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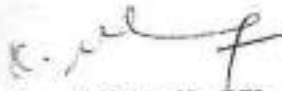
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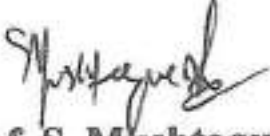
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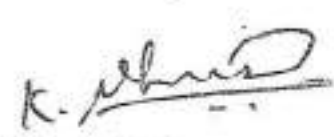


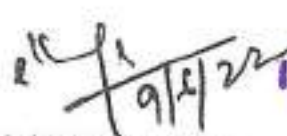
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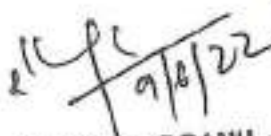
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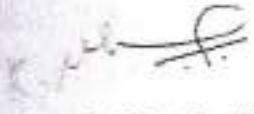



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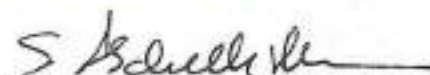
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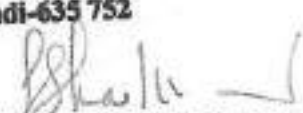
  
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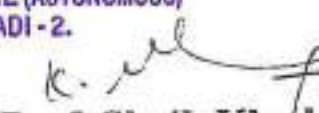
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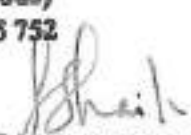
  
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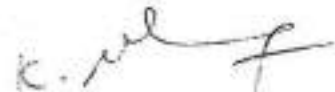
  
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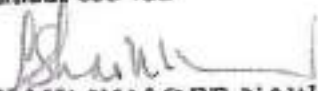
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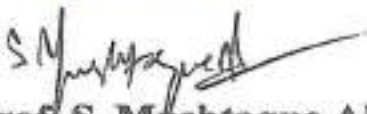
  
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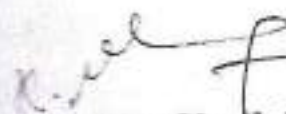


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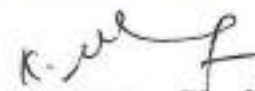



  
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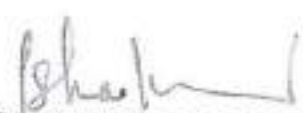
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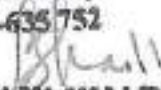
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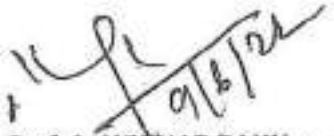
  
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**Report of the Historical Field Visit on**

**01-04-2022 & 02-04-2022 for M.A. History Students**

Fifteen M. A. History students of our department along with the staff members Dr. K. Murugan, Mr. P. Basith Assarani and Dr. Mohammed Osman Pasha, Assistant Professors of History visited the Archaeological sites at Keeladi and visited the historical places at Pudukottai, Tanjore and Tiruchirappalli as per the schedule. The students and staff members assembled in our college campus and started their journey on 31<sup>st</sup> March, 2022 by 08:30.P.M through a 20-seater van. Our Principal, Dr. T. Mohamed Ilyas, supervised and inspected the necessary arrangements for a trip and advised our students about the precautionary measures and discipline students should follow in the tourist places and he insisted on the importance of the field visit as a part of the education before sending off our students. We started our journey from our campus and reached Madurai by next day morning on 01<sup>st</sup> of April, 2022, after visiting the Madurai local. We reached keeladi excavation spot by the same day evening.



(Our beloved Principal Dr. T. Mohamed Ilyas, supervising the preparation of the Journey)

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(Our beloved Principal, Dr. T. Mohamed Ilyas, Dr. Syed Tahir Hussainy with our students)

#### **Day-I (01-04-2022) - KEELADI**

The group of 15 students along with 03 staff members visited 2200 years old Archaeological excavation site at Keeladi. Our students witnessed the four excavation trenches of the seventh phase of the excavation site at Keeladi. The unclosed archaeological pit unveiled the knowledge of our students practically apart from the books and classroom teaching. The students learned about the excavation procedures, measurements and the procedure for digging out the remains without any disturbance of its original form. Our students got a chance to visit the displayed remains of the eighth excavation trench. The variety of redware remains of pottery sherds are displayed from the abovesaid eighth excavation site.



(Our students nearby the excavation trenches)





(Dr. K. Murugan, Assistant Professor of History along with students visiting and examining the remains of eighth trench which was displayed nearby the trenches)



(From Left to Right: Dr. Mohammed Osman Pasha & Dr. K. Murugan and students examining the excavation trenches at seventh phase of Keeladi excavation trenches)

After visiting the excavation trenches at Keeladi the students and staff members are stayed at Madurai to continue their journey for next day morning.

#### **Day-II (01-04-2022)**

#### **FIRST VISIT - CITHANNAVASAL**

The second day historical field trip was started with visiting Art Gallery in Rock-cut Jain temple at Chithannavasal nearby Pudukottai on the way to Tanjore by morning.

Our students with the responsible staff members visited the Art Gallery at Rock-cut Jana temple called as Arivar-Kovil belong to the Pandya Kings Maran Sendan and Arikesari Maravarman whose reign from 7<sup>th</sup> to 8<sup>th</sup> centuries. The students enjoyed visiting the famous historical fresco paintings, samanar padukkai, stone carvings at roof, pillars, pilasters, sanctum, sitting posture of 24<sup>th</sup> Tirthankara's statue, brightest colorful murals on the upper parts of the cave etc., The students enjoyed the trip and got an additional practical information about the particular historical site in Chithannavasl.



(Our Students & Staff Members at in front of the Rock Cut Jain Temple at Sithannavasal, Pudukottai District)



(Our Students with staff members sitting in front of the Art Gallery at Chithannavasl)





(Our Students witnessing the Murals at Chithannavasal)

After visiting Chithannavasal our educational tourist group moved towards Tanjore Periya kovil.

**Day-II (01-04-2022)**

### **SECOND VISIT – TANJORE PERIYA KOVIL (or) BRIHADEESWARAR TEMPLE**

We reached Tanjore Periya Kovil by the same day approximately 11:00. A.M. The students enjoyed visiting the Architectural splendor of the Cholas and studied the techniques used to construct the temple walls and the Gopura. Our students visited and astonished about the grand structures of Nandhi, Sculptures erected by Raja Raja Chola thousand years before. The students witnessed the astonishing fact about the 25 tonnes weighed single granite stone. The students learned about the Dravidian style of Architecture splendor and knew the differences between style of Architecture followed in south and north during medieval Tamilagam.

We departed from Tanjore after lunch and reached Kallanai at Truchrappalli by evening.

  
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**VANIYAMBADI - 2.**



(Our Students along with staff members at in front of the Tanjore Brihadeeswarar Temple)



(Our students at inside of the Tanjore Brahadeeswarar Temple)

### **SECOND AND FINAL VISIT – KALLANAI DAM (or) GRAND ANICUT**

Our educational tourists reached Kallanai, a Grand Ancut at Truchirappalli approximately by 04:00. P.M. The students witnessed the Ancient Dam constructed by the early Chola King Karikalan between 100A.D to 150.A.D. The students learned about the engineering wonder of the Ancient Tamil peoples through this field visit. This field visit witnessed our students to knew about the importance gave by our Tamil rulers to irrigation on

  
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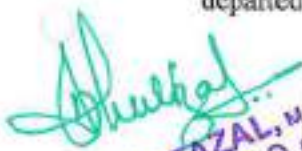


Cauvery river bed and their peoples welfare measures through this standing example. The students visited "MANMANDAPAM", a memorial place for Karikala Cholan by the then Tamil Nadu Government and learned the entire history of that particular King and region through the portrayed colorful paintings and wall hangings.



(Our Staff Members Dr. K. Murugan & Dr. Md Osman Pasha with our students witnessing the Manimandapam at Grand Anicut)

After visiting the last phase of our Historical Field Visit, our team of students and staffs are concluded their trip and reached our college campus at Vaniyambadi by the same day night means the starting of the next day (03<sup>rd</sup> April, 2022 by 01:00. A.M. the students from long distance are halted in our college owned Guest House along with our staff members and departed by the dawning of the day.

  
**D. ABUL FAZAL**, M.A., M Phil  
Asst Prof & H. O D of History  
Islamiah College (Autonomous)  
Vaniyambadi-635 752.

  
**PRINCIPAL**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
VANIYAMBADI - 2.

# ISLAMIAH COLLEGE (AUTONOMOUS)

Govt. Aided Minority Institution

Accredited by NAAC (3<sup>rd</sup> Cycle) with 'A' Grade

(Recognised u/s 2(f) and 12 (B) of UGC Act, 1956)

(Affiliated to Thiruvalluvar University and Managed by

The Vaniyambadi Muslim Educational Society)

New Town, Vaniyambadi - 635 752, Tirupattur Dist. Tamil Nadu.



Phone : 04174 - 235 206

e-mail : principal@islamiahcollege.edu.in

website : www.islamiahcollege.edu.in



**Dr. T. MOHAMED ILYAS**, M.Com., MBA., M.Phil., Ph.D.

PRINCIPAL AND HOD OF COMMERCE

## PG & RESEARCH DEPARTMENT OF HISTORY

### List of Bonafide Students and Staff

Sl. No.	Register No.	Name of the Students	Class
1	31121P03002	Ashok Kumar M	I M.A. (History)
2	31121P03004	Guru Prasath S	I M.A. (History)
3	31121P03005	Nantheeswaran A	I M.A. (History)
4	31121P03006	Nitish K	I M.A. (History)
5	31121P03008	Prakash Raja Varman C A	I M.A. (History)
6	31121P03009	Ramu S	I M.A. (History)
7	31121P03011	Satish Kumar R	I M.A. (History)
8	31121P03012	Sathyaraj S	I M.A. (History)
9	31121P03013	Sharullah S	I M.A. (History)
10	31121P03015	Sugan Kumar K	I M.A. (History)
11	31121P03017	Vignesh S	I M.A. (History)
12	31120P03003	Dhamothiran G	II M.A. (History)
13	31120P03005	Madhan E	II M.A. (History)
14	31120P03006	Mohamed Iqlas T	II M.A. (History)
15	31120P03012	Zainullah S	II M.A. (History)

### LIST OF THE STAFF

Sl. No.	Name of the Staff
1	Dr. K Murugan
2	Mr. P Basith Assarani
3	Dr. Mohammad Osman Pasha

(Dr. T. MOHAMED ILYAS)  
PRINCIPAL  
ISLAMIAH COLLEGE (AUTONOMOUS)



1.3.4 Details of students undertaking field work/projects/ internships / student projects

Programme Name: M.Sc. Physics

Programme Code: PY02

Course Code: PAPYP141

Register Number	List of students undertaking field projects / Internships /student projects	Project Details
31120P21002	KARTHICK T	Synthesis of Hexagonal (GaN:ZnO) solid solution using hydrothermal method
31120P21003	MOHAMMED IRFAN I	Dielectric relaxation studies of N- phenyl acetamide with Phenol Derivatives in Benzene using X-band techniques
31120P21004	NATARAJAN S	Structural characterization, vibrational and antimicrobial activity of 5-Amine-2-(5,7-dimethyl-1,3-benzoxazole-2-yl) phenol-DFT approach.
31120P21005	RAJADURAI T R	Theoretical Investigation on the Molecular Structure, Vibrational Spectra and Antimicrobial Studies of 2-Benzyl-5 nitro-1H-benzimidazole derivative.
31120P21006	RAJESH KUMAR S	Role of Precursor in the synthesis of GaN by Sol-gel Techniques.
31120P21007	RAKESH M	Synthesis of GaN Fibers by Electrospinning Method.
31120P21008	SANJAY P	Molecular Interaction Studies of C=O Compound with Phenol derivatives in Benzene using X-Band techniques
31120P21009	YOKESH A	Synthesis of ZnO nanofibers by varying Zinc Acetate/PVP concentration

# **Synthesis of Hexagonal (GaN):(Zno) solid solution using Hydrothermal Method**

Dissertation submitted to

**ISLAMIAH COLLEGE (AUTONOMOUS)**

Affiliated to the

**THIRUVALLUVAR UNIVERSITY**

In partial fulfillment of the requirements

for the award of the Degree of

**MASTER OF SCIENCE**

IN

**PHYSICS**

By

**T.KARTHIK**

( Reg. No : 31120P21002 )

Under the Guidance of

**Dr.P.MUZAMMIL M.Sc., M.Phil., Ph.D.,**

Assistant Professor of Physics

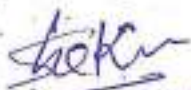



**DEPARTMENT OF PHYSICS**

**ISLAMIAH COLLEGE (AUTONOMOUS)**

**VANIYAMBADI-635 752**

**MAY 2022**

  
ASSOCIATE PROFESSOR & HEAD  
DEPARTMENT OF PHYSICS  
ISLAMIAH COLLEGE (AUTONOMOUS)

  
PRINCIPAL  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI - 2.



**DIELECTRIC RELAXATION STUDIES OF N-PHENYLACETAMIDE WITH  
PHENOL DERIVATIVES IN BENZENE USING X-BAND TECHNIQUE**

**Dissertation submitted to  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI**

*Affiliated to the  
THIRUVALLUVAR UNIVERSITY*

*In Partial fulfillment of the requirement for the degree of*

**MASTER OF SCIENCE**

**IN  
PHYSICS**

**By  
I. MOHAMMED IRFAN  
(Reg. No: 31120P21003)**

**Under the Guidance of  
Mr. A. AATHIF BASHA, M.sc., M.Phil.  
Assistant Professor of Physics**



**DEPARTMENT OF PHYSICS  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI-635752**

**MAY - 2022**

*[Signature]*

**DEPARTMENT OF PHYSICS  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI-635752**

*[Signature]*  
**PRINCIPAL  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI - 2.**

**Structural characterization, vibrational and antimicrobial activity of  
5-Amino-2-(5,7-dimethyl-1,3-benzoxazole-2-yl) phenol – DFT approach.**

**Dissertation submitted to  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI**

*Affiliated to the  
THIRUVALLUVAR UNIVERSITY*

*In Partial fulfillment of the requirement for the degree of*

**MASTER OF SCIENCE  
IN  
PHYSICS**

**By  
S. NATARAJAN  
(Reg. No: 31120P21004)**


**Under the Guidance of  
Mr. FASIUDDIN G.S, M.Sc.,  
Assistant Professor of Physics**



**DEPARTMENT OF PHYSICS  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI-635752**

**MAY – 2022**

  
**ASSOCIATE PROFESSOR & HEAD  
DEPARTMENT OF PHYSICS  
ISLAMIAH COLLEGE (AUTONOMOUS)**

  
**PRINCIPAL  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI - 2.**



**Theoretical Investigations on the Molecular Structure, Vibrational Spectra  
and Antimicrobial Studies of 2-Benzyl-5-nitro-1H-benzimidazole  
derivative.**

**Dissertation submitted to  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI**

*Affiliated to the  
**THIRUVALLUVAR UNIVERSITY**  
in Partial fulfillment of the requirement for the degree of*

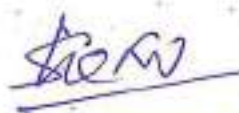
**MASTER OF SCIENCE  
IN  
PHYSICS**

**By  
T.R. RAJDURAI  
(Reg.No: 31120P21005)**

**Under the Guidance of  
Mr. FASIUDDIN G.S, M.Sc.,  
Assistant Professor of Physics**



**DEPARTMENT OF PHYSICS  
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VANIYAMBADI-635752  
MAY - 2022**

  
**ASSOCIATE PROFESSOR & HEAD  
DEPARTMENT OF PHYSICS  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI-635 752**

  
**PRINCIPAL  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI - 2.**

# **Role of Precursor in the synthesis of GaN by Sol-Gel Technique**

**Dissertation submitted to**

**ISLAMIAH COLLEGE (AUTONOMOUS)**

**Affiliated to the**

**THIRUVALLUVAR UNIVERSITY**

**In partial fulfillment of the requirements**

**for the award of the Degree of**

**MASTER OF SCIENCE**

**IN**

**PHYSICS**

**By**

**S.RAJESHKUMAR**

**(Reg.No : 31120P21006)**

**Under the Guidance of**

**Dr.P.MUZAMMIL M.Sc., M.Phil., Ph.D.,**

**Assistant Professor of Physics**



**DEPARTMENT OF PHYSICS**

**ISLAMIAH COLLEGE (AUTONOMOUS)**

**VANIYAMBADI-635 752**

**MAY 2022**

*Signature*

**ASSOCIATE PROFESSOR & HEAD  
DEPARTMENT OF PHYSICS  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI - 2.**

*Signature*  
**PRINCIPAL  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI - 2.**



# **Synthesis of GaN Fibers by Electrospinning Method**

**Dissertation submitted to**

**ISLAMIAH COLLEGE (AUTONOMOUS)**

**Affiliated to the**

**THIRUVALLUVAR UNIVERSITY**

**In partial fulfillment of the requirements**

**for the award of the Degree of**

**MASTER OF SCIENCE**

**IN**

**PHYSICS**

**By**

**M.RAKESH**

**( Reg. No : 31120P21007 )**

**Under the Guidance of**

**Dr.P.MUZAMMIL M.Sc., M.Phil., Ph.D.,**

**Assistant Professor of Physics**

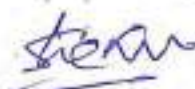


**DEPARTMENT OF PHYSICS**

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**VANIYAMBADI-635 752**

**MAY 2022**



**ASSOCIATE PROFESSOR & HEAD**  
**DEPARTMENT OF PHYSICS**  
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**VANIYAMBADI-635 752**



**PRINCIPAL**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 2.**

**MOLECULAR INTERACTION STUDIES OF C=O COMPOUND WITH  
PHENOL DERIVATIVES IN BENZENE USING X-BAND TECHNIQUE**

**Dissertation submitted to  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI**

*Affiliated to the*  
**THIRUVALLUVAR UNIVERSITY**

*In Partial fulfillment of the requirement for the degree of*

**MASTER OF SCIENCE**

**IN**

**PHYSICS**

**By**

**P.SANJAY**

**(Reg. No: 31120P21008)**

**Under the Guidance of**  
**Mr. A. AATHIF BASHA, M.sc., M.Phil.**  
**Assistant Professor of Physics**



**DEPARTMENT OF PHYSICS  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI-635752**

**MAY - 2022**

  
**ASSOCIATE PROFESSOR & HEAD  
DEPARTMENT OF PHYSICS  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI-635 752**

  
**PRINCIPAL  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI - 2.**



# **SYNTHESIS OF ZnO NANOFIBERS BY VARYING ZINC ACETATE/PVP CONCENTRATION**

**Dissertation submitted to**

**ISLAMIAH COLLEGE (AUTONOMOUS)**

**Affiliated to the**

**THIRUVALLUVAR UNIVERSITY**

**In partial fulfillment of the requirements**

**for the award of the Degree of**

**MASTER OF SCIENCE**

**IN**

**PHYSICS**

**By**

**A YOKESH**

**(Reg.No : 31120P21009)**

**Under the Guidance of**

**Dr.P.MUZAMMIL M.Sc., M.Phil., Ph.D.,**

**Assistant Professor of Physics**

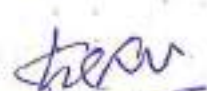


**DEPARTMENT OF PHYSICS**

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**VANIYAMBADI-635 752**

**MAY 2022**

  
**ASSOCIATE PROFESSOR & HEAD**  
**DEPARTMENT OF PHYSICS**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI-635 752.**

  
**PRINCIPAL**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 2.**

b/c

30-11-2021

From

Dr. H. Abdul Jaffar Ali,  
Assistant Professor and Head,  
Department of Biotechnology,  
Islamiah College (Autonomous),  
New Town,  
Vaniyambadi- 635 752

To

The Managing Director,  
Vanitech Limited  
183, Kutchery Road Extension Road,  
Valayambet, Vaniyambadi – 635 751

Sir,

Sub: Department of Biotechnology, Islamiah College (Autonomous) – Internship program. Requisition to provide **Internship** on “**Effluent Treatment**” for III B.Sc. Biotechnology Students – Reg.

We express our sincere thanks to you for having given Internship Training on Effluent Treatment in your plant to our students of 2018-2021 batch during Dec to Jan 2020.

We have planned to send 48 students of III B.Sc. Biotechnology of 2019-2022 batch for Internship Training in your Effluent Treatment Plant for 10 days from 21-12-2021 to 31-12-2021. We request you kindly to accommodate and provide Intensive training and do the needful. Herewith we have enclosed Bonafide List of Students.

Thanking You

Yours faithfully

  
HEAD

  
**PRINCIPAL**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 2.**

**Dr. H.ABDUL JAFFAR A.L.**  
M.Sc., M.Phil., B.Ed., Ph.D.  
Assistant Professor  
Research Supervisor  
Department of Biotechnology  
Islamiah College (Autonomous)  
Vaniyambadi - 635 752.



# ISLAMIAH COLLEGE (AUTONOMOUS)

Govt. Aided Minority Institution

Accredited by NAAC (3<sup>rd</sup> Cycle) with 'A' Grade  
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New Town, Vaniyambadi - 635 752. Tirupattur Dist. Tamil Nadu.



Phone : 04174 - 235 206  
e-mail : principal@islamiahcollege.edu.in  
website : www.islamiahcollege.edu.in



**Dr. T. MOHAMED ILYAS**, M.Com., MBA, M.Phil., Ph.D.  
PRINCIPAL AND HOD OF COMMERCE

06-12-2021

To

The Managing Director,  
Vanitech Limited  
Valayambet,  
Vaniyambadi - 635 751

Sir,

Sub: Islamiah College (Autonomous) - Internship program - Department of  
Biotechnology - Requisition to provide Internship on "Tannery Effluent  
Treatment" for III B.Sc. Biotechnology Students - Reg.

Ref.: MoU Signed dated 01-08-2018.

XXXXXXXXXXXXXXXXXX

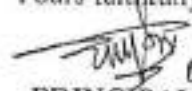

We express our sincere thanks to you for having given the training on Effluent  
Treatment in your ETP plant as a part of Internship Programme to our students of 2020-2021  
batch during Feb 2021.

I have honour to send 48 students of III B.Sc. Biotechnology of this academic year  
(2021-2022) batch for the same training in your Effluent Treatment Plant for 10 days from  
22-12-2021 to 31-12-2021 as part of Internship programme.

I request you kindly to accommodate and provide intensive training and do the  
needful. Herewith the Bonafide list of Students has been enclosed for your kind perusal.

Thanking You

  
**PRINCIPAL**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 2.**

Yours faithfully,  
  
**PRINCIPAL**  
**PRINCIPAL**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 2.**  




PG & RESEARCH  
DEPARTMENT OF BIOTECHNOLOGY



Islamiah College (Autonomous)  
Vaniyambadi - 635 752



**A REPORT OF**

**10 Days Internship Programme for  
III B.Sc. Biotechnology students**

**At**

**Vanitech Pvt. Ltd, Vaniyambadi**



**Date: 22.12.2021 to 31-12-2021**

**December 2021**

  
**PRINCIPAL**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 2.**

Page 1 of 5



## 10 DAYS INTERNSHIP PROGRAMME AT VANITECH, VANIYAMBADI

### **INTRODUCTION**

Department of Biotechnology, Islamiah College (Autonomous), Vaniyambadi deputed 48 students of III B.Sc. Biotechnology to ten days Internship Programme to VANITECH, Pvt. Ltd. which is located in Valayambattu. The Internship programme was organized with prior permission and guidance of our Principal and Management. The team members of the company performing an excellent service in converting Effluent to Affluent. The process of purifying effluent waste waters from tanneries located in and around Vaniyambadi is done here. The team members of the company are industrious in purifying the water. Let's have a detail view about the process and experience in upcoming leaf. The peasants who are working near sludges are supportive souls for our region. By the sweat of the worker's brow, we are leading a healthy life. They are the real heroes and inspiration for upcoming generations.

### **DETAILS OF OUR JOURNEY - DAY 1**

On the first day, all the students along with Dr. H. Abdul Jaffar Ali, HoD of Biotechnology and Dr. N.P.M. Mohamed Tariq and Dr. M. A. Farook (Mentor) reached the Vanitech Pvt Ltd at 10.00am and we were received by Mr. Nazeer, Manager, Vanitech Pvt Ltd. The Internship programme was inaugurated by Mr. Nazeer, in the presence of Dr. H. Abdul Jaffar Ali, Dr. N.P.M. Mohamed Tariq and Dr. M. A. Farook in the meeting hall of Vanitech. After a formal prayer and welcome address, Mr. Nazeer started his presentation with introduction and motivational quotes. He explained the overall picture of tannery effluent treatment in his power point presentation. He delivered information about the stages of passing water and usage of chemicals. He explained four different stages of treatment such as Physical method, Chemical method, Biological method and Mechanical method.



### DAY 2

On the second day, well-knowledge and experienced staff of Vanitech had interaction with the Students. The students were taken to a huge tank with the capacity of 40 lakh liters known as ETP plant. The students were explained ETP (Effluent Treatment Plant) process design for treating the industrial waste water for its reuse or safe disposal to the environment. Agitators present in many sizes and varieties, depending on the application were shown to them. In this session, they came to know about ETP plant and how it is monitored.



### DAY 3

On the third day, the structure and features of huge and modified tanks are explained. It is followed by the process of Physical method where, the divider in tank to separate the water was also explained.

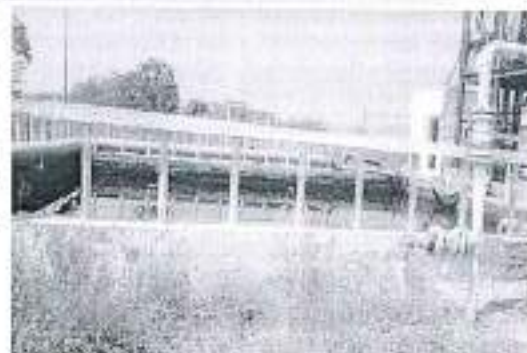


### DAY 4

On the fourth day, the usages of chemicals Aluminium Sulphate and Aluminium Chloride were explained. Pouring the chemicals in pipeline, use of rotator fixed in the center of the tank and the use of 0.03 microns of filters were explained.

### DAY 5

On the fifth day, use of aeration tank after the process of chemical method was taught. At this point,  $O_2$  is made to flow continuously at concentrated level. Various pipelines at the bottom of the tank connected for the flow of  $O_2$  gas and chemical reactions takes place were also shown and explained.





#### DAY 6

On the sixth day, collection of water in small tank was explained. Through the pipeline the water passes to the big microns RO (Reverse osmosis) section at a particular force and filtered. Reaching of water to 0.001 microns sized filter paper chamber through biological process was shown.



#### DAY 7

On the seventh day, they had a look at all motors present in Chemical method, Physical method, Biological method and Mechanical method. Motor is used for the continuous supply of oxygen in circular motion. The connections of pipes are laid in underground. These machines work for 24 hrs. The machines are not stopped. It works whole day. So this is a restless process.



#### DAY 8

On the eighth day, they learnt important biological process. They also learnt the minute filters placed at the 0.001 microns size, Nano technology used here, use of Chlorine to spoil a filter. So (SNPS) chemicals are used to settle down chlorine at the bottom using motor, the water passes through the filter and continuous flow of  $O_2$  is passed. The students understood the use of Nitrosomonas bacteria to degrade the waste particles. Finally they observed that 75% of water as purified.



### DAY 9

On the ninth day, they learnt mechanical method of treatment. They learnt about the processing of 25% of unpurified water by mechanical method. Use of Cooling tower, steam bath and centrifuge were explained. They observed the purified water from that 25% of remaining waste.



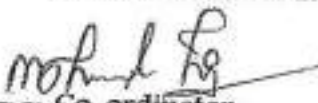
### DAY 10

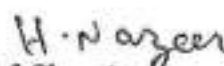

On the tenth day, dumping of waste was explained. They were explained proper disposal of final waste at the back side of the company. In this end of the day, Dr. H. Abdul Jaffar Ali, HoD of Biotechnology and Dr. N.P.M. Mohamed Tariq concluded the programme by proposing formal Vote of Thanks to the Vanitech Office bearers. The Vanitech Manager distributed the certificates to the Students.

### CONCLUSION

Internship programme was successfully organized with the support and encouragement of the Management and the Principal. The programme accomplished by the Co-operation of Staff members and the Students. The internship brought positive change in thinking and bioremediation of effluent to the Students. Students experienced good friendly bondage among themselves. The Internship completion certificates would be much useful for the future career.



  
Co-ordinator  
**DR. N. P. M. MOHAMED TARIQ**  
M.Sc., M.Phil., Ph.D., PGDCA, DQA,  
Assistant Professor  
Department of Biotechnology  
Islamiah College  
Vaniyambadi-635 752, Tamil Nadu

  
Chief Chemist-cum-Process Incharge  


  
Head

**Dr. H. ABDUL JAFFAR ALI**  
M.Sc., M.Phil., B.Ed., Ph.D.,  
Assistant Professor  
Research Supervisor  
Department of Biotechnology  
Islamiah College (Autonomous)  
Vaniyambadi - 635 752.

  
**PRINCIPAL**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 2.**  
  
Principal  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 2.**



**List of Bonafide Students – Dept of Biotechnology**

S. No.	Register No.	Name of the Student
1	31119U16001	ABDUL KALAM J
2	31119U16002	AHMED KHABEER S
3	31119U16003	ASJADH AFFAN S
4	31119U16005	DADE MOHD SIKKANTHAR
5	31119U16006	DANIYAL DAHEEM C H
6	31119U16009	DINESH KUMAR G
7	31119U16010	ELUMALAI M
8	31119U16011	GOKULNANDHA A
9	31119U16012	GOVINARAJ J
10	31119U16013	JAGANATHAN S
11	31119U16014	JAYASURYA U
12	31119U16015	JAYAVEL A
13	31119U16016	KARAN K
14	31119U16017	KISHORE T K
15	31119U16018	LINGEHWARAN R
16	31119U16019	MADHUBALU K
17	31119U16020	MOHAMED AZHAR O
18	31119U16021	MOHAMED FURKHAN P K
19	31119U16022	MOHAMMED HUSSAIN S I
20	31119U16023	MOHAMMED UMER M
21	31119U16024	MUSAF HISAM K
22	31119U16025	NANDHA GOPAL M
23	31119U16026	NAVEENKUMAR D
24	31119U16027	NAVEENKUMAR S
25	31119U16029	PARTHIBAN
26	31119U16030	POOBALAN R
27	31119U16031	POOBALAN S
28	31119U16032	POOVARASAN P
29	31119U16033	PRADEEP S
30	31119U16034	PRASHANTH P
31	31119U16035	RAHUL M
32	31119U16036	RAJESH R
33	31119U16037	RANJITH KUMAR R
34	31119U16038	SENTAMIL B
35	31119U16039	SOUNDHARRAJAN P
36	31119U16040	SRIDHARAN K
37	31119U16041	STALIN K
38	31119U16042	SURYAKUMAR S
39	31119U16043	SURYA A
40	31119U16044	THIRUPPATHI D
41	31119U16045	VASU N S
42	31119U16046	VIGNESH K
43	31119U16047	VIGNESH V
44	31119U16048	VIKRAM A R
45	31119U16049	VILVAKUMARAN E
46	31119U16050	VISWANATHAN A
47	31119U16051	YAKESH S
48	31119U16053	ZUBAIR KHAN T K



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**Islamiah College (Autonomous)**  
**Vaniyambadi - 635 752**

**100**  
**YEARS**

1922-2022

## **Report on**

**FIELD VISIT TO SERICULTURE FARM**

**(MR. VENKOBA RAO FARM)**

**ALANGAYAM**

**Organized by**



**PG & RESEARCH**  
**DEPARTMENT OF BIOTECHNOLOGY**

**05.03.2022**

**Dr. M.A. Farook**

**Co-ordinator**

**Assistant Professor**

**Department of Biotechnology**

  
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### Background of the Field visit

PG and Research Department of Biotechnology aims to endow the students with extraordinary skills of life making them not just job seekers but job creators. We equip our students with experiential learning by taking them to various field visits to get in sighted into the applications of Biotechnology every year.

As a part of their curriculum, this year our II B.Sc. Chemistry and Biochemistry students were taken in to Sericulture farm for enhancing their experiential learning in the domain of sericulture in the presence of the Head of the Department and staff members.



### Executive summary of the visit

SoP for Covid 19 pandemic laid down by the Government of Tamilnadu was strictly followed during the visit. There were 51 students accompanied by Dr. H. Abdul Jaffar Ali, Head, Department of Biotechnology and Two staff members Dr. M.A. Farook and Mr. S. Zakirullah, Assistant Professors of Biotechnology. Students assembled at the College Entrance at 2.00 pm on 05.03.2022 and proceeded Mr. Venkoba Rao farm, Alangayam by 2.30 pm.

On our arrival at Sericulture Farm Mr. Venkoba Rao warmly welcomed us. He had taken time off his busy schedule he welcomed us.

The students and staff members visited Sericulture farm. All the students were taken to two important divisions of the Sericulture – Bombyx mori rearing shed and Mulberry plant cultivation field.

#### Mulberry plant cultivation field

V1 and S36 are the high yielding mulberry varieties which are highly suitable for silkworm rearing. These two varieties produce nutritive leaf, which is essential for good growth of silkworm larvae are cultivated by Mr. Venkoba Rao.

#### S-36

- The leaves are heart shaped thick and light green with glowing nature.
- The leaves have high moisture and more nutrient content.

- About 15,000 to 18,000 Kg of mulberry leaf per year from one acre.

V-1

- This variety was released during 1997 and very popular in the field.
- The leaves are oval, broad in shape, thick, succulent and dark green
- About 20,000 to 24,000 Kg of mulberry leaf yield can be obtained in a year.



#### Bombyx mori rearing shed

Silkworm Rearing is considered to be an agro based cottage industry since it involves mulberry cultivation. It is ideally suited for the rural areas. Silkworms are reared for the production of "cocoons" which is the raw material for silk production. Silkworms are reared in well ventilated rearing shed. Mr. Venkoba Rao clearly explains the rearing of silkworms, cocoons formation and marketing demands of cocoons.






Finally Mr. Venkoba Rao clearly explained the importance and opportunities of Sericulture and he said that the students will be able to start sericulture practice in their own land. Mr. Venkoba Rao congratulated our Department of Biotechnology for its sincere efforts to providing experiential exposure to the students of Biochemistry and Chemistry. At the end of the Visit we reached our College at 6.00 pm. We express our sincere thanks to the management and particularly respected secretary and correspondent Janab L.M. Muneer Ahmed and respected Principal Dr. T. Mohamed Ilyas for their unflinching support and constant encouragement.



4 Mar 2023 3:08:10 pm  
12°37'25"N 78°44'11"E

Field visit to Seri Culture Farm, Alangayam,  
For II B.Sc. Chemistry & Bio Chemistry  
by Department of Biotechnology

  
Co-ordinator

  
Head  
DEPT. OF BIOTECHNOLOGY  
ISLAMIAH COLLEGE (Autonomous)  
VANIYAMBADI-635 752

  
Principal  
PRINCIPAL  
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VANIYAMBADI - 2.



**ISLAMIAH COLLEGE [AUTONOMOUS]**  
DEPARTMENT OF BIOTECHNOLOGY  
**FIELD VISIT TO SERICULTURE FARM, ALANGAYAM**  
(Mr. VENKOB RAO FARM)



**II B.Sc BIOCHEMISTRY – ATTANDACE SHEET**

S. No.	Register number	Name of the Student	Mode of Travel	Signature
1	31120U15001	AATHIF ADNAN M	BUS	A. Aathif
2	31120U15002	ABUTHAHIR T		
3	31120U15003	AHSAN SAFEER C	BUS	A. Ahsan
4	31120U15004	AJITHKUMAR S	Bike	A. Ajith
5	31120U15005	ANANDHAN S	Bike	A. Anandhan
6	31120U15006	ANANTHAESHWARAN G		
7	31120U15007	ARISH S		
8	31120U15008	AYMAAN FARAAZ	BUS	A. Aymaan
9	31120U15009	DELHIGANESH R	BUS	R. Delhiganesh
10	31120U15010	DESIGAN P	BUS	P. Desigan
11	31120U15011	DINESH M	Bike	M. Dinesh
12	31120U15012	HARISH KUMAR A	Bike	A. Harish Kumar
13	31120U15013	ISHRAQUE AHMED R		
14	31120U15014	JAYAKUMAR D		
15	31120U15016	KAVIYARASAN V	Bike	V. Kaviyarasan
16	31120U15017	KISHOR MELVIN I		
17	31120U15018	LOGAYSH SHANJAY R S	BUS Bike	R.S. Logaysh
18	31120U15019	MAGESHBOOPATHI R		
19	31120U15020	MANI S	Bike	Mani S
20	31120U15021	MANIJUNATHAN V		
21	31120U15022	MD MUSSAB S	BUS	S. Md Mussab
22	31120U15023	MOHAMMED ALTHAF A		
23	31120U15024	MOHAMMED FURQAN K	BUS	K. Mohammed Furqan
24	31120U15025	MUHAMMAD RAQIB H	BUS	H. Muhammad Raqib
25	31120U15026	MUHAMMAD RAYAN V K		
26	31120U15027	MONISHKUMAR R	BUS	R. Monishkumar
27	31120U15028	MUGILAN S	BUS Bike	S. Mugilan
28	31120U15029	NAVEEN KUMAR L	Bike	L. Naveen
29	31120U15030	NISHANTH R		
30	31120U15031	NIZAMUDDIN A		
31	31120U15032	POOVARASAN B	BUS	B. Poovarasan
32	31120U15033	PREMKUMAR R	Bike	R. Premkumar






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33	31120U15034	RAMESH P		
34	31120U15035	SANTHOSH M	Bus Bike	Mr. Santosh M
35	31120U15036	SATHISH S		
36	31120U15037	SIVA P		
37	31120U15038	SIVA S		
38	31120U15039	SUBIKASH S	Bus	A. Subikash S
39	31120U15040	SUFIYAN MUSTAFA S	Bus	S. Sufiyan
40	31120U15041	SYED OMER M		
41	31120U15042	TAHA AYAN K		
42	31120U15043	TAMILMANI P		
43	31120U15044	THIRUPATHI M	Bus	M. Thirupathi
44	31120U15045	THOUHITH S	Bus	S. Thirupathi
45	31120U15046	VALLARASU P	Bus	P. Vallarasu
46	31120U15047	VASANTH S	Bus Bike	S. Vasanth
47	31120U15048	VIGNESH K		
48	31120U15049	VIGNESH M		
49	31120U15050	VIJAYAKUMAR A	Bus	A. Vijayakumar
50	31120U15051	VISHWA K	Bus Bike	K. Vishwa

  
Professor in-charge

  
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Head of the Department  
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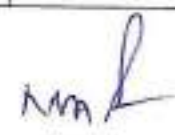


**ISLAMIAH COLLEGE [AUTONOMOUS]**  
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**FIELD VISIT TO SERICULTURE FARM, ALANGAYAM**  
(Mr. VENKOB RAO FARM)



**II B.Sc CHEMISTRY - ATTANDACE SHEET**

S. No.	Register number	Name of the Student	Mode of Travel	Signature
1	31120U17001	ABDULBASHA U	BUS	U. Abdulbasha
2	31120U17002	AKASH G	BUS	G. Akash
3	31120U17006	DHANUSH RAJ V	BUS	V. Dhannush Raj
4	31120U17009	DHINO B	BUS	B. Dhino
5	31120U17010	DINESHKUMAR L	BUS	L. Dinesh Kumar
6	31120U17011	GOPI M	BUS	M. Gopi
7	31120U17014	IYAPPAN S	BUS	S. Iyappan
8	31120U17015	JAGAN A	BUS	A. Jagann
9	31120U17016	JAGANNATH P	BUS	P. Jagannath
10	31120U17018	KALIDHAS G	BUS	G. Kalidhas
11	31120U17019	KEERTHIRAJ A	BUS	A. Keerthiraj
12	31120U17020	KRISHNAN R	BUS	R. Krishnan
13	31120U17021	MADHAN KUMAR P	BUS	P. Madhan Kumar
14	31120U17022	MEGANATHAN B	BUS	B. Meganathan
15	31120U17028	NASAR B	BUS	B. Nasar
16	31120U17031	NITHISHVARMAN A	BUS	A. Nithishvarman
17	31120U17032	POOVARASAN D		
18	31120U17038	SAKTHIVEL A	BUS	A. Sakthivel
19	31120U17040	SANTHOSH M	BUS	M. Santhosh
20	31120U17041	SARAVANAN S	BUS	S. Saravanan
21	31120U17043	SATHISH N	BUS	N. Sathish
22	31120U17047	SIVA S		
23	31120U17049	SIVAKUMAR P	BUS	P. Sivakumar
24	31120U17052	VIGNESH V	BUS	V. Vignesh
25	31120U17054	VINOTHKUMAR K	BUS	K. Vinoth Kumar

  
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## CERTIFICATE

It is certified that Mr. K. BARATH, M.Sc., Biotechnology, Department of Biotechnology, Islamiah College (Autonomous), Vaniyambadi, performed the "Hands on Training on *In vitro* Bioassays" from 21.02.2022 to 26.02.2022.

*Principal*

PRINCIPAL  
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*Dr. P. Annamalai*  
Dr P. ANNAMALAI, IAS, Ph.D.,  
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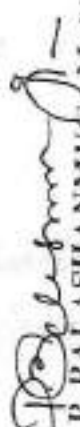
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Department of Biotechnology, Islamiah College (Autonomous), Vaniyambadi, performed the  
“**Hands on Training on *In vitro* Bioassays**” from 21.02.2022 to 26.02.2022.

  
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स्वास्थ्य अनुसंधान विभाग, स्वास्थ्य और परिवार  
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Department of Health Research, Ministry of Health  
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Date: 27<sup>th</sup> April 2022

### BONAFIDE CERTIFICATE

This to certify that the dissertation entitled "Decreased Antigen Specific QuantIFERON Stimulated Supernatant Levels of Gamma-C Cytokines In Latent Tuberculosis Comorbidities" submitted in partial fulfilment of the requirement for the Master Of Science in Biotechnology is record of bonafide work carried out at National Institutes of Health-International Centre For Excellence In Research (NIH-ICER), National Institute For Research In Tuberculosis (NIRT), Indian Council For Medical Research (ICMR), Chetpet, Chennai by **Mr. ABDUL RAHIM.K (Reg. No. 31120P13001), ISLAMIAH COLLEGE (Autonomous), Vaniyambadi 635-752** during December 2021 - March 2022 under my supervision and guidance and no part of this work has been submitted for the award of any other degree, diploma or fellowship, seminar titles or prizes and that the work has not been published in part or full in any scientific popular journal or magazines.

Yours sincerely,

**Dr. S. Subash Babu, MBBS., Ph.D.,**  
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(भारतीय कृषि अनुसंधान परिषद)  
थोगामलाई रोड, थायनूर पोस्ट,  
तिरुचिरापल्ली. - ६२० १०२. तमिलनाडु

National Research Centre for Banana  
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## CERTIFICATE

This is to certify that the dissertation entitled "**In Vitro Plantlet Regeneration from Embryogenic Cell Suspension and Shoot Tip Explant of Banana Hybrid NCR-17 (Nendran  $\times$  CV. Rose) and Validation of Ploidy Level by Flow Cytometer and Genetic Integrity Through Simple Sequence Repeats Markers**" for the partial fulfilment of **Master of Science in Biotechnology** is record of bonafide work carried out at Tissue Culture Laboratory, Crop Improvement Division, Indian Council of Agricultural Research (ICAR) - National Research Center Of Banana (NRCB), Tiruchirappalli by **Mr. N. GOKUL ( Reg. No. 31120PI3004 )**, **ISLAMIAH COLLEGE (Autonomous)** Vaniyambadi - 635 752 during **January 2022-May 2022** under my supervision and guidance and no part of this work has been submitted for the award of any degree, diploma or fellowship, seminar or prizes.

  
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Date : 19.05.2022

Place : Tiruchirappalli

  
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## **BONAFIDE CERTIFICATE**

This is to certify that this project report is the bonafide work of **Mr. Md. Vaseel Ahmed S (Reg No. 31120P13006)** who carried out project entitled **"Fabrication of graphene oxide-HAp incorporated polymer scaffold for bone tissue engineering application"** under my supervision from **December 2021 to May 2022**. I considered that the dissertation has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the dissertation have not been submitted for the award of any other degree or diploma in this or any other Institution.

### **SUPERVISOR**

Signature :

Name :

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INDIAN COUNCIL OF  
MEDICAL RESEARCH  
NATIONAL INSTITUTE FOR  
RESEARCH IN TUBERCULOSIS



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स्वास्थ्य अनुसंधान विभाग, स्वास्थ्य और परिवार  
कल्याण मंत्रालय, भारत सरकार

ICMR - National Institute for Research in Tuberculosis  
Department of Health Research, Ministry of Health  
and Family Welfare, Government of India

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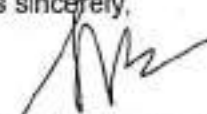
Fax: +91 44 2836 9757

Date: 27<sup>th</sup> April 2022

### BONAFIDE CERTIFICATE

This to certify that the dissertation entitled "Increased Antigen Specific QuantiFERON Stimulated Supernatant Levels of Gamma-C Cytokines In Latent Tuberculosis Comorbidities" submitted in partial fulfilment of the requirement for the Master Of Science in Biotechnology is record of bonafide work carried out at National Institutes of Health-International Centre For Excellence in Research (NIH-ICER), National Institute For Research In Tuberculosis (NIRT), Indian Council For Medical Research (ICMR), Chetpet, Chennai by Mr. MOHAMED FAHAD.S (Reg. No. 31120P13007), ISLAMIAH COLLEGE (Autonomous), Vaniyambadi 635-752 during December 2021 - March 2022 under my supervision and guidance and no part of this work has been submitted for the award of any other degree, diploma or fellowship, seminar titles or prizes and that the work has not been published in part or full in any scientific popular journal or magazines.

Yours sincerely,

  
Dr. S. Subash Babu, MBBS., Ph.D.,  
Scientific Director

**Dr. S. Subash Babu, MBBS., Ph.D.**  
Scientific Director  
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## **BONAFIDE CERTIFICATE**

This is to certify that this project report is the bonafide work of **Mr. Muzammil R (Reg No. 31120P13008)** who carried out project entitled **"Evaluation of Bactericidal activity of Chitosan-Selenium nanocomposites on aquatic pathogen (*Vibrio cholerae*)"** under my supervision from **December 2021 to May 2022**. I considered that the dissertation has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the dissertation have not been submitted for the award of any other degree or diploma in this or any other Institution.

### **SUPERVISOR**

Signature :

Name :

**Dr. T. STALIN DHAS**

  
**PRINCIPAL**  
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Dr. T. STALIN DHAS, M.Sc., Ph.D.  
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**MAHATHI BIOTECH**  
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## CERTIFICATE

This is to certify that the dissertation entitled "Extraction, Purification and Evaluation of anti-oxidant activities of C-phycoerythrin from Spirulina and its food applications" for the partial fulfillment of Master of Science in Biotechnology is record of bonafide work carried out in the laboratory of MAHATHI BIOTECH, Ramapuram, Chennai by **Mr. M. SAKTHIVEL** (Reg.no:31120P13009), **ISLAMIAH COLLEGE (AUTONOMOUS), VANIYAMBADI - 635752** during January 2022 - May 2022 under my supervision and guidance and no part of this work has been submitted for the award of any degree, diploma or fellowship, seminar or prizes.

Date : 21.05.2022

Place: Chennai

  
**PRINCIPAL**  
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Dr. S. Babu

Research Supervisor

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## CERTIFICATE

This is to certify that the dissertation entitled "**Cultivation of Azolla and its Nutritional Enrichment in Combination with Seaweed**" for the partial fulfillment of Master of Science in Biotechnology is record of bonafide work carried out In the laboratory of MAHATHI BIOTECH, Ramapuram, Chennai by **Mr. K. SRINATH (Reg.no:31120P13011)**, ISLAMIAH COLLEGE (AUTONOMOUS), VANIYAMBADI – 635752 during January 2022 - May 2022 under my supervision and guidance and no part of this work has been submitted for the award of any degree, diploma or fellowship, seminar or prizes.

  
**PRINCIPAL**  
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Date : 21.05.2022

Place: Chennai.

  
Dr. S. Babu

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## BONAFIDE CERTIFICATE

This is to certify that this project report is the bonafide work of Mr. Nouman Shahid S (Reg No. 31120P13012) who carried out project entitled "Assessment of Chitosan-Selenium coated nitrocellulose membrane on aquatic pathogen" under my supervision from December 2021 to May 2022. I considered that the dissertation has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the dissertation have not been submitted for the award of any other degree or diploma in this or any other Institution.

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# **"EXTRACTION OF NICOTINE SULPHATE FROM SAMPLE OF CIGARETTES"**

*A dissertation submitted to Islamiyah College (Autonomous) Affiliated to Thiruvalluvar University Vellore*

*In partial fulfilment of the requirements  
for the award of degree of*

**MASTER OF SCIENCE**

*IN*

**CHEMISTRY**

*By*

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# "GREEN SYNTHESIS OF CHITOSAN AND LIMONIA ACIDISSIMA BLEND".

*A dissertation submitted to Islamiah college (Autonomous) Affiliated to Thiruvalluvar University*

*Vellore*

*In partial fulfilment of the requirements*

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**EXTRACTION AND CHARACTERIZATION OF HARMLESS  
MOSQUITO REPELLANT FROM THE SEEDS OF NUX VOMICA AND  
WILD-BASIL PLANT LEAVES**

Project work submitted to Islamiah College (Autonomous), Vaniyambadi  
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# GREEN SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL ACTIVITY OF SPIROHETEROCYCLES THROUGH 1,3 -DIPOLAR CYCLOADDITION OF AZOMETHINE YLIDES

*Project work submitted to Islamiah college (Autonomous), Vaniyambadi  
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**SYNTHESIS OF SILVER NANOPARTICLES AND THEIR,  
CHARACTERIZATION BY XRD FOR ASIAN PALMYRA PALM**

**Project Submitted in Partial Fulfillment of the  
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# TREATMENT OF SEWAGE FROM TANNERIES AT VANITECH

A DISSERTATION SUBMITTED TO ISLAMIAH COLLEGE(AUTONOMOUS)  
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*In partial fulfillment of the requirements  
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# PREPARATION OF HERBAL HAND SANITIZER

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**ANALYSIS OF VEGETABLE AND FRUIT JUICE**

PROJECT WORK SUBMITTED TO

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**SYNTHESIS OF CHARACTERIZATION OF MgO NANOPARTICLES  
BY ORANGE FRUIT WASTE THROUGH GREEN METHOD\***

*Project work submitted to Islamiah College (Autonomous), Vaniyambadi*

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# **“UV-VISBLE SPECTROSCOPIC STUDY OF BLENDS OF CHITOSAN AND ACALYPHA INDICA EXTRACT”**

*Project work submitted to islamiah college (Autonomous), Vaniyambadi*

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*In partial fulfillment of the requirements*

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# **MOLECULAR IODINE BASED DISINFECTANTS**

Project work submitted to Thiruvalluvar University,  
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# **MOLECULAR IODINE BASED DISINFECTANTS**

~~Project work~~ submitted to Thiruvalluvar University,  
~~in~~ partial fulfillment of the requirements  
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# SYNTHESIS OF COPPER OXIDE BY LIMONIA ACIDISSIMA FRUIT EXTRACT

*A dissertation submitted to Islamiah College (Autonomous)*

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# PHYTOCHEMICAL ANALYSIS OF FLOWER EXTRACTS OF *CASSIA AURICULATA* BY USING GAS CHROMATOGRAPHY-MASS SPECTROMETRY

*Project work submitted to Islamiah College (Autonomous), Vaniyambadi*

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**FABRICATION AND CHARACTERIZATION OF ASIAN PALMYRA  
PALMSHELL ACTIVATED CARBON USING VARIATION  
CHEMICAL ACTIVATION FOR DOMESTIC WATER TREATMENT  
APPLICATION**

**Project Submitted in Partial Fulfillment of the  
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# **TANNERY EFFLUENT TREATMENT PROCESS AT VANITECH**

A DISSERTATION SUBMITTED TO ISLAMIAH COLLEGE (AUTONOMOUS) AFFILIATED  
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*In partial fulfillment of the requirements  
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# WASTE WATER TREATMENT PROCESS ATVANITECH

*A Dissertation submitted to the Islamiah College (AUTONOMOUS) Vaniyambadi*

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**PREPARATION AND EXPERIMENTATION OF HARMLESS  
MOSQUITO REPELLANT FROM HOLI-BASIL AND  
WILD-BASIL PLANT LEAVES**

Project work submitted to Islamiah College (Autonomous), Vaniyambadi

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**TO STUDY THE QUANTITY OF  
CASEIN PRESENT IN DIFFERENT  
SAMPLE OF MILK**  
PROJECT WORK SUBMITTED TO  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
Affiliated to the  
**THIRUVALLUR UNIVERSITY**  
In partial fulfillment of the requirement  
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**PHYTOCHEMICAL STUDY AND CHARACTERISATION,  
OF *KALANCHOE PINNATA* - A HERBAL PLANT FOUND IN  
VELLAKKUTTAI**

Project work submitted to Thiruvalluvar University, Vellore

In partial fulfillment of the requirements

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# MOLECULAR IODINE BASED DISINFECTANTS

Project work submitted to Thiruvalluvar University,  
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20P14003	DINESH KUMAR M
20P14004	GOKUL D
20P14005	GOPINATH R
20P14006	GUNASEKAR T
20P14007	HARI PRASANTH C
20P14008	JABARULLAH M
20P14009	JAIKUMAR A
20P14010	KARTHICK S
20P14011	LOGESHWARAN C
20P14012	MANIKANDAN S
20P14013	MOHAMMED ADHNAN A
20P14014	PERUMAL K
20P14015	PRABU A
20P14016	PRADEEP R
20P14017	PURUSOTHAMAN P
20P14018	RAJENDIRAN C
20P14019	SACHIN K
20P14020	SAM ISSAC N
20P14021	SAMIULLAH KHAN F
20P14022	SAQLAIN SULTAN V R M
20P14023	SATHISH G
20P14024	SEENIVASAN V
20P14025	SYED FAREED PEERAN M
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50	U19CA053	M. MOHAMMED RAIYAN	FARIDA SHOES PVT. LTD.
51	U19CA054	MUFEEZULLAH V M	FARIDA SHOES PVT. LTD.
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57	U19CA062	SANTHOSH G	CO-OPERATIVE URBAN BANK
58	U19CA063	SHOWKATH R	TRADE MENTOR
59	U19CA064	SRINATH V S	SUGIYA SHOES
60	U19CA065	SRIRAMU B	GRC & ASSOCIATIONS
61	U19CA066	SUBASH R	ASHOK LEYLAND
62	U19CA067	SUFIYAAN SIRAJ A	MOHIB SHOES, AMBUR
63	U19CA068	SURESH BALAJI M	WAKEFIT INNOVATION PVT. LTD.
64	U19CA069	SYED AYUB	VANITECH
65	U19CA070	SYEDAMEEN S	FARIDA SHOES PVT. LTD.
66	U19CA071	THVETHARAJ E	ROYAL EAGLE EXPORT, VNB
67	U19CA072	VIGNESH PRASANNA S	WAKEFIT INNOVATION PVT. LTD.
68	U19CA073	VIJAYAN K	ASHOK LEYLAND
69	U19CA074	ZULFIQAR SIRAJ	MOHIB SHOES, AMBUR

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**VANIYAMBADI - 2.**



**DEPARTMENT OF COMMERCE (Computer Applications)**  
**ISLAMIAH COLLEGE (AUTONOMOUS), VANIYAMBADI**

**COMPANY WISE LIST OF INTERNSHIP CANDIDATES**

Batch: 2019 - 2022

Semester: VI

Internship Period: 15 Days

Month & Year: Dec - 2021

S. No	Reg. No	Name of the Student	Name of the Company
1	U19CA001	AADIL AHMED A	AXA LEATHER GROUP
2	U19CA002	AATHAM A	FARIDA SHOES PVT. LTD.
3	U19CA003	ABRAR AHMED H	SHAFEEQ&SHAMEEL CO.
4	U19CA004	ABUBAKER SIDDIQ	VANITECH, VANIYAMBADI
5	U19CA005	AFZAL SHEIK N	MOHIB SHOE PVT,LTD.
6	U19CA006	AHMED BASHA A	FARIDA CLASSIC PVT.LTD
7	U19CA007	ALLAH BAKASH Z	MOHIB SHOES, AMBUR
8	U19CA008	ANNAMALAI R	WAKEFIT INNOVATION PVT. LTD.
9	U19CA009	AREEF B H	MOHIB SHOES, AMBUR
10	U19CA010	ASHRAF ALI N	FARIDA CLASSIC PVT.LTD
11	U19CA011	ASWAN BASHA I	MOHIB SHOES, AMBUR
12	U19CA012	AZEEZUR RAHMAN P	AXA LEATHER GROUP
13	U19CA013	AZHARUDDIN K	TRADE MENTOR
14	U19CA014	BHARATH S	ROYAL EAGLE EXPORTS
15	U19CA016	FAHEEMULLAH V R	TIPU & CO., CHENNAI
16	U19CA017	FAIZAN AHMED P	VANITECH, VANIYAMBADI
17	U19CA018	FAIZANUDDIN S	HIJAZ KURODA GLOVES PVT. LTD.
18	U19CA019	GOKUL S	CO-OPERATIVE URBAN BANK
19	U19CA020	GURUMOORTHY A	ASHOK LEYLAND
20	U19CA021	HARIKRISHNAN S	CO-OPERATIVE URBAN BANK
21	U19CA023	JAFFAR ALI	VANITECH
22	U19CA024	JAWAHAR M	WAKEFIT INNOVATION PVT. LTD.
23	U19CA025	KAMESH KANNAN P	ASHOK LEYLAND
24	U19CA026	KAREEM S	TRADE MENTOR
25	U19CA027	KASHIF AHMED T M	TRADE MENTOR
26	U19CA028	KHALILUR RHAMAN K	STATE BANK OF INDIA
27	U19CA029	MANSOOR SHABAAZ H	FARIDA CLASSIC PVT.LTD
28	U19CA030	MAQDOOM BASHA M	MOHIB SHOES
29	U19CA031	MASEEUR RAHMAN P	TIPU & CO., CHENNAI
30	U19CA033	MD SAADIQUE C	FARIDA SHOES PVT. LTD.
31	U19CA034	MOHAMED ADANA SAMI K	SHAFEEQ&SHAMEEL CO.
32	U19CA035	MOHAMED KABEER S	FARIDA SHOES PVT. LTD.
33	U19CA036	MOHAMED KASIM S	CHENNAI

<b>8</b>	1	31119U08012	FAIZAN BASHA C	<b>K K Multi-tech Industries, Tirupattur</b>
	2	31119U08036	MOHAMMED ISMAIL ZABEEHULLAH O	
	3	31119U08051	MOHAMMED YASSER A S	
	4	31119U08064	SAAQUIB ADNAN K N	
<b>9</b>	1	31119U08013	FARHAN AHMED M	<b>Ahmedia Hotel, Vaniyambadi</b>
	2	31119U08021	MASIUR RAHMAN A	
	3	31119U08039	MOHAMMED MUIZ BURHAN R G	
	4	31119U08067	SHAIK MOHD IDREES	
	5	31119U08071	SYED NASIR AHMED	
<b>10</b>	1	31119U08014	GHANI LUQHMAN ZAID	<b>Barin International, Vaniyambadi</b>
	2	31119U08047	MOHAMMED TAHOOR S	
	3	31119U08056	MUSSAB SALICK K H	
	4	31119U08073	UMAID RASHEED T K	
<b>11</b>	1	31119U08015	HAFAEZUR RAHMAN C	<b>Shalimar Tanning Company, Ambur</b>
	2	31119U08019	KASEER AHMED F	
	3	31119U08069	SULTHAN H M	
	4	31119U08054	MOHSIN AHMED T	
<b>12</b>	1	31119U08018	KARTHIK S	<b>Srijan Motors, Krishnagiri</b>
	2	31119U08037	MOHAMMED MISHAL I	
	3	31119U08055	MUBARAK BASHA H	
	4	31119U08057	MUZAFAR J	
<b>13</b>	1	31119U08020	MANIGANDAN S	<b>Sri Rishi Fire Safety Enginers Work, Hosur</b>
	2	31119U08043	MOHAMMED SAEED B	
	3	31119U08059	NANDAKUMAR T	
	4	31119U08060	NAVEENKUMAR M	
<b>14</b>	1	31119U08025	MD TAHIR ZAIN G	<b>Dhiraj Mobiles, Vaniyambadi</b>
	2	31119U08046	MOHAMMED SHOAIB N	
	3	31119U08052	MOHAMMED ZAID N	
	4	31119U08061	NOUFEL AMEEN V K	
<b>15a</b>	1	31119U08029	MOHAMED IMAD P	<b>Janseva Cooperative Credit Society,</b>
	2	31119U08045	MOHAMMED SAQIB S	
<b>15b</b>	1	31119U08044	MOHAMMED SAFEER P	<b>Islamiah Boys Hr. Sec. School, Vaniyambadi</b>
	2	31119U08077	ZUHAIB AHMED V	
<b>16</b>	1	31119U08031	MOHAMMED AFTAB V	<b>Vanitec, Vaniyambadi</b>
	2	31119U08035	MOHAMMED FURQAN P	
	3	31119U08049	MOHAMMED TAQI TABISH M	
	4	31119U08065	SAFIULLAH N	
<b>17</b>	1	31119U08033	MOHAMMED AFNAN B	<b>City Supermarket, Vaniyambadi</b>
	2	31119U08040	MOHAMMED MUZAKKIR S A	
	3	31119U08041	MOHAMMED NUSAIB C	
	4	31119U08050	MOHAMMED UZAIR IBTISAM	



# Department of Business Administration

## BBA - GROUP PROJECT - TEAM - 2022

Team#	S#	Register #	Team Members	Company
1	1	31119U08001	AAKIFUR RAHMAN T M	Vanitec, Vaniyambadi
	2	31119U08007	AZHARUDDIN S	
	3	31119U08042	MOHAMMED SABEEL V	
	4	31119U08048	MOHAMMED TALHA K	
2	1	31119U08002	AATIF MAZHER A	Seema Super Market, Vaniyambadi
	2	31119U08004	AFNAN MALICK B	
	3	31119U08008	BANGI MD SHAKEEB ADNAN	
	4	31119U08017	IRSHAD AHMED A	
	5	31119U08075	ZAID AFFAN B	
3	1	31119U08003	ABDUL KHUDDUS H	Mohib Shoes, Ambur
	2	31119U08034	MOHAMMED FAIZAN AADIL OOSI	
	3	31119U08053	MOHAMMED ZULTHAF B	
	4	31119U08062	PEERATHI MOHAMMED NAUMIR	
	5	31119U08068	SHARIQ MOHAMMED N S	
4	1	31119U08005	ASRAR SHAMEEL M	Naskar Marketing, Vaniyambadi
	2	31119U08011	FAISAL NIHAL S	
	3	31119U08038	MOHAMMED MUDASSIR G	
	4	31119U08070	SYED MUSHRAF S	
	5	31119U08074	UVIEZ ISMAIL T	
5	1	31119U08006	AYIZ ZAID	Success (Garments), Ambur
	2	31119U08016	IMAD HUSSAIN K	
	3	31119U08026	MOHAMED AFFAN J	
	4	31119U08027	MOHAMED AFFAN P	
	5	31119U08078	MOUDA TALHA FIRAS	
6	1	31119U08009	DANIYAL SAMEED O S	Hotel Hills, Tirupattur
	2	31119U08022	MD AFFAN KHAN I	
	3	31119U08032	MOHAMMED AAMIR KALEEMI F	
	4	31119U08072	TAUFEEQ A	
	5	31119U08076	ZEESHAN J	
7	1	31119U08010	FAHAD SHARIQ V	Mohib Shoes, Ambur
	2	31119U08023	MD HUZEFA V	
	3	31119U08024	MD SAQIB T	
	4	31119U08063	RAASHIQ AHMED D R	
	5	31119U08058	NADEEM S	



# TREATMENT OF WATER RELEASED FROM LAB DISCHARGE WASTE WATER

Project Submitted in Partial Fulfillment of the  
Degree of MSc in Chemistry

to the

Islamiah College (Autonomous), Vaniyambadi

By

SEENIVASAN V

Register No: 31120P14024

Under the Guidance of

Dr. N. NADEEM AFROZE, M.Sc., B.Ed., Ph.D.

Assistant Professor & Research Supervisor



POST GRADUATE & RESEARCH DEPARTMENT OF CHEMISTRY  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI – 635 752

MAY 2022

  
PRINCIPAL  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI - 2.

**PHYTOCHEMICAL STUDY AND CHARACTERISTION OF  
"ANDROGRAPHIS -PANICULATA"- A HERBAL PLANT FOUND  
IN ALANGAYAM**

Project work submitted to Islamiah college(Autonomous)  
Vaniyambadi Affiliated to Thiruvalluvar University, Vellore In  
partial fulfillment of the requirements  
for the award of degree of

**MASTER OF SCIENCE  
IN  
CHEMISTRY**

By  
**SATHISH.G**

**Reg No: 31120P14023**

Under the guidance of  
**Dr. M.K. THIRUPATHY, M.Sc., M.Phil., B.Ed., Ph.D.**  
Assistant professor  
PG and Research department of chemistry



  
**PRINCIPAL**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 2.**

DEPARTMENT OF CHEMISTRY  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI - 635 752  
TIRUPATTUR DIST  
MAY-2022

# **"COMPARISON OF UV SPECTRA OF BLENDS OF CHITOSAN AND TRIDAX PROCUMBEN EXTRACT".**

*A dissertation submitted to Islamiah College (Autonomous) Affiliated to Thiruvalluvar University*

*Vellore*

*In partial fulfilment of the requirements*

*for the award of degree of*

**MASTER OF SCIENCE**

*IN*

**CHEMISTRY**

*By*

**SYED FAREED PEERAN M**

**Reg No: 31120P14025**

Under the guidance of

**Dr. S. JAFAR SATHIK, M.Sc., M.Phil., Ph.D.**

Assistant professor

PG and Research Department of Chemistry



**ISLAMIAH COLLEGE (AUTONOMOUS)**

**VANIYAMBADI – 635 752**

**TIRUPATTUR DIST**

**MAY 2022**

  
**PRINCIPAL**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 2.**




**DR. A.SOWKATH**, M.Sc.,M.Phil.,Ph.D  
Associate Professor of Chemistry,  
P.G & Research Department of Chemistry,  
Islamiah College (Autonomous)  
Vaniyambadi – 635 752

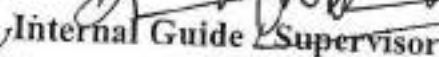


## CERTIFICATE

This is to certify that the project work dissertation entitled **"PERFORMANCE EVALUATION OF UNIT TREATMENT PROCESS AT VANITEC"**.

It a bonefide record of project work done by **Mr. M.VENKATASALAM**, Reg No:31120P14028. During the academic year 2018 – 2020, Submitted to the Thiruvallur University, Vellore – 635752. The project work has not previously formed the basis for the award of any Degree / Diploma / Associateship / Fellowship or other title and this work is original project work on the part of the candidate under my guidance.

  
**Head of the Department**  
**HOD OF CHEMISTRY**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 635 752**

  
**Internal Guide Supervisor**

**A. SOWKATH**, M.Sc., M.Phil., B.Ed., Ph.D.  
**ASSISTANT PROFESSOR**  
**P.G. & RESEARCH DEPT. OF CHEMISTRY**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 635 752**

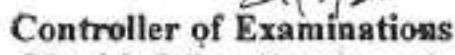
**Examiners**

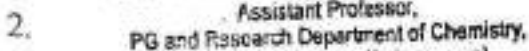
  
**PRINCIPAL**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 2.**

Date :

1.   
31/05/22

Place :

  
**Controller of Examinations**  
**Islamiah College (Autonomous)**  
**New Town, Vaniyambadi-635 752**

2.   
**Dr. R. Jeev Vimal Michael**, M.Sc., M.Phil., Ph.D.  
**Assistant Professor,**  
**PG and Research Department of Chemistry,**  
**Sacred Heart College (Autonomous),**  
**Tirupattur, Tirupattur Dt. 635 601.**



January 12, 2022

To

The Principal,  
Islamiah College (Autonomous)  
Vaniyamabadi.

Dr TAB  
Prf 102  
8/10  
13/01/22

Dear Sir,

We hereby acknowledge that 44 student of 'E-commerce and Footwear Technology' along with two faculty Prof S. Aslam Basha & Mr. Niyaz Ahmed of your esteemed institution was visited our factory on 05.01.2022. They visited various department in our factory and had keenly observed leather & shoe manufacturing process. During their visit, the student enthusiastically interacted with our staff and their behavior and conduct was good.

Thanking You

Yours faithfully,

For N.M.Zackriah & Co.  
  
General Manager  


  
PRINCIPAL  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI - 2.



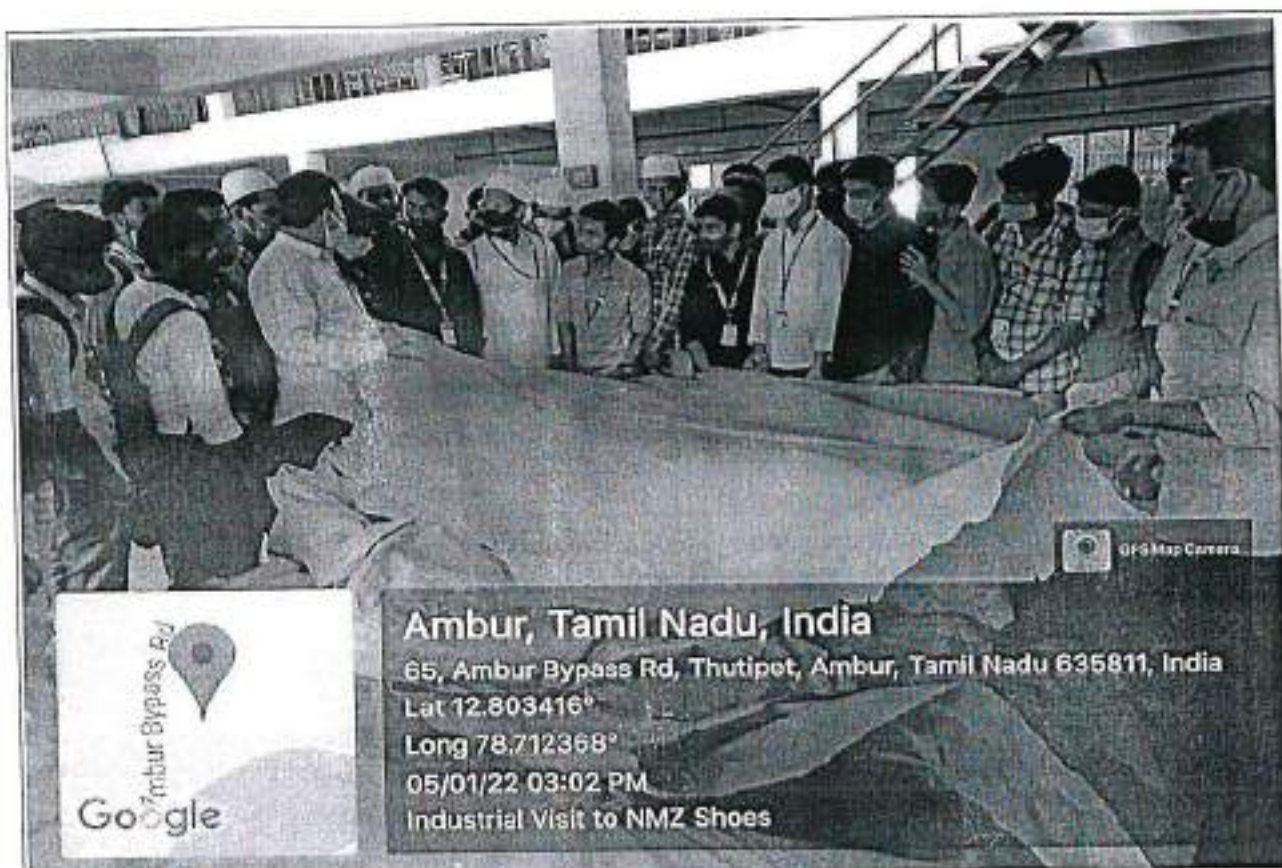


Dr. T. Afsar Basha, M.Com., M.Phil., Ph.D.  
Dean & Associate Professor of Commerce


12<sup>th</sup> January 2022

**Report on Industrial Visit to NMZ Shoes Pvt. Ltd. Ambur**

An Industrial Visit to NMZ Shoes Pvt. Ltd. Ambur was arranged for our students who enrolled in Certificate Course in E-Commerce and Footwear Technology on 5<sup>th</sup> of January, 2022 to have practical experience on shoe making process. Forty Four (44) students of the current batch have participated in this visit along with two Faculty Members, Prof. S. Aslam Basha and Prof. Niyaz Ahmed.



Production Manager of NMZ Shoes Pvt. Ltd. Ambur, explaining to our students about the leather processing in their factory on 5<sup>th</sup> January, 2022.

  
**PRINCIPAL**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 2.**



List of Students Selected for Industrial Visit to NMZ Shoes(P) Ltd, Ambur

S.No	Reg. No.	Name	Signature of Student
01	C21EC001	Abdullah Masood	Abdullah Masood
02	C21EC002	Chandru B	B. Ch. L.
03	C21EC003	Dhanush V	V. Dhanush
04	C21EC004	Farhan Saad C. F	C. F. Farhan Saad
05	C21EC005	Ganesh T	T. Ganesh
06	C21EC006	Ghani Mohammed Hammad	Hammad
07	C21EC007	Gnanamurthy V	V. Gnanamurthy
08	C21EC008	Hammad Rayan C	C. Rayan Hammad
09	C21EC009	Jaikishore.S	S. Jaikishore
10	C21EC010	Kabeer Ahmed M	Kabeer Ahmed
11	C21EC011	KhateebFaizur Rahman	K. Faizur Rahman
12	C21EC012	Loganathan K	K. Loganathan
13	C21EC013	Manishwar K	K. Manishwar
14	C21EC014	Manoj, V	V. Manoj
15	C21EC015	Md Hasain J	J. Md Hasain
16	C21EC016	Mohamed Faaz M.B.R	M. Faaz Mohamed
17	C21EC017	Mohammad Tauseef P	P. Tauseef Mohammad
18	C21EC018	Mohammed Faraz C	C. Faraz Mohammed
19	C21EC019	Mohammed Haris M	M. Haris Mohammed
20	C21EC020	Mohammed Haseef Aamir Bangi	B. Aamir Haseef Mohammed
21	C21EC021	Mohammed Hisham T	T. Hisham Mohammed
22	C21EC022	Mohammed Mudassar T	T. Mudassar Mohammed
23	C21EC023	Mohammed Mussab A.V	A. V. Mussab Mohammed
24	C21EC024	Mohammed Rashiqa N.S	N. S. Rashiqa Mohammed
25	C21EC025	Mohammed Rawaha M	M. Rawaha Mohammed
26	C21EC026	Mohammed Rayan G	G. Rayan Mohammed
27	C21EC027	Mohammed Saqeeb K	K. Saqeeb Mohammed
28	C21EC028	Mohammed Shahid S	S. Shahid Mohammed
29	C21EC029	Mohammed Umer K F	F. Umer Mohammed
30	C21EC030	Mohammed Zaid A	A. Zaid Mohammed
31	C21EC031	Mohammed ZainulAbudeen A	A. ZainulAbudeen Mohammed
32	C21EC032	Mohiyaddein M	M. Mohiyaddein
33	C21EC033	Prahalathan M	M. Prahalathan
34	C21EC034	Rajkumar S	S. Rajkumar
35	C21EC035	Rangesh P	P. Rangesh
36	C21EC036	Ravi P	P. Ravi
37	C21EC037	Sameer D	D. Sameer
38	C21EC038	Srinivasan S	S. Srinivasan
39	C21EC039	Surya Prakash K	K. Prakash Surya
40	C21EC040	Thirupathi G	G. Thirupathi
41	C21EC041	Umar Maaz D	D. Maaz Umar
42	C21EC042	Venugopal B	B. Venugopal
43	C21EC043	Yakesh S	S. Yakesh
44	C21EC044	Yuvaraj, V	V. Yuvaraj

S. Aslam Basha  
Signature of Teacher In-charge  
05/1/2022

**S. ASLAM BASHA**  
M.Com., M.Phil., B.Ed., NET,  
Assistant Professor of Commerce  
Islamiah College (Autonomous)  
Vaniyambadi-635 752. (Vellore Dist.)

**PRINCIPAL**  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI-2.

Signature of Course Co-ordinator  
**Dr. T. AFSAR BASHA**, M.Com., M.Phil., Ph.D.  
Co-Ordinator  
E-Commerce & Footwear Technology  
Certificate Course  
P.G & Research Dept. of Commerce  
Islamiah College (Autonomous)  
VANIYAMBADI-635 752



**Mohib Shoes Pvt. Ltd.,**  
**'B' - UNIT**

Mfrs. of Finished Leathers, Uppers & Full Shoes

08-03-2022

To

**The Principal,**

Islamiah College (Autonomous)

Vaniyambadi.

Dear Sir,

We hereby acknowledge that 44 students of "E-Commerce and footwear technology" students along with two faculty Mr. S. Aslam Basha & Mr. Niyaz Ahmed from your esteem institution was visited our establishment on 02.03.2022 & 03.03.2022.

They visited various department in our establishment and had keenly observed Leather & Full Shoe Manufacturing process. During their visits the students enthusiastically interacted with our Staff and their behavior and conduct was good.

Thanking You,

For Mohib shoes Pvt. Ltd., B - Unit,

*Handwritten signature*  
Manager



*Handwritten signature*  
**PRINCIPAL**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 2.**





**Dr. T. Afsar Basha, M.Com., M.Phil., Ph.D.**  
Dean & Associate Professor of Commerce

08<sup>th</sup> March 2022

**Report on Industrial Visit to Mohib Shoes Pvt. Ltd. Ambur**

An Industrial Visit to Mohib Shoes Pvt. Ltd. Ambur was arranged for our students who enrolled in Certificate Course in E-Commerce and Footwear Technology on 3<sup>rd</sup> and 4<sup>th</sup> of March, 2022 to have exposure on shoe making process. Forty Four (44) students of the current batch have participated in this visit along with two Faculty Members, Prof. S. Aslam Basha S and Prof. Niyaz Ahmed.



Group Photo of our students at Mohib Shoes Pvt. Ltd. Ambur during the industrial visit on 03 March, 2022.

  
**PRINCIPAL**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 2.**



Islamiah College (Autonomous), Vaniyambadi  
E-Commerce & Footwear Technology Course  
Industrial Visit to Mohib Shoes(P) Ltd. Ambur

Date of Visit: 03.03.2022 & 04.03.2022

S.No	Reg. No.	Name	Signature of Student
01	C21EC001	Abdullah Masood	Abdullah Masood
02	C21EC002	Chandru B	B. C. U.
03	C21EC003	Dhanush V	V. Dhanush
04	C21EC004	Farhan Saad C. F	C. Farhan Saad
05	C21EC005	Ganesh T	T. Ganesh
06	C21EC006	Ghani Mohammed Hammad	Ghani Mohammed Hammad
07	C21EC007	Gnanamurthy V	V. Gnanamurthy
08	C21EC008	Hammad Rayan C	C. Hammad Rayan
09	C21EC009	Jaikishore S	S. Jaikishore
10	C21EC010	Kabeer Ahmed M	M. Kabeer Ahmed
11	C21EC011	Khateeb Faizur Rahman	R. Khateeb Faizur
12	C21EC012	Loganathan K	K. Loganathan
13	C21EC013	Manishwar K	K. Manishwar
14	C21EC014	Manoj V	V. Manoj
15	C21EC015	Md Hasain J	J. Md Hasain
16	C21EC016	Mohamed Faaz M.B.R	M. Mohamed Faaz
17	C21EC017	Mohammad Tauseef P	P. Mohammad Tauseef
18	C21EC018	Mohammed Faraz C	C. Mohammed Faraz
19	C21EC019	Mohammed Haris M	M. Mohammed Haris
20	C21EC020	Mohammed Haseef Aamir Bangi	B. Mohammed Haseef Aamir
21	C21EC021	Mohammed Hisham T	T. Mohammed Hisham
22	C21EC022	Mohammed Mudassir T	T. Mohammed Mudassir
23	C21EC023	Mohammed Mussab A.V	V. Mohammed Mussab A.
24	C21EC024	Mohammed Rashed N.S	S. Mohammed Rashed N.
25	C21EC025	Mohammed Rawaha M	M. Mohammed Rawaha
26	C21EC026	Mohammed Rayan G	G. Mohammed Rayan
27	C21EC027	Mohammed Saeed K	K. Mohammed Saeed
28	C21EC028	Mohammed Shahid S	S. Mohammed Shahid
29	C21EC029	Mohammed Umer K F	F. Mohammed Umer K
30	C21EC030	Mohammed Zaid A	A. Mohammed Zaid
31	C21EC031	Mohammed Zainul Abudeen A	A. Mohammed Zainul Abudeen
32	C21EC032	Mohiyaddein M	M. Mohiyaddein
33	C21EC033	Prahalathan M	M. Prahalathan
34	C21EC034	Rajkumar S	S. Rajkumar
35	C21EC035	Rangesh P	P. Rangesh
36	C21EC036	Ravi P	P. Ravi
37	C21EC037	Sameer D	D. Sameer
38	C21EC038	Srinivasan S	S. Srinivasan
39	C21EC039	Surya Prakash K	K. Surya Prakash
40	C21EC040	Thirupathi G	G. Thirupathi
41	C21EC041	Umar Maaz D	D. Umar Maaz
42	C21EC042	Venugopal B	B. Venugopal
43	C21EC043	Yakesh S	S. Yakesh
44	C21EC044	Yuvaraj V	V. Yuvaraj

S. Anbarasu  
Signature of Teacher In-charge 04/03/2022

PRINCIPAL  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI - 2

Signature of Course Co-ordinator  
Dr. T. AFSAR BASHA, M.Com, M.Phil, Ph.D.  
Associate Professor & Course Co-Ordinator,  
E-Commerce & Footwear Technology Course  
Islamiah College (Autonomous)  
Vaniyambadi - 635 752.



# SACRED HEART COLLEGE (AUTONOMOUS)

(Affiliated to Thiruvalluvar University, Vellore)  
Reaccredited by NAAC with CGPA of 3.31/4 at 'A+' Grade  
Tirupattur-635 601, Tirupattur District., Tamil Nadu.



## CERTIFICATE OF COMPLETION



This is to Certify that MR. MOHAMMED FURQAN.K  
ISLAMIAH COLLEGE (AUTONOMOUS), VANIAMBAZI has successfully completed the Virtual  
Internship Program on "BIONANOTECHNOLOGY" at Biochemistry & Microbiology Laboratory  
(BML), Sacred Heart College (Autonomous), Tirupattur from 08.07.2022 to 17.07.2022

*Dr. I. Niyas Ahamed*  
Dr. I. Niyas Ahamed  
Internship Coordinator

*Dr. A. Jayaprakash*  
Dr. A. Jayaprakash  
Internship Director

*Rev. Dr. D. Maria Antony Raj*  
Rev. Dr. D. Maria Antony Raj, SDB  
Principal

*Sh. Sy. k. d*

*Principal*  
PRINCIPAL  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIAMBAZI - 2.





# SACRED HEART COLLEGE

(AUTONOMOUS)

(Affiliated to Thiruvalluvar University, Vellore)  
Reaccredited by NAAC with CGPA of 3.31/4 at 'A+' Grade  
Tirupattur-635 601, Tirupattur District., Tamil Nadu.

## CERTIFICATE OF COMPLETION

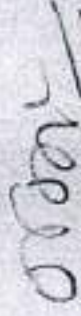



This is to Certify that MR. MOHAMMED RAQIB.H

ISLAMIAH COLLEGE (AUTONOMOUS), VANIVAMBADI has successfully completed the Virtual

Internship Program on "BIONANOTECHNOLOGY" at Biochemistry & Microbiology Laboratory

(BML), Sacred Heart College (Autonomous), Tirupattur from 08.07.2022 to 17.07.2022

  
Dr. I. Niyas Ahamed  
Internship Coordinator

  
Dr. A. Jayaprakash  
Internship Director

  
PRINCIPAL  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIVAMBADI  
Rev. D. Maria Antony Raj, SDB  
Principal



**PROTECTIVE EFFECT OF GENISTEIN ON HISTOPATHOLOGICAL AND  
BIOCHEMICAL ALTERATION IN CARDIAC TISSUES OF CIGARTE  
SMOKE EXPOSED MALE WISTAR RAT**

**DISSERTATION**

**Submitted to the Islamiah College (Autonomous)**

**Affiliated to Thiruvalluvar University**

**In partial fulfillment**

**For the Degree of**

**MASTER OF SCIENCE  
IN  
BIOCHEMISTRY**

**By**

**MANIMARN V., B.Sc.,**

**Reg No. 31120P12001**

**Under the Guidance of**

**Mr. A. AMJAD HUSSAIN, M.Sc.,-M. Phil, DMLT.**



**PG AND RESEARCH DEPARTMENT OF BIOCHEMISTRY**

**ISLAMIAH COLLEGE (AUTONOMOUS)**

**VANIYAMBADI - 635 752.**

**May 2022**

*Dr. Lj. ts*

*[Signature]*  
**PRINCIPAL**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 2.**

ANGIOTENSIN-CONVERTING ENZYME INSERTION-  
DELETION POLYMORPHISMS IN TYPE II DIABETES  
MELLITUS

DISSERTATION

Submitted to

Islamiah College (Autonomous)  
Vaniyambadi – 635 752  
(Affiliated to Thiruvalluvar University)

In partial fulfilment of the requirement for the award of the degree  
of  
MASTER OF SCIENCE IN BIOCHEMISTRY

By  
MOOLAY MOHAMAD ADNAN, B.Sc.  
(University Register No: 31120P12002)

Under the Guidance of  
Dr. M. L. ARBAB SIKANDER, M.Sc., Ph.D.,



PG AND RESEARCH DEPARTMENT OF BIOCHEMISTRY  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI - 635 752.

Dr. M. L. Arbab Sikander

May – 2022

  
PRINCIPAL  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI - 2.

**PROTECTIVE EFFECT OF GENISTEIN ON LUNG ANTIOXIDANT  
DEFENCE SYSTEM IN CIGARETTE SMOKE EXPOSED RAT  
DISSERTATION**

**Submitted to the Islamiah College (Autonomous)**

**Affiliated to Thiruvalluvar University**

**In partial fulfillment**

**For the Degree of**

**MASTER OF SCIENCE**

**IN**

**BIOCHEMISTRY**

**By**

**R. MURALI, B.Sc.,**

**Reg No. 31120P12003**

**Under the Guidance of**

**Mr. A. AMJAD HUSSAIN, M.Sc., M.Phil, DMLT.**



**PG AND RESEARCH DEPARTMENT OF BIOCHEMISTRY**

**ISLAMIAH COLLEGE (AUTONOMOUS)**

**VANIYAMBADI - 635 752.**

**May 2022**

*Ch. Jayathi*

*[Signature]*  
**PRINCIPAL**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 2.**



**HEPATO PROTECTIVE EFFECT OF GENISTEIN IN CIGARETTE  
SMOKE INDUCED MALE WISTAR RAT  
DISSERTATION**

**Submitted to the Islamiah College (Autonomous)**

**Affiliated to Thiruvalluvar University**

**In partial fulfillment**

**For the Degree of**

**MASTER OF SCIENCE**

**IN**

**BIOCHEMISTRY**

**By**

**S. NANDHAKUMAR., B.Sc.,**

**Reg No. 31120PI2004**

**Under the Guidance of**

**Mr. A. AMJAD HUSSAIN, M.Sc., M.Phil, DMLT.**



**PG AND RESEARCH DEPARTMENT OF BIOCHEMISTRY**

**ISLAMIAH COLLEGE (AUTONOMOUS)**

**VANIYAMBADI – 635 752.**

**May 2022**

*S. Nandhakumar*

*[Signature]*  
**PRINCIPAL**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 2.**

**PROTECTIVE EFFECT OF GENISTEIN ON CIGARETTE SMOKE  
INDUCED OXIDATIVE STRESS IN ~~Convulsa~~ MALE WISTAR RAT**

**DISSERTATION**

**Submitted to the Islamiah College (Autonomous)**

**Affiliated to Thiruvalluvar University**

**In partial fulfillment**

**for the Degree of**

**MASTER OF SCIENCE**

**IN**

**BIOCHEMISTRY**

**By**

**PRASANTH V., B.Sc.,**

**Reg No. 31120P12005**

**Under the Guidance of**

**Mr. A. AMJAD HUSSAIN, M.Sc., M. Phil, DMILT.**



**PG AND RESEARCH DEPARTMENT OF BIOCHEMISTRY**

**ISLAMIAH COLLEGE (AUTONOMOUS)**

**VANIYAMBADI - 635 752.**

**May 2022**

*Dr. Jay. K. S. V.*

*[Signature]*  
**PRINCIPAL**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 2.**

**PHYTOCONSTITUENTS, FREE RADICAL SCAVENGING  
POTENTIAL, ANTIMICROBIAL ACTIVITY, TOTAL  
PHENOLS AND TOTAL FLAVONOIDS ASSESSMENTS OF  
"ACMELLA RADICANS"**

**DISSERTATION  
Submitted to**

**Islamiah College (Autonomous)  
Vaniyambadi – 635 752  
(Affiliated to Thiruvalluvar University)**

**In partial fulfillment of the requirement for the award of the degree of  
MASTER OF SCIENCE IN BIOCHEMISTRY**

**By  
H. RAGAVENDIRAN, B.Sc.  
(University Register No: 31120P12006)**

**Under the guidance of  
Mr. K. MUHAMMED SHARIQ, M.Sc., (PH.D)**



**PG AND RESEARCH DEPARTMENT OF BIOCHEMISTRY  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI - 635 752.**

*H. Ragavendiran* MAY - 2022

*[Signature]*  
**PRINCIPAL,  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI - 2,**



**PHYTOCONSTITUENTS, FREE RADICAL SCAVENGING  
POTENTIAL, ANTIMICROBIAL ACTIVITY, TOTAL PHENOLS  
AND TOTAL FLAVONOIDS ASSESSMENTS OF  
"KALANCHOE PINNATA"**

**DISSERTATION  
Submitted to**

**Islamiah College (Autonomous)  
Vaniyambadi – 635 752  
(Affiliated to Thiruvalluvar University)**

**In partial fulfillment of the requirement for the award of the degree of  
MASTER OF SCIENCE IN BIOCHEMISTRY**

**By  
S SHOBANDAS B.Sc.,  
(University Register No: 31120P12007)**

**Under the guidance of  
Mr. K. MUHAMMED SHARIQ, M.Sc., (PH.D)**



**PG AND RESEARCH DEPARTMENT OF BIOCHEMISTRY  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI - 635 752.**

*Sh. S. Shobandas*

**MAY - 2022**

*[Signature]*  
**PRINCIPAL  
ISLAMIAH COLLEGE (AUTONOMOUS)  
VANIYAMBADI - 2.**

**ANGIOTENSIN-CONVERTING ENZYME  
INSERTION-DELETION POLYMORPHISMS  
IN HEALTHY CONTROLS**

**DISSERTATION**  
**Submitted to**

**Islamiah College (Autonomous)**  
**Vaniyambadi – 635 752**  
**(Affiliated to Thiruvalluvar University)**

**In partial fulfillment of the requirement for the award of the degree of  
MASTER OF SCIENCE IN BIOCHEMISTRY**

**By**  
**SUNDARA PANDIYAN V., B.Sc.**  
**(University Register No: 31120P12008)**

**Under the Guidance of**  
**Dr. M. L. Arbab Sikander, M.Sc., Ph.D.,**



**PG AND RESEARCH DEPARTMENT OF BIOCHEMISTRY**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 635 752.**

*Sh. Lakshmi*

**MAY - 2022**

*[Signature]*  
**PRINCIPAL**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 2.**

1911

**DEPARTMENT OF BIOCHEMISTRY**  
**ISLAMIAH COLLEGE (AUTONOMOUS), VANIYAMBADI**

List of Students for Internship Program  
 II B.Sc., Biochemistry

S.No	Reg. No.	Name of the Candidate
1	31120U15001	AATHIF ADNAN M
2	31120U15002	ABUTHAHIR T
3	31120U15003	AHSAN SAFEER C
4	31120U15004	AJITHKUMAR S
5	31120U15005	ANANDHAN S
6	31120U15007	ARISH S
7	31120U15008	AYMAAN FARAAZ
8	31120U15009	DELHIGANESH R
9	31120U15010	DESIGAN P
10	31120U15011	DINESH M
11	31120U15012	HARISH KUMAR A
12	31120U15013	ISHRAQUE AHMED R
13	31120U15014	JAYAKUMAR D
14	31120U15016	KAVIYARASAN V
15	31120U15017	KISHOR MELVIN I
16	31120U15018	LOGAYSH SHANJAY R S
17	31120U15019	MAGESHBOOPATHI R
18	31120U15020	MANI S
19	31120U15021	MANJUNATHAN V
20	31120U15022	MD MUSSAB S
21	31120U15023	MOHAMMED ALTHAF A
22	31120U15024	MOHAMMED FURQAN K
23	31120U15025	MOHAMMED RAQIB H
24	31120U15027	MONISHKUMAR R
25	31120U15028	MUGILAN S
26	31120U15029	NAVEEN KUMAR L
27	31120U15030	NISHANTH R
28	31120U15031	NIZAMUDDIN A
29	31120U15032	POOVARASAN B
30	31120U15033	PREMKUMAR R
31	31120U15034	RAMESH P
32	31120U15035	SANTHOSH M

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*Handwritten signature*  
**PRINCIPAL**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 2.**



33	31120U15036	SATHISH S
34	31120U15037	SIVA P
35	31120U15038	SIVA S
36	31120U15039	SUBIKASH S
37	31120U15040	SUFIYAN MUSTAFA S
38	31120U15042	TAHA AYAN K
39	31120U15043	TAMILMANI P
40	31120U15044	THIRUPATHI M
41	31120U15045	THOUHITH S
42	31120U15046	VALLARASU P
43	31120U15047	VASANTH S
44	31120U15050	VIJAYAKUMAR A
45	31120U15051	VISHWA K

**STAFF MEMBERS:**

1. Dr. A. GOKULAKRISHNAN
2. Mr. MOHAMMED KASHIF. P
3. Mr. A. AMJAD HUSSAIN

  
**PRINCIPAL**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 2.**



1-3-4.

## ISLAMIAH COLLEGE

Accredited by NAAC by 'A' Grade

(Affiliated to Thiruvalluvar University and Managed by  
The Vaniyambadi Muslim Educational Society)  
New Town, Vaniyambadi - 632 752, Tamil Nadu



Phone : Office : 04714 - 235 436

Mobile : 09443636032

e-mail: liyahathjohn@yahoo.com

**Dr. S. Liyahath John**, M.A., M.Phil., Ph.D.,

Associate Professor & Head

Department of Commerce (Finance & Accounts)

*Dr. Liyahath John*  
31/5/22

**Submitted to the Principal**

Date: 31.05.2022

### Report on Industrial /Field Visit (31<sup>st</sup> May 2022)

On 31.05.2022, III B.Com (Finance & Accounts) students visited the Super Tanning & Co., Cutcherry Road, Vaniyambadi, so as to get industrial exposure to the students. Dr. T.Mohamed Sayeed and 40 students of our department were visited.



**PRINCIPAL**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 2.**



*Dr. S. Liyahath John*  
**Dr. S. Liyahath John**, Ph.D.,  
Associate Professor & Head  
Dept. of Commerce (Finance & Accounts)  
Islamiah College (Autonomous)  
Vaniyambadi-635 752.

Department of Commerce (F&A)  
List of Students Visited Field/Industrial Visit

Student Register Number	Student Name
31119U13005	Arshad Ahmed A
31119U13007	Arunraj M
31119U13008	Asjad Sawood M
31119U13009	Asoneman A
31119U13010	Basith S B
31119U13011	Chandru A
31119U13012	Ethishamul Haque C
31119U13013	Faruk Khan.C
31119U13015	Gnaneshwaran S
31119U13016	Gokul S
31119U13018	Inaamul Haq P
31119U13019	Iyan Ahmed MS
31119U13020	Jaffar KH
31119U13021	Jaya Kumar P
31119U13023	Jayaraman M
31119U13024	Kamalesh Rao S
31119U13025	Kishore S
31119U13026	Kotteeshwaran P
31119U13030	Mohammad Shazeeb C
31119U13032	Mohammed Zeeshan M
31119U13033	Mudhassir S
31119U13035	Mujeebur Rahman R
31119U13037	Onji Mohammed Affan Anas
31119U13039	Perumal V
31119U13040	Rahul V
31119U13041	Saddam Hussain S
31119U13042	Saiyed Mohammed S
31119U13043	Samuel Maris R
31119U13045	Sarath Kumar M
31119U13046	Sathish P
31119U13048	Sham N
31119U13049	Shujath Ali M
31119U13050	Sulaiman S
31119U13051	Suresh G
31119U13052	Syed Uvaiz Ahmed M
31119U13055	Usama Irshad
31119U13056	Uwaise Basha
31119U13057	Vignesh M
31119U13059	Vikram E
31119U13061	Wajeed A



  
**PRINCIPAL**  
**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**VANIYAMBADI - 2.**