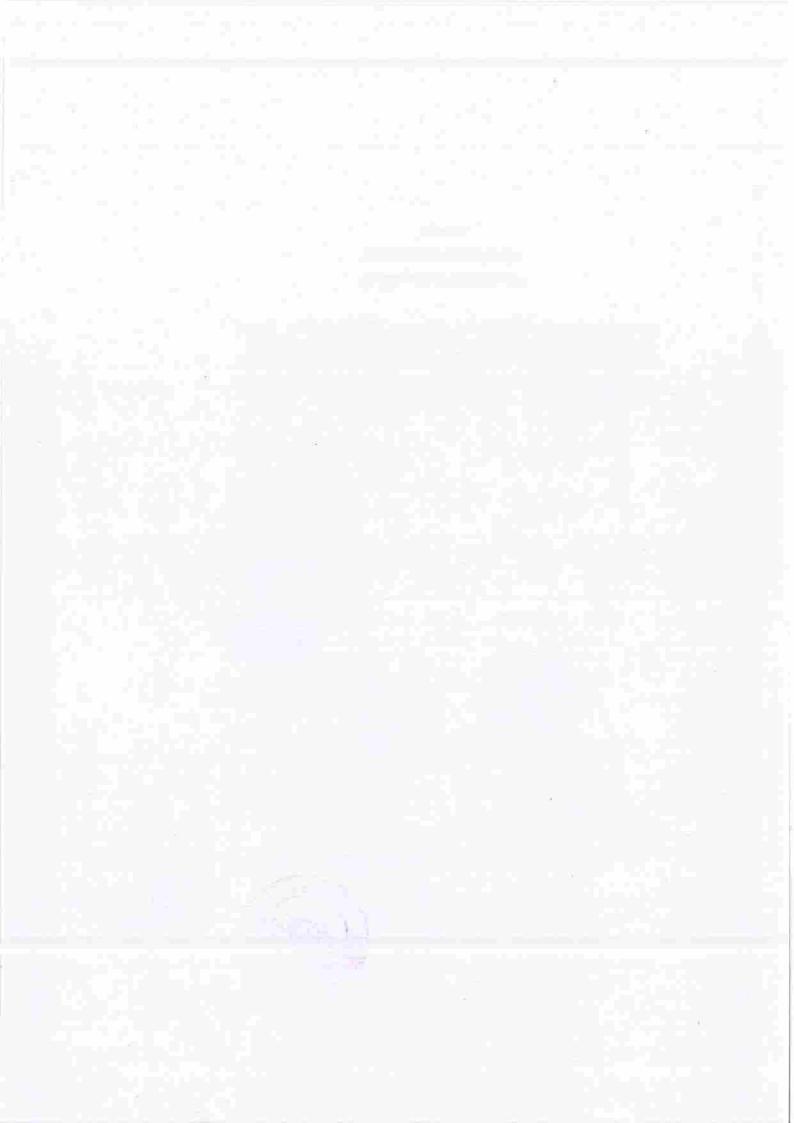
(Principal/HOD/Institution)

Dr. Ignatius Actory Principal St. Thomas College (Autonomous) Thristur - 680 901

Encl:1) Project Report

2)Attendance certificate from parent institution(as per notification dated.....)

IT Services: National Informatics Center (NIC), Kerala Page 1/(nb) Printed On: 29/03/2018 21:57





दि फर्टिलाइजर्स एण्ड केमिकल्स ट्रावनकोर लिमिटेड THE FERTILISERS AND CHEMICALS TRAVANCORE LIMITED

(SET ALSO SEED) (A Government of bulla Enterprise).

प्रशिक्षण केन्द्र / TRAMING CENTRE पुण्डामा / Hubs Colum अमेर्गमान / Gayagana and - 662,601 (1914 / Pharia: GUA4 - 1567603, 2596760, 25558021, 2507403, 2567360, 2567407, 2567424, 2667798 5-her, Great Indicapating con

DGM (TRG)-CERT-PW/578/2016

29.11.2016

CERTIFICATE

Certified that Ms, SHEETHAL T S, BSc(Environment and Water Management Course)student of Maharajas College, Ernakulam, has successfully completed her Project Work Titled "EFFLUENT TREATMENT & ITS ANALYSIS, in FACT Ltd., during the period of 21" November 2016 to 29th November 2016.

M. Gunasekarau Sr.Manager (Trg)





Tiber andre out, minera Regii Gres Bloot Uityiganamat





दि फरिलाइजर्स एण्ड केमिकल्स ट्रावनकोर लिमिटेड THE FERTILISERS AND CHEMICALS TRAVANCORE LIMITED

(spin area of sun)/ (A Government of India Emarphso)

uring केन्द्र / TRAINING CENTRE macter / Hand Office authories / Udyngamandas - 863 501 \$THM / Phone : 0484 - 256/583, 2558750, 2559621, 2587423, 2567380, 2567467, 2567424, 2567798 † Nev, Ermit : Indo@factitit.com

DGM (TRG)-CERT-PW/580/2016

29.11,2016

CERTIFICATE

Certified that Mr. BINSHAD V H, BSc(Environment and Water Management Course)student of Maharajas College, Ernakulam has successfully completed his Project Work Titled "EFFLUENT TREATMENT & ITS ANALYSIS, in FACT Ltd., during the period of 21⁸ November 2016 to 29th November 2016.

M.Gunasekaran Sr.Manager (Frg)





पंजाकृत कार्यालय ः एत्र, उद्योगपद्यत् Regd Office Elect, Udyogamandal



SPECIAL GRADE PE MAHARAJA'S CUILLE ERNAKULAM



いいいいしい いってい いいいいい いいいいいいいいいんしん

हिन्दुस्तान इन्सैक्टिसाइड्स लिमिटेड

(भारत सरकार का उद्यम) HINDUSTAN INSECTICIDES LIMITED

(A GOVERNMENT OF INDIA ENTERPRISE) सो आई एन CIN : U24211DL 1954GOI002377

10 0001 15/ ISO 14001 & IS 18001 CERTIFIED COMPANY









उद्योगमण्डल UDYOGAMANDAL 683 501 भोगी, मेराण भारत KOCHI, KERALA, INDIA मोन PHONE 0484-2545121 to 2545123 देख्य FAX 0484 -2545464 ह-सेन E-MAIL : hilldl@dalaone.in

हमेरा दिनों में पत्र व्यवहार करके देश का गीरम पदाए । इस कार्यात्स में, हिन्दों में प्रान पत्रों का रुकाण है ।

PE-4/185

31.08.2016

CERTIFICATE

This is to certify that Ms Haritha N P, Reg No 140011008226, MSc (Pharmaceutical Chemistry) student of Maharajas College, Ernakulam has undertaken Project work on the topic "Study of Removal of PP'DDT and Dicofol from Waste water by Advanced Oxidation Process and Conventional Treatments" in our Company from 16.01.2016 to 15.04.2016 as a partial fulfillment for the award of MSc.

We wish her all success.

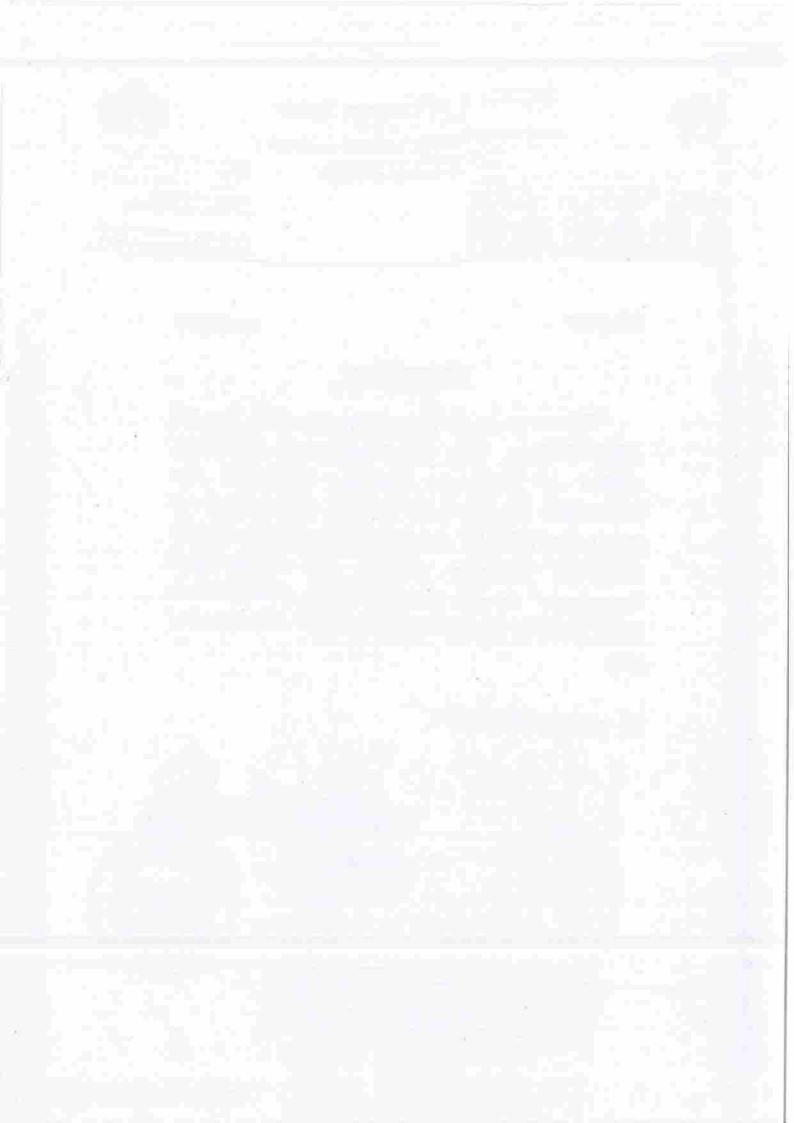
EGE ERNANDA

DY. MANAGER (HR &ADMN)

SPECIAL GRADE PRINCIPAL MAHARAJA'S COLLEGE ERNAKULAM



एक्कून बन्तिया बोर-६ एक्किए धीमन, ध्योप बोमलंडम, र सार्टी सह, वर्ष दिन्ती - 110मन bept force force & 2nd floor Scott Compare 7 leady Road New Delty 110 मार्ट brances 115 (4415717) है मान ह-ताल स्थापित हुएका मेंगायाद प्रस्तात wom by हुएका क्रम्य इंग्यूटन पूर्विट स्थापनी, प्रीटिए Comp Production From Receive Compare





2016 2 2703 782 2 7 000 281 Fax; 91-484-27003375 c-mail: 01viourneet a kulioas in vibine: 22753460 at it

CERTIFICATE

this is to certify that the project work entitled "ADSORPTION OF CHROMIUM FROM AQUEOUS SOLUTIONS USING CHITOSAN-VERIFICATION OF FREUNDLICH ADSORPTION ISOTTICERM" is an authentic record of the project work carried out by Micelsy K.S. under my supervision and guidance at the 'Department of Fishers Hydrographs, Kerala University of Fisheries and Ocean Studies, Panagao, in partial fulfilment of the requirements for the award of degree of Master of Science in Chemistry under the faculty of science of Masharaja's college, University of Mahatma Guidhi, during the academic year 2015-2017.

paragad 23/05/2017 Dr AmiGopffalli (supervising Golde)

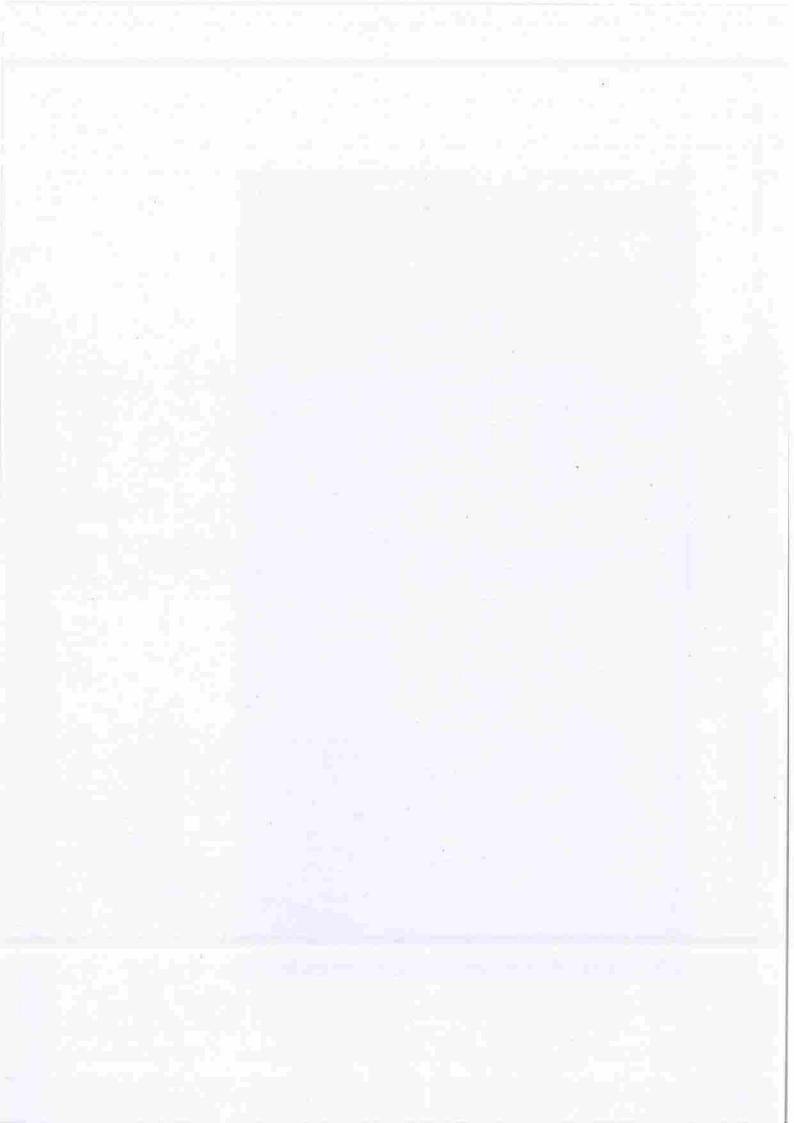
Assistant Professor in

Chemical Oceanography

Dept of Fishery Hydrography

KUFOS Kochi

Or. ANU GOPINATH
Assistant Protessor in Change of Connections of Parties in Change of Parties at Connection of Parties at Connection of Parties at Connection of Parties at Account States.
Parties at Account States of Parties at Account States.







Dr. Anna Abraham Pachayil has completed the

FLAIR INTERNATIONAL INTERNSHIPS programme

with the University of Derby during

February-March 2016

At the end of the four week internship, the faculty members (interns) would have completed the following:

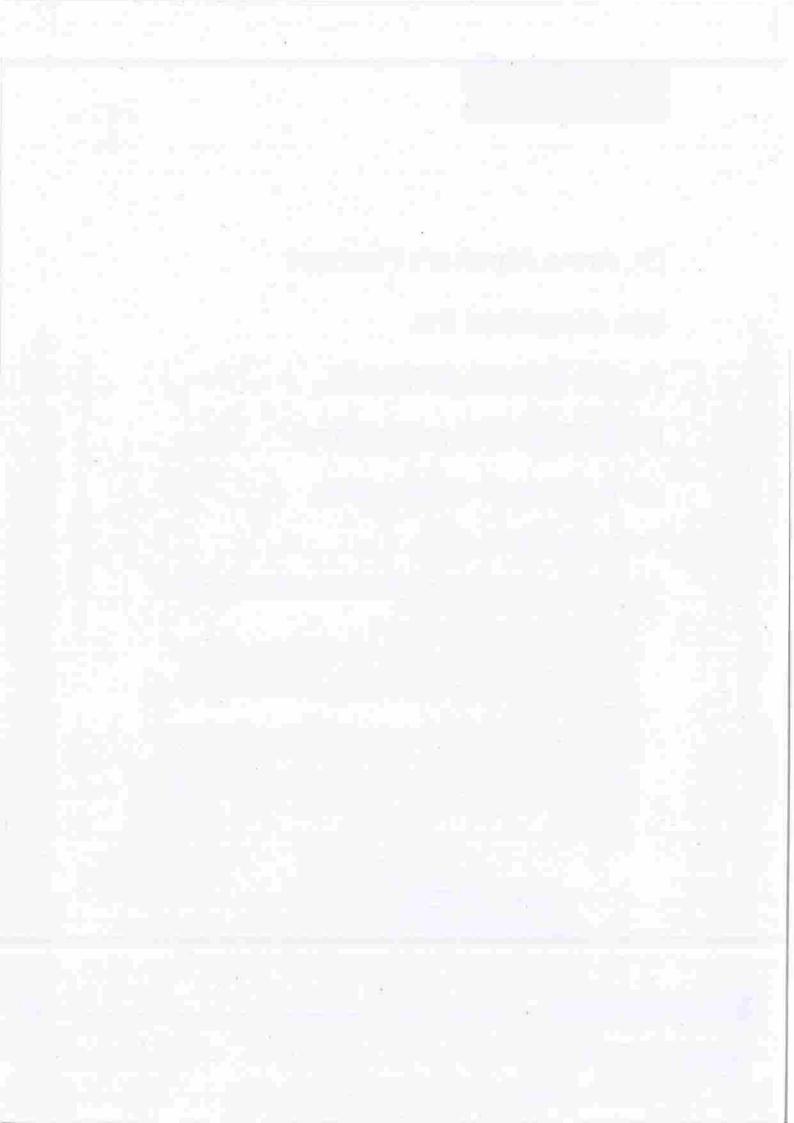
- 1. Observation of the teaching sessions
- Preparation of a report of a good practice in learning-teaching and research (based on involvement/interactions with the mentor) being followed in the host University (UK University) that can be adopted in the home institution.
- Presentation of the best practices report before the mentor/peer group representatives and Programme Director FLAIR in the host University.
- 4. Sharing of academic experiences of the intern in the Indian Context with the mentor/peer group in meetings, seminars or informal discussions.

SPECIAL GRADE PRINCIPAL MAHARAJA'S COLLEGE ERNAKULAM

Head of Department of Professional Studies: Fiona Shelton



College of Education



CERTIFICATE

"FUNCTIONALISATION OF MULTIWALLED CARBON NANOTUBES AND IT'S COMPOSITES WITH NATURAL RUBBER" is an authentic record of original work done by ATHIRA A.S under my supervision and guidance in the partial fulfillment of the requirement for the award of the degree of MSc. Chemistry of Mahatma Gandhi University. I further certify that no part of this dissertation has been submitted earlier for the award of any degree or assistantship of any other university or institution.

Dr. RANI JOSEPH

(Emeritus professor, PS&RT, CUSAT)

Prof. Neena Jiby (co-guide)
(ASST.PROFESSOR, VICTORIA COLLEGE, PALAKAD)



CERTIFICATE

This is to certify that the report entitled

"FUNCTIONALISATION OF MULTIWALLED
CARBON NANOTUBES AND IT'S COMPOSITES
WITH NATURAL RUBBER"

has been submitted by

ATHIRA A.S

Reg.No:120011007963

In partial fulfillment of the award for the degree in MASTER OF SCIENCE IN APPLIED CHEMISTRY

OF

MAHATMA GANDHI UNIVERSITY during the academic year 2012-2014.

Head of the Department

Submitted for the examina	ation held on:
Examiners:	
1)	2)

CERTIFICATE

"FUNCTIONALISATION OF MULTIWALLED CARBON NANOTUBES AND IT'S COMPOSITES WITH NATURAL RUBBER" is an authentic record of original work done by JIYA JOSE under my supervision and guidance in the partial fulfillment of the requirement for the award of the degree of MSc. Chemistry of Mahatma Gandhi University. I further certify that no part of this dissertation has been submitted earlier for the award of any degree or assistantship of any other university or institution.

Dr. RANI JOSEPH

(Emeritus professor, PS&RT, CUSAT)

Prof. Neena Jiby (CO-GUIDE)

(ASST.PROFESSOR, VICTORIA COLLEGE, PALAKAD)



MAHARAJA'S COLLEG ERNAKULAM

Scanned by CamScanner

CERTIFICATE

This is to certify that the report entitled

"FUNCTIONALISATION OF MULTIWALLED CARBON NANOTUBES AND IT'S COMPOSITES WITH NATURAL RUBBER"

has been submitted by

JIYA JOSE

Reg.No:120011007673

In partial fulfillment of the award for the degree in

MASTER OF SCIENCE IN ANALYTICAL

CHEMISTRY

OF

MAHATMA GANDHI UNIVERSITY during the academic year 2012-2014.

Head of the Department

Submitted for the examination held on:

Examiners:

11



20222333



उद्योगमंडल UDYOGAMANDAL - 683 501 कोची, केरल, भारत Kochl, Korala, India. फोन Phone: 0484-2545121 to 2545123

फैक्स Fax: 0484-2545464 ई-मेल E-mail : hilludi@dataone.in



हिन्दुस्तान इन्सैक्टिसाइड्स लिमिटेड

(भारत सरकार का उद्यम)

HINDUSTAN INSECTICIDES LIMITED

(A GOVERNMENT OF INDIA ENTERPRISE)

आई एस/आई एस ओ 9001& आई एस/आई एस ओ 14001 प्रमाणित कंपनी AN IS/ISO 9001 & IS/ISO 14001 CERTIFIED COMPANY

हमेशा हिन्दी में पत्र व्यवहार करके देश सा गौरव बढाए इस कार्यालय में हिन्दी में प्राप्त पत्रों का स्वागत है

CERTIFICATE

This is to certify that Ms RESHMA AMBROSE (Reg .No 120011008155), has worked on the project entitled "PURIFICATION AND CRYSTALLISATION OF DICOFOL" at the R&D department, HIL for the partial fulfilment of the degree of MASTER OF SCIENCE IN PHARMACEUTICAL CHEMISTRY, Department of Chemistry, Maharajas College Ernakulum

Date: 01/10/2014

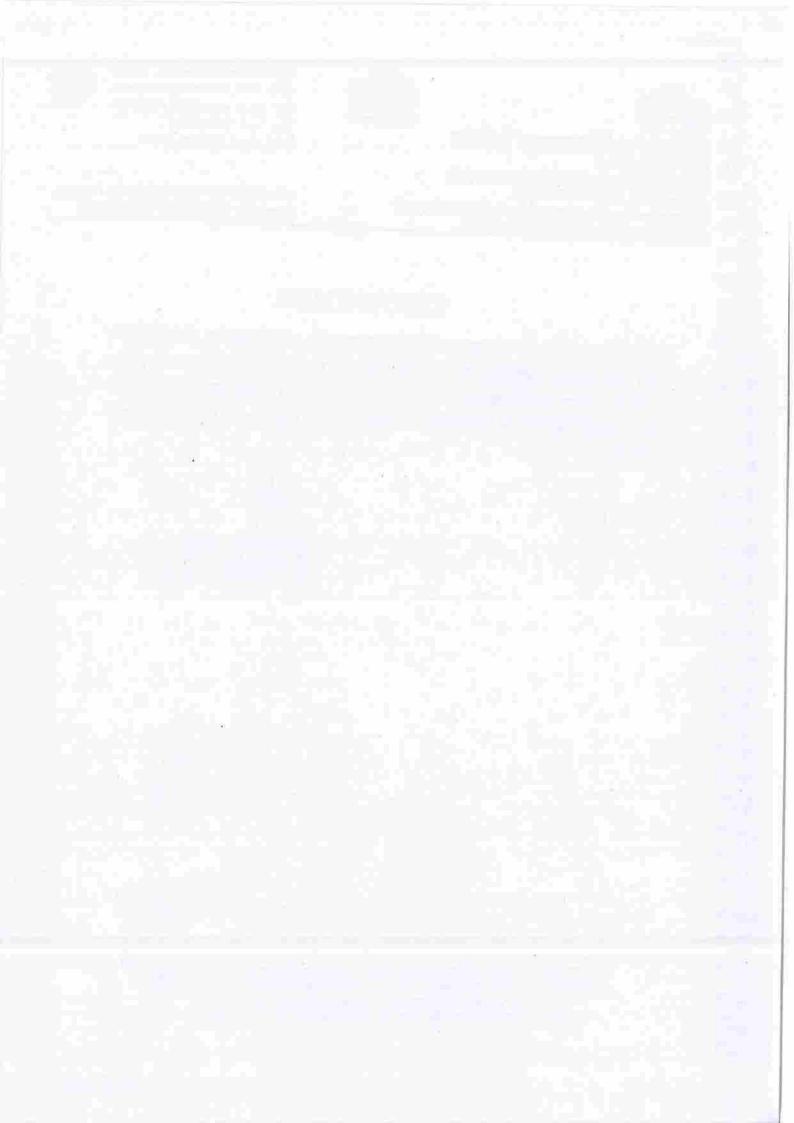
Dr.V.Babu Development chemist R&D Department. HIL Udyogamandal, Ernakulum



SPECIAL GRADE PRINCIPAL MAHARAJA'S COLLEGE ERNAKULAM

पंजीकृत कार्यालय : स्कोप काम्मलेकस, कोर 6-, द्वितीय मंजिल, 7 लोडी रोड, नई दिल्ली - 110003 Regd. Office: SCOPE Complex, Core-6, 2nd Floor, 7 Lodi Road, New Delhi - 110003 फैक्स Fax : 01124362118, ईमेल E-mail : hq@hil.gov.in, वेब Web : www.hil.pov.in अन्य उत्पादन यूनिट : रसायनी, बठिंडा Other Production units : Rasayoni, Bathinda

S TOTAL





SMITHA WADANAN

has attended and completed a range activities relating to the FLAIR programme, from 11th February to 6th March 2015

Including:

- · Classroom observations in their subject areas
- Meetings with Academic staff and Directors of Research
- Workshops relating to:
 - Introduction to UK Educational context and the Higher Education Landscape
 - Planning for claiming Associate Fellowship of the HEA
 - o Academic Staff Development in the UK
 - Intercultural Communication
 - Assessment Mapping
- Work-shadowing with Dr Debbie Holley, Dr Mike Hobbs and Dr Paulette Luff
- Networking sessions with staff and students across all Faculties
- Learning & Teaching in Practice with Dr Jaki Lilly

Dr Simon Pratt-Adams

Deputy Dean International & External Income

Faculty of Health, Social Care & Education

This is not evidence of an Anglia Ruskin University Award or Qualification







भारतीय प्रबंध संस्थान वस्तुए, अञ्चलवाद ३८० ०१५ INDIAN INSTITUTE OF MANAGEMENT Visitapus, Ahmedabad 180 ०१५

INTERNATIONAL COLLABORATIVE RESEARCH

CERCIPICATE OF PARTICIPATION

Table 1908 Mrs. New Mercula faculty of Communicate Department Matherial's College Ernakaland and the translation of the College In the Profession the Translational Recommunity Industrial the Aria GCC Coeribor. The involvement was part of the state of t

zer macyariket

Transportation of Alapanentery Area

Sugaragio bond

Phone: 01 - 79 6632 Min + Fax: 91 - 79 - 6632 6006, 2630 5896 + Website: http://www.limahille.met.ic.

STEEL CHARLES COLLEGE



भारतीय प्रबंध संस्थान वस्तुर, अहमदाबाह 380 015 INDIAN INSTITUTE OF MANAGEMENT Vastrapur, Ahmedabad 380 015

INTERNATIONAL COLLABORATIVE RESEARCH

CERTIFICATE OF PARTICIPATION

CVENTE Link Dr. Vinceth K. M. paulis as Compressed Department Mahasaja's College Errakaland, See the for participated as district college constituent for data collection with appear of students for the Field Research Project on the Transmittoinal Reconfinent Industry in the Axia GCC Corridor. The oversteened to be a only sportsoned by Internalianal Organization for Migration (IOM) Karvan office, and executed by Indian Institute of Management Akmediahad (IPMA) and Marthonia College of Vice general and Exchanling (MCMAY) Permitureous.

Mer Tan Amerikan

From Aller Sonia Management Ager

1,500,000

Phone: (1 79 -6832 1455 - Fax: 91 -79 -6632 8896, 2630 6895 - Website: http://www.imabd.cook.jn.



SPECIAL GRADE PRINTERIVAL ERIVAKULAM

INTEGRATED RURAL TECHNOLOGY CENTRE (IRTC)

Registered under TC Societies Act XII, 1955, Reg. No. 290/95 (Supported by: D.S.T., Govt. of India & K S C S T €., Govt. of Kerala)

Mundur, Palakkad, Kerala - 678 592, Ph / Fax: 0491 2832324, 2832663 Web: www.lrtc.org.in, E-mail: irtcpalakkad@gmail.com

CERTIFICATE

This is to certify that Kum.Annie Baby, B.Sc. Chemistry (Environment and Water Management) Student of Maharaja's College, Eranakulam has successfully completed the Project work titled "Quantification of Methane from Domestic Biogas Plant and Detection of Coliform Bacteria from Plant Slurry" at Integrated Rural Technology Centre (IRTC) Mundur, Palakkad, under the supervision and guidance of Mahesh.E, Scientific Assistant during the period from the month of 5th January 2016 to 14th January 2016 for the partial fulfillment of the requirements for the award of B.Sc. Degree from M.G University.

I further certify that she had completed all the assigned works and duties to our complete satisfaction and had impressed me with her dedication and constant strive for excellence in work.

She bears a good character & conduct.

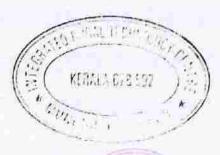
Mundur

242562000

3

...

14.01.2016



Prof.B.M.Musthafa

Research Co-ordinator



QUANTIFICATION OF METHANE FROM DOMESTIC BIOGAS PLANT AND DETECTION OF COLIFORM BACTERIA FROM PLANT SLURRY

Project Report

Submitted in Partial Fulfilment of the Requirements for the Degree of

Bachelor of Science

2887777777777999999

In

Chemistry (Environment and Water Management)

Ву

ANNIE BABY

Reg No:130021028736



DEPARTMENT OF CHEMISTRY MAHARAJA'S COLLEGE ERNAKULAM



SPECIAL GRADE PRINCIPAL MAHARAJA'S COLLEGE ERNAKULAM

INTEGRATED RURAL TECHNOLOGY CENTRE (IRTG)

Registered under TC Societies Act XII, 1955, Reg. No. 290/95 (Supported by: D.S.T., Govt. of India & H.S.C.S.T., Govt. of Kerola)

Mundur, Palakkad, Kerala - 678 592, Ph / Fax: 0491 2832324, 2832663 Web: www.irtc.org.in, E-mail: irtcpalakkad@gmail.com

CERTIFICATE

This is to certify that Kum.Arya Sukesan, B.Sc. Chemistry (Environment and Water Management) Student of Maharaja's College, Eranakulam has successfully completed the Project work titled "Quantification of Methane from Domestic Biogas Plant and Detection of Coliform Bacteria from Plant Slurry" at Integrated Rural Technology Centre (IRTC) Mundur, Palakkad, under the supervision and guidance of Mahesh.E, Scientific Assistant during the period from the month of 5th January 2016 to 14th January 2016 for the partial fulfillment of the requirements for the award of B.Sc. Degree from M.G University.

I further certify that she had completed all the assigned works and duties to our complete satisfaction and had impressed me with her dedication and constant strive for excellence in work.

She bears a good character & conduct.

Mundur

14.01.2016

Prof.B.M.Musthafa

Research Co-ordinator

SPECIAL GRADE POLITICO

QUANTIFICATION OF METHANE FROM DOMESTIC BIOGAS PLANT AND DETECTION OF COLIFORM BACTERIA FROM PLANT SLURRY

Project Report

Submitted in Partial Fulfilment of the Requirements for the Degree of

Bachelor of Science

In

Chemistry (Environment and Water Management)

By
ARYA SUKESAN
Reg No:130021028738



DEPARTMENT OF CHEMISTRY
MAHARAJA'S COLLEGE
ERNAKULAM

MAY 2016

SPECIAL GRADE PRINCIPAL MAHARAJA'S COLLEGE ERNAKULAM

INTEGRATED RURAL TECHNOLOGY CENTRE (IRTC)

Registered under TC Societies Act XII, 1955, Reg. No. 290/95 (Supported by: D.S.T., Govt. of India & H.S.C.S.T., Govt. of Kerola)

Mundur, Palakkad, Kerala - 678 592, Ph / Fax: 0491 2832324, 2832663 Web: www.irtc.org.in, E-mail: irtcpalakkad@gmail.com

CERTIFICATE

This is to certify that Kum.Aryamol Santhosh, B.Sc. Chemistry (Environment and Water Management) Student of Maharaja's College, Eranakulam has successfully completed the Project work titled "Quantification of Methane from Domestic Biogas Plant and Detection of Coliform Bacteria from Plant Slurry" at Integrated Rural Technology Centre (IRTC) Mundur, Palakkad, under the supervision and guidance of Mahesh.E, Scientific Assistant during the period from the month of 5th January 2016 to 14th January 2016 for the partial fulfillment of the requirements for the award of B.Sc. Degree from M.G University.

I further certify that she had completed all the assigned works and duties to our complete satisfaction and had impressed me with her dedication and constant strive for excellence in work.

She bears a good character & conduct.

Mundur

14.01.2016

Prof.B.M.Musthafa

Research Co-ordinator

INTEGRATED RUBAL TECHNOLOGY GENTRE (1876)

Registered under 16 Societies Rd XII, 1955, Reg. No. 290/95 (Supported by D.S.T., Gove. of India 6 K.S.C.S.T.C., Gove. of Kerolo.)

Mundur, Polokkad, Kerala - 678 592. Ph / Fax : 0491 2832324, 2832663 Web - www.intc.org in E-mail: atepalakkad@gmail.com

CERTIFICATE

This is to certify that Kum. Alchila Mol.M. B.Sc. Chemistry. (Unvironment and Water Management) Student of Maharaja's College Eranakulan, has successfully completed the Project work titled "Quantification of Methane from Domestic Biogus Plant and Detection of Coliform Bacteria from Plant Shirry" at Integrated Rural Technology Centre (IRTC) Mundur, Palakkad, under the supervision and guidance of Mahesh.E. Scientific Assistant during the period from the month of 5th January 2016 to 14th January 2016 for the partial fulfillment of the requirements for the award of B.Sc. Degree from M.G University.

I further certify that she had completed all the assigned works and duties to our complete satisfaction and had impressed me with her dedication and constant strive for excellence in work.

She bears a good character & conduct.

Mundur

1.01.2016

Prof.B.M.Musthafa

Research Co-ordinator



SPECIAL GRADE PRINCIPAL MAHARAJA'S COLLEGE ERNAKULAM

INTEGRATED RURAL TECHNOLOGY CENTRE (IRTC)

(Registered under It Satistics Act 13, 1955 Reg No. 20095)

(Supposes by: D.S.T., Govern India & H.S.C.S.T.E., Govern It Korolo.)

Mundur, Palakkad, Kerala - 678 592. Ph. Fax: 6491 2832324, 2832663

Neb. www.irtc.org.in, 8-mail , irtopalakkad@gmail.com

CERTIFICATE

This is to certify that Knim-Vijayalakshmi.T.S. B.Sc. Chemistry (Environment and Water Management) Student of Maharaja's College, Eranakulam has successfully completed the Project work titlett "STUDY OF NPK VALUES OF TREADY TO USE BIOFERTILIZER SEURRY FROM PIGFARM BIOGAS PLANT AND SOIL CHARACTERISTICS OF THE STUDY AREA" at Integrated Rural Technology Centre (IRTC) Mundur, Palakkad, under the supervision and guidance of Mahesh.E. Scientific Assistant, during the period from the month of 5th January 2016 to 14th January 2016 for the partial fulfillment of the requirements for the award of B.Sc. Degree from M.G. University.

I further certify that she had completed all the assigned works and duties to our complete satisfaction and had impressed me with her dedication and constant strive for excellence in work.

She bears a good character & conduct.

Mundur

14.01.2016

Prof.B.M.Musthafa

Research Co-ordinator





INTEGRATED RUBAL TECHNOLOGY CENTRE (TRTC)

Registered under TC Sociation Art III, 1955, Reg. No. 290/95 (Supported by: 0.5.1. Govt. of India & R.S.C.S.T.E., Govt. of Necola)

Mundur, Palakkad, Kerala - 678 592. Ph / Fax : 0491 2832324, 2832663 Web www.irta.org.in, E-mail intopalakkad@gmail.com

CERTIFICATE

This is to certify that Kum, Harceshma Rajeev, B.Sc. Chemistry (Environment and Water Management) Student of Maharaja's College, Eranakulam has successfully completed the Project work titled "An Analysis and Assessment of Nutritive Value of Vermi and Windrow Compost" at Integrated Rural Technology Centre (IRTC) Mundur, Palakkad, under the supervision and guidance of Preethamol.P.K., Scientific Assistant, during the period from the month of 5th January 2016 to 14th January 2016 for the partial fulfillment of the requirements for the award of B.Sc. Degree from M.G University.

I further certify that she had completed all the assigned works and duties to our complete satisfaction and had impressed me with her dedication and constant strive for excellence in work.

KUSALA ART \$12

She bears a good character & conduct.

Mundur

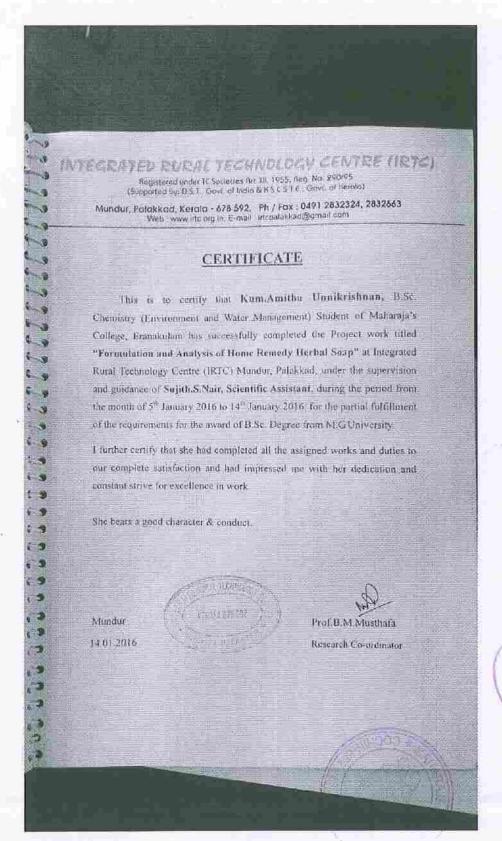
3

14.01.2016

Prof.B.M.Musthafa

Research Co-ordinator

SPECIAL GRADE PRINCIPAL MAHARAJA'S COLLEGE ERNAKULAM



COM GRADE PRINCIPAL



HUYCERATED RUPAL TECHNOLOGY CENTRE HRYS!

Registration and IC Societies Act Dt. 1955 Reg. No. 29075. (Supported by D.S.). Govi. of Extin 5 M.S.C.S.) 6. (Date of Mercia).

Mundur, Polakkod, Kerala - 678 592, Ph / Fax : 0491 2832324, 2832663 White www.int.org.in. E-mail: intepatarka/l@gmail.com

CERTIFICATE

This is no certify that Mr. Navcen.S.Lat. B So. Chemistry (Environment and Water Management) Student of Maharaja's Colleges. Eranakulain has accomplaily completed the Project work utiled "To Study the Performance of Air Farth Heat Exchanger" at Integraled Rural Technology Centre (IRTC) Mondor, Palakkad, urster the supervision and guidance of Sreejith.K.S. Scientific Assistant, during the period from the month of 5" January 2016 to 14" January 2016 for the period fulfillment of the requirements for the award of B.Sc. Degree from Mick University.

I further certify that he had completed all the unsigned works and disters to our complete satisfaction and half impressed for with his dedication and consums strice for excellence in work.

He bears a good character & conduct.

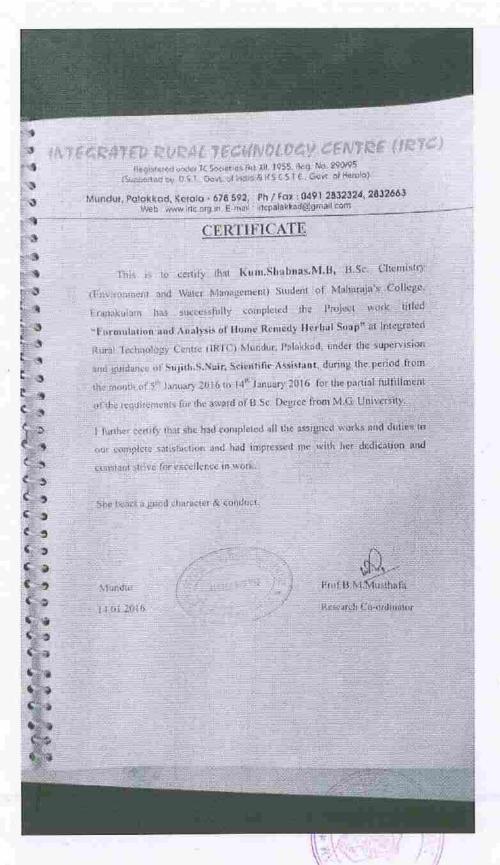
Mundur 14.01.2016 Prof. B.M. Monthala

Ringarch Courdinator

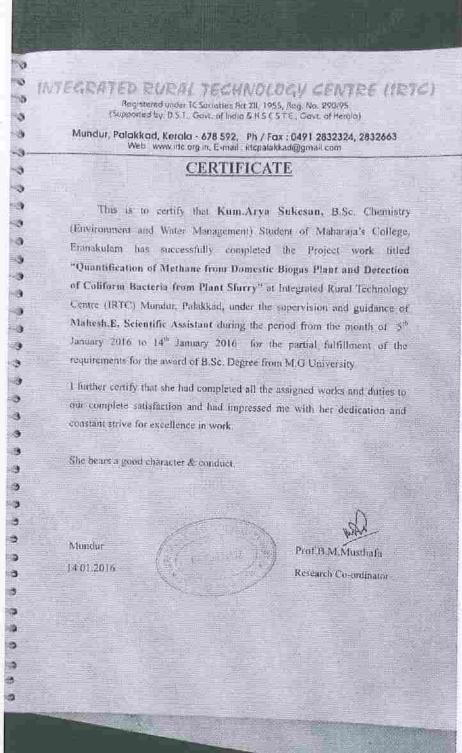


(H)

SPECIAL GRADE PRINCIPAL MAHARAJA'S

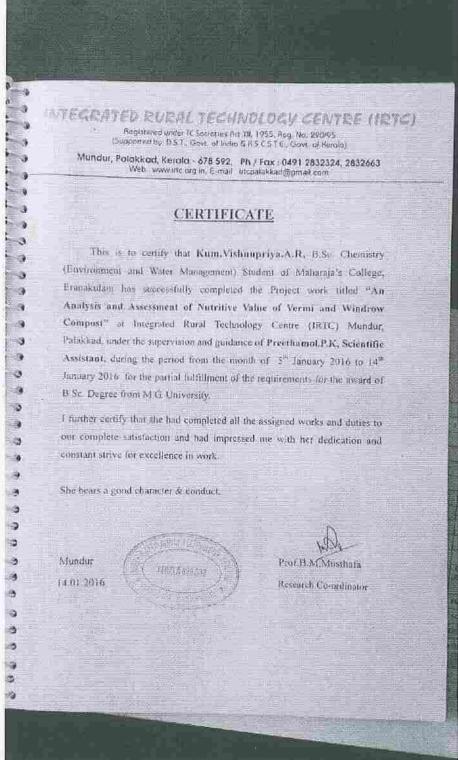


SPECIAL GRADE PRINCIPAL SPECIAL GRADE SCOLLEGE

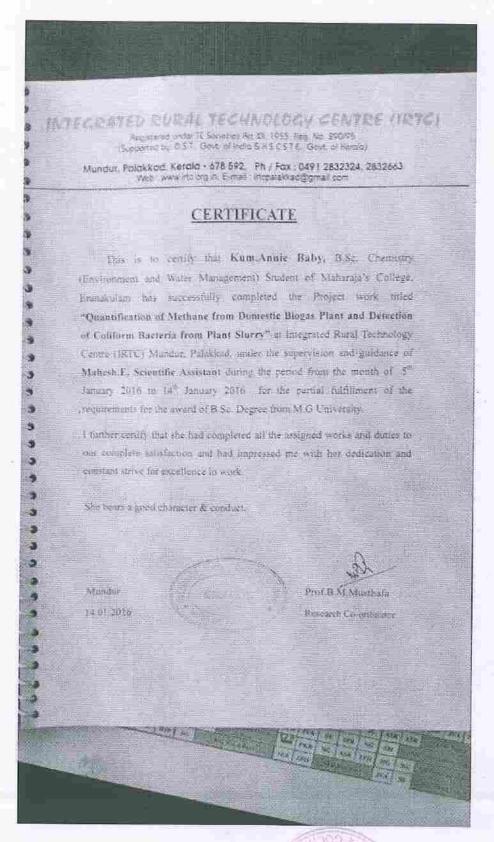


the

BPECIAL GRADE PRINCIPAL MAHARAJA'S COLL

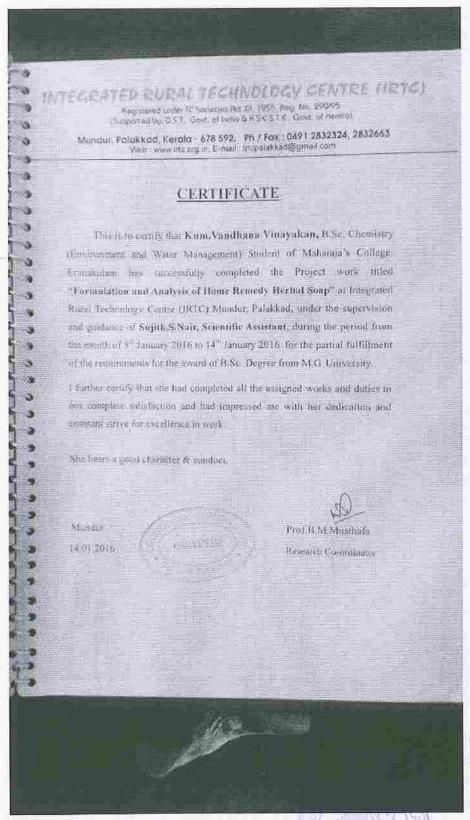


SPECIAL GRADE PRINCIPAL



The second





SPECIAL GRADE PRINCIPAL
MANAGEMANA COLLEGIS

WIRESPATED RUEBL TECHNOLOGY CENTRE (1870)

flegistered under IC Seriotes (to 70, 1955, no.; tex 1999/S (Supported by 0.5.1, Seve of India 6.0.5.1.3.1.), Sew. of Newson

Mundur, Palakkad; Kerala - 678 592, Ph / Fax : 0491 2832324, 2832663 Web - www.inc.org.in, E-mail: stappoliskad@gmail.com

CERTIFICATE

This or to certify that Mr. Rabul Krishnan, B.Sc. Chemistry (Firehonment and Witer Management) Student of Maharaja's Coffege, Eranakidam has reccusifully completed the Project work titled "To Study the Performance of Air Earth Heat Exchanger" at Integrated Paral fechnology Centre (IRTC) Idendur, Palakkad, under the supervision and guidance of Sreejith, K.S. Scientific Assistant, during the period from the month of 500 January 2016 to 14th January 2016, for the partial fulfillment of the requirements for the award of B.Sc. Degree from M.G. University

I further certify that he had completed all the assigned works and duties to our complete satisfaction and had impressed me with his dedication and constant strive for excellence in work

He bears a good character & conduct

Mondur

14:01.2916

Prof.B.M. Muschafa

Research Coverdinator



SPECIAL GRADE PRINCIPAL MAHARAJA'S COLLEGE ERMARIALAM

INTEGRATED RURAL SECURIOLOGY GENTRE (1R.7C) Registered under IC Souticles Ric XI, 1955, Ruio, No. 290995 Elupported by D.S.T., Goyt, of Isotic & IES C.S.L. C. Goyt, of Nemio) Mundur, Polokkod, Kerolo - 678, 592. Ph / Fox : 0491 2832324, 2832663 Welt, www.intc.org.in, E-mail: intepalakkad@gmail.com

CERTIFICATE

This is to certify that Kum. Meera Purantharan, B.Sc. Chemistry (Environment and Water Management) Student of Mahatoja's College, franskulant has successfully completed the Project work titled "An Analysis and Assessment of Nutritive Value of Vermi and Windrow Compost" at Integrated Rural Technology Centre (BCTC) Mundur, Palakkad, under the supervision and guidance of PreetlinmoLPK, Scientific Assistant, during the period from the mouth of St. January 2016 to 13th January 2016 for the partial folfillment of the requirements for the award of B.Sc. Degree from M.G. University:

I further certify that she had completed all the assigned works and duties to our complete satisfection and land impressed me with her dedication and constant strive for excellence in work.

She bears a good character & conduct

Mandar

14.01.2016

Prof.B M. Musibafa

Research Co-ordinator





INTEGRATED RURAL TECHNOLOGY CENTRE (IRT.C)

[Registered under R. Josephus det (2) 1055 Augste 2008.8] (Zundermeine D.S.T. General India & H.S. (3-T.C. Gover of Remle) Mundus, Palakkad, Kerala, 678.592. Ph. Fax: 0491.2832324, 2832663 Reb. www.arte.org. in. II. under compositation depress down

CERTIFICATE

This is to regify that Kom, Ismath G.N. B.Sc. Chemismy (Environment and Water Management) Student of Matharaja's College Franckulain has successfully completed the Project work unted "STUDY OF NPK VALUES OF READY TO USE" BIOFERTILIZER SLURRY FROM PIGFARM BIOGAS PLANT AND SOIL CHARACTERISTICS OF THE STUDY AREA: at integrated foural Technology Centre (IRTC.) Mundig, Palakked, under the supervision and guidance of Maliesh.E., Scientific Assistant, during the period from the month of 5° January 2016 to 14° families Mile for the parial foldilinems of the requirements for the award of B.Sc. Degree from S.G. University.

I further centify that she had completed all the assigned works and duties to one complete satisfaction and had impressed me with her deducation and constant strive for excellence in brink

She bears a good character & conduct.

Mundur

£4.01.2016

Prof.B.M.Musthafa

Research Corordinator



Ro

SPECIAL GRADE PRINCIPAL MAHARAJA'S COLLEC-ERMANASA-A

INTEGRATED FURAL TECHNOLOGY CENTRE (IFTC)

The production of the Leading for the 1813 has the 1858);
(hepper ducty 10 % 1 , Overlad Inter 5 10 % 5 1 \$ Const. of Receive)
Munday, Puladikad, Kerala 6 8 5 9 2 , 196 1 8 3 049 18 3 2 3 7 4 , 2 3 1 6 6 3
Web. www.ufu.org.in. E-mail. ortopalable of the production of the second control of the second control

CERTIFICATE

This is to certify that Kum, Ansiya, M.A., B.Sc. Chemistry (Environment and Water Management) Student of Maharaja's College, Eranakulam has successfully completed the Project work titled "STUDY OF NPK VALUES OF 'READY TO USE' BIOFERTILIZER SLURRY FROM PIGFARM BIOGAS PLANT AND SOIL CHARACTERISTICS OF THE STUDY AREA" at Integrated Rural Technology Centre (IRTC) Mundur, Palakkad, under the supervision and guidance of Mahesh.E., Scientific Assistant, during the period from the month of 5th January 2016 to 14th January 2016 for the partial fulfillment of the requirements for the award of B.Sc. Degree from M.G. University.

I further certify that she had completed all the assigned works and duties to our complete satisfaction and had impressed me with her dedication and constant strive for excellence in work.

She bears a good character & conduct.

Mundur

14.01.2016

Prof.B.M.Musthafa

Research Co-ordinator

SPECIAL GRADE PRINCIPAL
MAHARAMASSI

STUDY OF NPK VALUES OF 'READY TO USE 'BIOFERTILIZER SLURRY FROM PIG FARM BIOGAS PLANT AND SOIL CHARACTERISTICS OF THE STUDY AREA

Project Report

Submitted in Partial Fulfilment of the Requirements for the Degree of

Bachelor of Science

In

Chemistry (Environment and Water Management)

By

ANSIYA.M.A.

RegNo:130021028737



DEPARTMENT OF CHEMISTRY MAHARAJA'S COLLEGE ERNAKULAM

MAY 2016



63 63 13 63 63 relettere

INTEGRATED RURAL TECHNOLOGY CENTRE (IRTC)

(Registered under TC Societies Ret XII, 1955 Reg No. 290/95)
(Supported by: D.S.T., Govt of India & K.S.C.S.T.E., Govt of Kerola)
Mundur, Palakkad, Kerala - 678 592, Ph. Fax: 0491 2832324, 2832663
Web. www.irte.org.in, E-muil: irtepalakkad@gmail.com

CERTIFICATE

This is to certify that Kum.Vijayalakshmi.T.S, B.Sc. Chemistry (Environment and Water Management) Student of Maharaja's College, Eranakulam has successfully completed the Project work titled "STUDY OF NPK VALUES OF 'READY TO USE' BIOFERTILIZER SLURRY FROM PIGFARM BIOGAS PLANT AND SOIL CHARACTERISTICS OF THE STUDY AREA" at Integrated Rural Technology Centre (IRTC) Mundur, Palakkad, under the supervision and guidance of Mahesh.E, Scientific Assistant, during the period from the month of 5th January 2016 to 14th January 2016 for the partial fulfillment of the requirements for the award of B.Sc. Degree from M.G. University.

I further certify that she had completed all the assigned works and duties to our complete satisfaction and had impressed me with her dedication and constant strive for excellence in work.

She bears a good character & conduct.

Mundur

14.01.2016

Prof.B.M.Musthafa

Research Co-ordinator

STUDY OF NPK VALUES OF 'READY TO USE 'BIOFERTILIZER SLURRY FROM PIG FARM BIOGAS PLANT AND SOIL CHARACTERISTICS OF THE STUDY AREA

Project Report

Submitted in Partial Fulfilment of the Requirements for the Degree of

Bachelor of Science

In

Chemistry (Environment and Water Management)

By
VIJAYALAKSHMI T S
RegNo:130021028758



DEPARTMENT OF CHEMISTRY
MAHARAJA'S COLLEGE
ERNAKULAM

MAY 2016



INTEGRATED RURAL TECHNOLOGY CENTRE (IRTC)

Registered under TC Societies Act XII, 1955, Reg. No. 290/95 (Supported by, D.S.T., Govt. of India & K.S.C.S.T.E., Govt. of Herala)

Mundur, Palakkad, Kerala - 678 592, Ph / Fax : 0491 2832324, 2832663 Web : www.irtc.org.in, E-mail : irtcpalakkad@gmail.com

CERTIFICATE

This is to certify that Mr. Naveen.S.Lal, B.Sc. Chemistry (Environment and Water Management) Student of Maharaja's College, Eranakulam has successfully completed the Project work titled "To Study the Performance of Air Earth Heat Exchanger" at Integrated Rural Technology Centre (IRTC) Mundur, Palakkad, under the supervision and guidance of Sreejith.K.S, Scientific Assistant, during the period from the month of 5th January 2016 to 14th January 2016 for the partial fulfillment of the requirements for the award of B.Sc. Degree from M.G. University.

I further certify that he had completed all the assigned works and duties to our complete satisfaction and had impressed me with his dedication and constant strive for excellence in work.

He bears a good character & conduct.

Mundur

14.01.2016

CERTIFIED)

Prof.B.M.Musthafa

Research Co-ordinator

SPECIAL GRADE PRINCIPAL



Scanned by CamScanner

TO STUDYTHE PERFORMANCE OF AIR EARTH HEAT EXCHANGER

Project Report

Submitted in Partial Fulfilment of the

Requirements for the Degree of

Bachelor of Science

In

Chemistry (Environment and Water Management)

Ву

NAVEEN S LAL

REG NO: 130021028749



Department of Chemistry

Maharaja's College

Ernakulam

May 2016



SPECIAL GRADE PRINCIPAL MAHARAJA'S CALL

INTEGRATED RURAL TECHNOLOGY CENTRE (IRTG)

Registered under TC Societies Act XII, 1955, Reg. No. 290/95 (Supported by: D.S.T., Govt. of India & KS C S T E., Govt. of Herala)

Mundur, Palakkad, Kerala - 678 592, Ph / Fax: 0491 2832324, 2832663 Web: www.irtc.org.in, E-mail: irtcpalakkad@gmail.com

CERTIFICATE

This is to certify that **Kum.Shabnas.M.B**, B.Sc. Chemistry (Environment and Water Management) Student of Maharaja's College, Eranakulam has successfully completed the Project work titled "Formulation and Analysis of Home Remedy Herbal Soap" at Integrated Rural Technology Centre (IRTC) Mundur, Palakkad, under the supervision and guidance of Sujith.S.Nair, Scientific Assistant, during the period from the month of 5th January 2016 to 14th January 2016 for the partial fulfillment of the requirements for the award of B.Sc. Degree from M.G. University.

I further certify that she had completed all the assigned works and duties to our complete satisfaction and had impressed me with her dedication and constant strive for excellence in work.

She bears a good character & conduct.

Mundur

14.01.2016

KERALA G78 592 AT A COLUMN TO THE PROPERTY OF THE PARTY O

Prof.B.M.Musthafa

Research Co-ordinator

SPECIAL GRADE PRINCIPAL MANARAJA SCOUL

FORMULATION AND ANALYSIS OF HOME REMEDY HERBAL SOAP

A PROJECT REPORT

Submitted by

SHABANAS M. B.

In partial fulfillment for the award of degree

Of

BACHELOR OF SCIENCE

In

CHEMISTRY (ENVIRONMENT & WATER MANAGEMENT)

DEPT. OF CHEMISTRY

MAHARAJA'S COLLEGE,

ERNAKULAM



MG UNIVERSITY: KOTTAYAM

SPECIAL GRADE PRINCIPAL MAHARAJA'S COLLEGE ERNAKLILAM

INTEGRATED RURAL TECHNOLOGY CENTRE (IRTC)

Registered under TC Societies Act XII, 1955, Reg. No. 290/95 (Supported by: D.S.T., Govt. of India & H.S.C. S.T.E., Govt. of Kerala)

Mundur, Palakkad, Kerala - 678 592, Ph / Fax : 0491 2832324, 2832663 Web : www.inc.org.in, E-mail : intepalakkad@gmail.com

CERTIFICATE

This is to certify that Kum. Vandhana Vinayakan, B.Sc. Chemistry (Environment and Water Management) Student of Maharaja's College, Eranakulam has successfully completed the Project work titled "Formulation and Analysis of Home Remedy Herbal Soap" at Integrated Rural Technology Centre (IRTC) Mundur, Palakkad, under the supervision and guidance of Sujith.S.Nair, Scientific Assistant, during the period from the month of 5th January 2016 to 14th January 2016 for the partial fulfillment of the requirements for the award of B.Sc. Degree from M.G. University.

I further certify that she had completed all the assigned works and duties to our complete satisfaction and had impressed me with her dedication and constant strive for excellence in work.

She bears a good character & conduct.

Mundur

14.01.2016

KERALA 678 592

Prof.B.M.Musthafa

Research Co-ordinator

SPECIAL GRADE PRINCIPAL MAHARAMAS COLLEGE

FORMULATION AND ANALYSIS OF HOME REMEDY HERBAL SOAP

A PROJECT REPORT

Submitted by

VANDHANA VINAYAKAN (130021028756)

In partial fulfillment for the award of degree

Of

BACHELOR OF SCIENCE

In

CHEMISTRY (ENVIRONMENT & WATER MANAGEMENT)

DEPT. OF CHEMISTRY

MAHARAJA'S COLLEGE,

ERNAKULAM



MG UNIVERSITY: KOTTAYAM MARCH 2016





SPECIAL GRADE PRINCIPAL MANARAJA'S COLL.

INTEGRATED RURAL TECHNOLOGY CENTRE HRTCI

Programmed under it because the YB 1555 they his \$20055 (Supportant by 1553 George of Rodles & P.S. (\$ 7.4 Grown of Morning)

Munclei, Palaktrad, Kerala - 678 592. Ph / fax : 9491 2512124, 2512561
Web www.htc.org.in. E-mail: interpolation@gmail.com

CERTIFICATE

This is to certify that Kum.Amitha Unnikrishnan, El Sc. Chemistry (Environment and Water Management) Student of Makeraja's College, Eranakulam has successfully completed the Project work taked "Formulation and Analysis of Home Remedy Herbal Soap" at Integrated Rural Technology Centre (IRTC) Mundur, Palakkad, under the supervision and guidance of Sujith.S.Nair, Scientific Assistant, during the period from the month of 5th January 2016 to 14th January 2016 for the partial fulfillments of the requirements for the award of B.Sc. Degree from M.G.University.

I further certify that she had completed all the assigned works and duties to our complete satisfaction and had impressed me with her dedication and constant strive for excellence in work.

nta HERKS

EPRIL GISTON

She bears a good character & conduct.

Mundur

14.01.2016

Prof.B.M.Musthafa

Research Co-ordinator GRADE PR

Scanned by CamScanner

FORMULATION AND ANALYSIS OF HOME REMEDY HERBAL SOAP

10

3

C

20

D

0

2

Car

7

3

9

9

9

D

3)

9

3

A PROJECT REPORT

Submitted by

AMITHA UNNIKRISHNAN (130021028734)

In partial fulfillment for the award of degree

Of

BACHELOR OF SCIENCE

In

CHEMISTRY (ENVIRONMENT & WATER MANAGEMENT)

DEPT. OF CHEMISTRY

MAHARAJAS COLLEGE,

ERNAKULAM



MG UNIVERSITY: KOTTAYAM MARCH 2016



SPECIAL GRADE PRINCIPAL MAHARAJA'S COLLE-EDRAKUL-JA

INTEGRATED RURAL TECHNOLOGY CENTRE (IRTC)

Registered under TC Societies Act XII, 1955, Reg. No. 290/95 (Supported by: D.S.T., Govt. of India & K S C S T €., Govt. of Kerala)

Mundur, Palakkad, Kerala - 678 592, Ph / Fax : 0491 2832324, 2832663 Web : www.irtc.org.in, E-mail : Irtcpalakkad@gmail.com

CERTIFICATE

This is to certify that Kum.Vishnupriya.A.R, B.Sc. Chemistry (Environment and Water Management) Student of Maharaja's College, Eranakulam has successfully completed the Project work titled "An Analysis and Assessment of Nutritive Value of Vermi and Windrow Compost" at Integrated Rural Technology Centre (IRTC) Mundur, Palakkad, under the supervision and guidance of Preethamol.P.K, Scientific Assistant, during the period from the month of 5th January 2016 to 14th January 2016 for the partial fulfillment of the requirements for the award of B.Sc. Degree from M.G. University.

I further certify that she had completed all the assigned works and duties to our complete satisfaction and had impressed me with her dedication and constant strive for excellence in work.

She bears a good character & conduct.

Mundur

Sold better the contract of th

14.01.2016



Prof.B.M.Musthafa

Research Co-ordinator

NUTRITIVE ANALYSIS OF VERMI COMPOST, WINDROW AND ORGANIC MANURE

A PROJECT REPORT

5

3

3

0

3

3

C

3

9

Submitted by

VISHNUPRIYA A .R (130021028760)

In partial fulfillment for the award of degree

Of

BACHELOR OF SCIENCE

In

CHEMISTRY (ENVIRONMENT & WATER MANAGEMENT)

DEPT. OF CHEMISTRY

MAHARAJAS COLLEGE,

ERNAKULAM

March 2016



BPECIAL GRADE PRINCIPAL MAHARAJA'S COLL





Scanned by CamScanner

INTEGRATED RURAL TECHNOLOGY CENTRE (IRTG)

Registered under TC Societies Act XII, 1955, Reg. No. 290/95 (Supported by: D.S.T., Govt. of India & K.S.C.S.T.E., Govt. of Kerala)

Mundur, Palakkad, Kerala - 678 592, Ph / Fax: 0491 2832324, 2832663 Web: www.irtc.org.in, E-mail: irtcpalakkad@gmail.com

CERTIFICATE

This is to certify that **Kum.Shabnas.M.B**, B.Sc. Chemistry (Environment and Water Management) Student of Maharaja's College, Eranakulam has successfully completed the Project work titled "Formulation and Analysis of Home Remedy Herbal Soap" at Integrated Rural Technology Centre (IRTC) Mundur, Palakkad, under the supervision and guidance of Sujith.S.Nair, Scientific Assistant, during the period from the month of 5th January 2016 to 14th January 2016 for the partial fulfillment of the requirements for the award of B.Sc. Degree from M.G. University.

I further certify that she had completed all the assigned works and duties to our complete satisfaction and had impressed me with her dedication and constant strive for excellence in work.

She bears a good character & conduct.

Mundur

こうこうしょうしょうしょうこうこうしゅうしゅうしゅうしゅうしゅうしゅう

14.01.2016

KERALA 678 592

Prof.B.M.Musthafa

Research Co-ordinator



FORMULATION AND ANALYSIS OF HOME REMEDY HERBAL SOAP

A PROJECT REPORT

Submitted by

SHABANAS M.B

In partial fulfillment for the award of degree

Of

BACHELOR OF SCIENCE

In

CHEMISTRY (ENVIRONMENT & WATER MANAGEMENT)

DEPT. OF CHEMISTRY MAHARAJA'S COLLEGE, **ERNAKULAM**



MG UNIVERSITY: KOTTAYAM

MAHARAJA'S COLLEG

INTEGRATED RURAL TECHNOLOGY CENTRE (IRTC)

Registered under TC Societies Act XII, 1955, Aeg. No. 290/95 (Supported by: D.S.T., Govt. of India & H.S.C.S.T.E., Govt. of Herola)

Mundur, Palakkad, Kerala - 678 592, Ph / Fax : 0491 2832324, 2832663 Web : www.irtc.org.in, E-mail : irtcpalakkad@gmail.com

CERTIFICATE

This is to certify that Kum. Akhila Mol.M, B.Sc. Chemistry (Environment and Water Management) Student of Maharaja's College Eranakulam, has successfully completed the Project work titled "Quantification of Methane from Domestic Biogas Plant and Detection of Coliform Bacteria from Plant Slurry" at Integrated Rural Technology Centre (IRTC) Mundur, Palakkad, under the supervision and guidance of Mahesh.E, Scientific Assistant during the period from the month of 5th January 2016 to 14th January 2016 for the partial fulfillment of the requirements for the award of B.Sc. Degree from M.G University.

I further certify that she had completed all the assigned works and duties to our complete satisfaction and had impressed me with her dedication and constant strive for excellence in work.

She bears a good character & conduct.

Mundur

14.01.2016



Prof.B.M.Musthafa

Research Co-ordinator

QUANTIFICATION OF METHANE FROM DOMESTIC BIOGAS PLANT AND DETECTION OF COLIFORM BACTERIA FROM PLANT SLURRY

Project Report

Submitted in Partial Fulfilment of the Requirements for the Degree of

Bachelor of Science
In
Chemistry (Environment and Water Management)

4.0

9

9

4

9

By
AKHILA MOL M
Reg No:130021028732



DEPARTMENT OF CHEMISTRY
MAHARAJA'S COLLEGE
ERNAKULAM

MAY 2016





May 28, 2015

United States Consulate General 220, Anna Salai Rd, Gemini Circle, Chennai, Tamil Nadu 600044, INDIA

RE: Visa for JIJO PULICKIYIL ULAHANNAN [Passport No. H6527964]

Dear Consular,

This certifies that JIJO PULICKIYIL ULAHANNAN has been invited to attend the 2015 TED Fellows Retreat taking place August 26 to 30, 2015 at the Asilomar Conference Grounds in Pacific Grove, California.

JIJO PULICKIYIL ULAHANNAN is a physicist specializing in nanophotonic systems, quantum optics, theoretical and computational physics. He also works as an internal mentor, career advisor, and coordinator of the college master computing facility. Trained in parallel computing he serves as a resource person for teacher training on presentations and technology enabled teaching and learning.

About TED - TED is a renowned four-day annual event where the world's leading thinkers and doers share what they are most passionate about. TED stands for Technology, Entertainment, Design — three broad areas shaping our future. Today TED showcases ideas that matter in any discipline. Past speakers have included former President Bill Clinton, Bill Gates, Secretary of State Hilary Rodham Clinton, Jane Goodall, and Bono.

About TED Fellows Program – The TED Fellows program brings world-changing innovators from around the world into the TED community and with its help amplifies the impact of their remarkable projects and activities. Fellows are drawn from many disciplines that reflect the diversity of TED's members: technology, entertainment, design, the sciences, the humanities, the arts, business and more.

Please assist JIJO PULICKIYIL ULAHANNAN in securing a visa for the stipulated period. Should you have any questions please feel free to contact me at shoham@ted.com.

Best regards,

Shoham Arad

TED Fellows Deputy Director

Chris Anderson TED Curator

SPECIAL GRADE PRINCIPAL
MANARAMAS CONTRACTS

