



ISLAMIAH WOMEN'S ARTS AND SCIENCE COLLEGE

Permanently Affiliated to Thiruvalluvar University
Recognized by UGC under sections 2(f) and 12(B) of the UGC Act 1956
Accredited with "B" Grade by NAAC

Approved by the Government of Tamil Nadu
Phone: 04174-235266 Email: principalwac@gmail.com
www.islamiahwomensartsandsciencecollege.com

Project Details 2022 - 2023

Program Name: Biochemistry – Program Code: U12

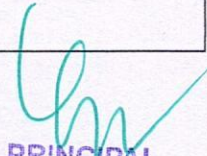
| S.No | List of Students | Project Title | Place of Work | Duration |
|------|-------------------|---|---|---------------------------------------|
| 1 | Aaiman Fathima .T | Phytochemical Analysis Of Citrus Sinensis | Islamiah Women's Arts And Science College | 1.2.2023 to 12.5.2023 One Semester |
| 2 | Ajitha .C | Plant Survey | Islamiah Women's Arts And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 3 | Aliya Nishad .B | Diabetic Mellitus | Islamiah Women's Arts And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 4 | Arshiya Banu .I | Phytochemical Analysis Of Allivum Sativum | Islamiah Women's Arts And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 5 | Arshiya Begum .K | Typhoid Fever | Islamiah Women's Arts And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 6 | Ashfiya Aafeen .V | Phytochemical Characteristic Of Carica Papaya Linn Leaves | Islamiah Women's Arts And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 7 | Athoofa Zuha .M.L | Jaundice (Hyperbilirubinaemia) | Islamiah Women's Arts And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 8 | Banu Priya .P | Plant Extract Antimicrobial Activity (Solanum Trilobatum, Glycyrrhiza Glabra) | Islamiah Women's Arts And Science College | 1.2.2023 to 12.5.2023 One Semeste |



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|----|---------------------|--|---|--------------------------------------|
| 9 | Bhavadharani .S | Laboratory Instruments | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 10 | Dharshini .S | Phytochemical Screening Of Caltrophis Gigantea | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 11 | Divya .G | Azolla- The Super Plant For Sustainable Feed To Fish | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 12 | Divya .K | Plant Survey | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 13 | Fariha Taskin . A | Survey On Hemoglobin | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 14 | Fathima .N | Cataract | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 15 | Fouzia .F | Isolation Of Microorganism From Soil | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 16 | Huzaiifa Noorain .V | Phytochemical Characteristic Of Nigella Sativa Seeds | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 17 | Kaviya .M | Anti-Microbial Activity Of Rose Marry And Auvri Plant Extract | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 18 | Kaviya Shree .M | Anti-Microbial Activity Of Solanum Virigianum Extract And Aglimarmelos Extract | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 19 | Malarvizhi .S | Silkworm Sericulture | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |




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|----|---------------------|--|---|--------------------------------------|
| 20 | Mounika .V | Hemoglobin Survey | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 - One Semeste |
| 21 | Nandhini .S | Dairy Product | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 22 | Nuha Fathima . M | Survey On Hemoglobin Level In (50 Students) | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 23 | Perarasi .S | Medicinal Plant | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 24 | Priyanka .C | Anti-Microbial Activity Of Cardiospermum Halicacabum And Alternanthera Sessillis Plant Extract | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 25 | Rubini .K | Medicinal Plant | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 26 | Ruby Naaz .V.S | Phytochemical Analysis Of Caesalpinia Bonducella Plant Extract | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 27 | Sadiya Safeen .M | Hypothyrodism | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 28 | Sana Fathima .A | Anti-Microbial Activity Of Pomegranate Rind Peel Extract And Moringa Oleifera Seed Extract | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 29 | Sandhiya .C | Anti-Microbial Activity Of Senna Arriculata Hydroootyly Asiatica Linn Plant Survey | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 30 | Sania Fathima Bangi | Phytochemical Characteristics Of Catharanthus Roseus | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 - One Semeste |



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| | | | | |
|----|--------------------------|---|---|---|
| 31 | Saniya Sadaf . J.M.Z | Sinusitis | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 32 | Shafia Amreen .V | Anti-Microbial Activity Of Aqueous Extract Of Phyllanthus Amblica And Eclipta Prostrata | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 33 | Shaguftha Gowher .C | Isolation Of Microorganisms From Soil | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 34 | Shahista Samreen .M.H | Preliminary Phytochemical Analysis Of Leucas Aspera | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 35 | Sowmiya.S | Preliminary Phytochemical Analysis Of Plantae Flower | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 36 | Suha .B | Phytochemical Analysis Of Cichorium Intybus. L | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 37 | Sumithra .P | Plant Survey | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 38 | Uma .S | Preliminary Phytochemical Analysis Of Trachyspermum Ammi | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 39 | Umema Konain .N | Laboratory Instruments | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 40 | Vadivarasi .S | Preliminary Phytochemical Screening Of Aqueous Extract Of Azadirachta Indica | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |
| 41 | Vinu Priya .R | Preliminary Phytochemical Analysis Of Moringa Oleifera | Islamiah Women's Atrs And Science College | 1.2.2023 to 12.5.2023 One Semeste |



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THIRUVALLUVAR UNIVERSITY

**BACHELOR OF SCIENCE
B.Sc. BIOCHEMISTRY
UNDER CBCS**

(With effect from 2020 - 2021)

The Course of Study and the Scheme of Examinations

| S. No. | Part | Study Components | | Ins. Hrs / week | Credit | Title of the Paper | Maximum Marks | | |
|--------|------|-----------------------|----------------|-----------------------|--------|--------------------------------------|---------------|--------------|-------|
| | | Course Title | | | | | CIA | Uni. Exam | Total |
| | | SEMESTER I | | | | | | | |
| 1. | I | Language | Paper-1 | 6 | 4 | Tamil/Other Languages | 25 | 75 | 100 |
| 2. | II | English (CE) | Paper-1 | 6 | 4 | Communicative English I | 25 | 75 | 100 |
| 3. | III | Core Theory | Paper-1 | 6 | 4 | Cell biology | 25 | 75 | 100 |
| | III | Core Practical | Practical-1 | 4 | 0 | Titrimetric and Qualitative analysis | 0 | 0 | 0 |
| 4. | III | Allied -1 | Paper-1 | 4 | 3 | Chemistry I | 25 | 75 | 100 |
| | III | Allied- 1 | Practical-1 | 2 | 0 | Chemistry I & II | 0 | 0 | 0 |
| 5. | III | PE | Paper 1 | 6 | 3 | Professional English I | 25 | 75 | 100 |
| 6. | IV | Environmental Studies | | 2 | 2 | Environmental studies | 25 | 75 | 100 |
| | | Sem. Total | | 36 | 20 | | 150 | 450 | 600 |
| | | | | | | | | | |
| | | SEMESTER II | | | | | CIA | Uni. Exam | Total |
| 7. | I | Language | Paper-2 | 6 | 4 | Tamil/Other Languages | 25 | 75 | 100 |
| 8. | II | English (CE) | Paper-2 | 6 | 4 | Communicative English II | 25 | 75 | 100 |
| 9. | III | Core Theory | Paper-2 | 5 | 4 | Biomolecules | 25 | 75 | 100 |
| 10. | III | Core Practical | Practical-1 | 3 | 2 | Titrimetric and Qualitative analysis | 25 | 75 | 100 |
| 11. | III | Allied-1 | Paper-2 | 4 | 3 | Chemistry II | 25 | 75 | 100 |
| 12. | III | Allied Practical - 1 | Practical-1 | 2 | 2 | Chemistry I & II | 25 | 75 | 100 |
| 13. | III | PE | Paper 1 | 6 | 3 | Professional English II | 25 | 75 | 100 |
| 14. | IV | Value Education | | 2 | 2 | Value Education | 25 | 75 | 100 |
| 15. | IV | Soft Skill | | 2 | 1 | Soft Skill | 25 | 75 | 100 |
| | | Sem. Total | | 36 | 25 | | 225 | 675 | 900 |

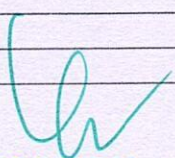


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ISLAMIYAH WOMEN'S ARTS
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B.Sc., BIOCHEMISTRY: Syllabus (CBCS)

| S.NO | Part | Study Components | | Ins. hrs /week | Credit | Title of the Paper | Maximum Marks | | |
|-------------|------|----------------------|-------------|----------------------|--------|---|---------------|--------------|-------|
| | | Course Title | | | | | CIA | Uni. Exam | Total |
| SEMESTER V | | | | | | | | | |
| 30. | III | Core Theory | Paper-5 | 6 | 6 | Enzymes and Intermediary Metabolism | 25 | 75 | 100 |
| 31. | III | Core Theory | Paper-6 | 6 | 5 | Molecular Biology | 25 | 75 | 100 |
| 32. | III | Core Theory | Paper-7 | 6 | 5 | Physiology and Nutrition | 25 | 75 | 100 |
| | III | Core Practical | Practical-3 | 3 | 0 | 1. Cobrimetric Estimations 2. Enzyme Assay | 0 | 0 | 0 |
| | III | Core Practical | Practical-4 | 3 | 0 | 1. Hematology 2. Microbiology 3. Urine Analysis | 0 | 0 | 0 |
| 33. | III | Internal Elective | Paper-1 | 3 | 3 | Molecular Endocrinology | 25 | 75 | 100 |
| 34. | IV | Skill based Subject | Paper-3 | 2 | 2 | Medical Lab technology | 25 | 75 | 100 |
| | | | | 30 | 21 | | 125 | 375 | 500 |
| SEMESTER VI | | | | | | | | | |
| 35. | III | Core Theory | Paper-8 | 5 | 5 | Clinical Biochemistry | 25 | 75 | 100 |
| 36. | III | Core Theory | Paper-9 | 5 | 5 | Biotechnology | 25 | 75 | 100 |
| 37. | III | Core Practical | Practical-3 | 3 | 3 | 3. Cobrimetric Estimations 4. Enzyme Assay | 25 | 75 | 100 |
| 38. | III | Core Practical | Practical-4 | 3 | 3 | 1. Hematology 2. Microbiology 3. Urine Analysis | 25 | 75 | 100 |
| 39. | III | Core Project | | 5 | 5 | (Individual / Group Project) | 25 | 75 | 100 |
| 40. | III | Internal Elective | Paper-2 | 3 | 3 | Immunology | 25 | 75 | 100 |
| 41. | III | Internal Elective | Paper-3 | 3 | 3 | Pharmaceutical Biochemistry | 25 | 75 | 100 |
| 42. | IV | Skill based Subject | Paper-4 | 3 | 2 | Research Methodology | 25 | 75 | 100 |
| 43. | V | Extension Activities | | - | 1 | | 100 | 0 | 100 |
| | | | | 30 | 30 | | 300 | 600 | 900 |
| | | | | | 140 | | | | 4300 |




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Tirupattur - 635 601.

Email ID: principaliwc@gmail.com

PG DEPARTMENT OF BIOCHEMISTRY

MAY - 2023

CERTIFICATE

This is to certify that the project entitled **PHYTOCHEMICAL ANALYSIS OF CITRUS SINENESIS** is the bonafide record done by **AAIMAN FATHIMA .T (REG. NO: 31220U15001)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

M. Nithiya Lakshmi
Signature of the Guide supervisor
(M. NITHIYA LAKSHMI)

S. Aruna
Signature of the H.O.D

S. ARUNA, M.Sc., M.Phil.,
HOD of Bio-Chemistry
ISLAMIAH WOMEN'S COLLEGE
VANIYAMBADI-635 752.

Submitted for the Viva – Voce examination held on 12/05/2023

M. Suganya
Internal Examiner

Dr. M. SUGANYA (312)



[Signature]
PRINCIPAL
ISLAMIAH WOMEN'S ARTS
AND SCIENCE COLLEGE
VANIYAMBADI

[Signature]
External Examiner
Dr. A. GOKULAKRISHNAN, M.Sc., M.Phil., Ph.D
Assistant Professor & Research Supervisor
P.G. & Research Department of Biochemistry
ISLAMIAH COLLEGE (Autonomous)
New Town, Vaniyambadi-635 752



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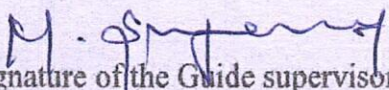
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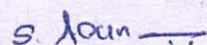
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MAY - 2023

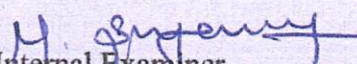
CERTIFICATE

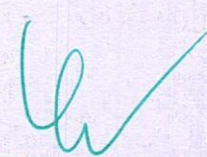
This is to certify that the project entitled **PLANT SURVEY** is the bonafide record done by **AJITHA .C (REG. NO: 31220U15003)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

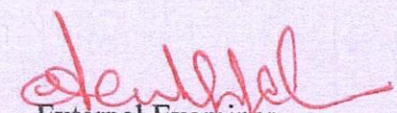

Signature of the Guide supervisor
CM. SUGANYA


Signature of the H.O.D.
S. ARUNA, M.Sc., M.Phil.,
HOD of Bio-Chemistry
ISLAMIAH WOMEN'S COLLEGE
VANIYAMBADI-635 752.

Submitted for the Viva – Voce examination held on 12/05/2023


Internal Examiner
Dr. M. SUGANYA (312)


PRINCIPAL
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External Examiner
Dr. A. GOKULAKRISHNAN, M.Sc., M.Phil., Ph.D
Assistant Professor & Research Supervisor,
P.G. & Research Department of Biochemistry,
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New Town, Vaniyambadi-635 752,





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Tirupattur - 635 601.

Email ID: principalwac@gmail.com

PG DEPARTMENT OF BIOCHEMISTRY

MAY - 2023

CERTIFICATE

This is to certify that the project entitled **DIABETIC MELLITUS** is the bonafide record done by **ALIYA NISHAD .B (REG. NO: 31220U15004)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

B. Sornalatha

Signature of the Guide supervisor

(B. SORNALATHA)

S. Aruna

Signature of the H.O.D

S. ARUNA, M.Sc., M.Phil.,
HOD of Bio-Chemistry
ISLAMIAH WOMEN'S COLLEGE
VANIYAMBADI-635 752.

Submitted for the Viva – Voce examination held on 12/05/2023

M. Suganya

Internal Examiner

Dr. M. SUGANYA (312)



[Signature]
PRINCIPAL
ISLAMIAH WOMEN'S ARTS
AND SCIENCE COLLEGE
VANIYAMBADI

[Signature]

External Examiner

Dr. A. GOKULAKRISHNAN, M.Sc., M.Phil., Ph.D
Assistant Professor & Research Supervisor,
P.G. & Research Department of Biochemistry,
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New Town, Vaniyambadi-635 752.



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Tirupattur - 635 601.

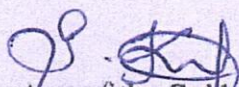
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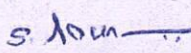
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MAY - 2023

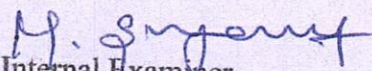
CERTIFICATE

This is to certify that the project entitled **PHYTOCHEMICAL ANALYSIS OF ALLIVUM SATIVUM** is the bonafide record done by **ARSHIYA BANU .I (REG. NO: 31220U15006)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

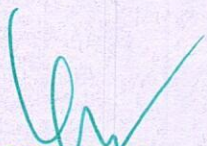

Signature of the Guide supervisor
(S. Kashiba Mubarak)

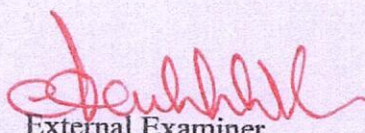

Signature of the H.O.D
S. ARUNA, M.Sc., M.Phil.,
HOD of Bio-Chemistry
ISLAMIAH WOMEN'S COLLEGE
VANIYAMBADI-635 752.

Submitted for the Viva – Voce examination held on 12/05/2023


Internal Examiner

Dr. M. SUGANYA (312)


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External Examiner
Dr. A. GOKULAKRISHNAN, M.Sc., M.Phil., Ph.D
Assistant Professor & Research Supervisor,
P.G. & Research Department of Biochemistry,
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Tirupattur - 635 601.

Email ID: principalwc@gmail.com

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MAY - 2023

CERTIFICATE

This is to certify that the project entitled **TYPHOID FEVER** is the bonafide record done by **ARSHIYA BEGUM .K (REG. NO: 31220U15007)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

Signature of the Guide supervisor

(Urduza Usmani B.S)

Signature of the H.O.D

S. ARUNA, M.Sc., M.Phil.,
HOD of Bio-Chemistry
ISLAMIAH WOMEN'S COLLEGE
VANIYAMBADI-635 752.

Submitted for the Viva – Voce examination held on 12/05/2023

Internal Examiner

Dr. M. SUGANYA (312)



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External Examiner

Dr. A. GOKULAKRISHNAN, M.Sc., M.Phil., Ph.D
Assistant Professor & Research Supervisor,
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Tirupattur - 635 601.

Email ID: principaliwc@gmail.com

PG DEPARTMENT OF BIOCHEMISTRY

MAY - 2023

CERTIFICATE

This is to certify that the project entitled **PHYTOCHEMICAL CHARACTERISTIC OF CARICA PAPAYA LINN LEAVES** is the bonafide record done by **ASHEFIYA AAFEEN .V (REG. NO: 31220U15008)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

Signature of the Guide supervisor

(*UnBa Usmani BS*)

Signature of the H.O.D

S. ARUNA, M.Sc., M.Phil.,
HOD of Bio-Chemistry
ISLAMIAH WOMEN'S COLLEGE
VANIYAMBADI-635 752.

Submitted for the Viva – Voce examination held on 12/05/2023

Internal Examiner

Dr. M. SUGANYA (312)

External Examiner

Dr. A. GOKULAKRISHNAN, M.Sc., M.Phil., Ph.D
Assistant Professor & Research Supervisor,
P.G. & Research Department of Biochemistry,
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New Town, Vaniyambadi-635 752.

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Tirupattur - 635 601.

Email ID: principaliwc@gmail.com

PG DEPARTMENT OF BIOCHEMISTRY

MAY - 2023

CERTIFICATE

This is to certify that the project entitled **JAUNDICE (HYPERBILIRUBINAEMIA)** is the bonafide record done by **ATHOOFA ZUHA .ML (REG. NO: 31220U15009)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

Signature of the Guide supervisor

(*Uniza Usmani BS*)

Submitted for the Viva – Voce examination held on 12/05/2023

Signature of the H.O.D

S. ARUNA, M.Sc., M.Phil.,
HOD of Bio-Chemistry
ISLAMIAH WOMEN'S COLLEGE
VANIYAMBADI-635 752.

Internal Examiner

Dr. M. SUGANYA (312)



PRINCIPAL
ISLAMIAH WOMEN'S ARTS
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External Examiner

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Assistant Professor & Research Supervisor,
P.G. & Research Department of Biochemistry,
ISLAMIAH COLLEGE (Autonomous)
New Town, Vaniyambadi-635 752.



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Affiliated in Thiruvalluvar University, Newtown, Vaniyambadi

Tirupattur - 635 601.

Email ID: principalwc@gmail.com

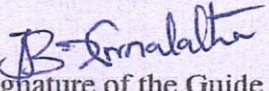
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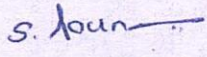
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CERTIFICATE

This is to certify that the project entitled **PLANT EXTRACT ANTIMICROBIAL ACTIVITY (SOLANUM TRILOBATUM, GLYCYRRHIZA GLABRA**

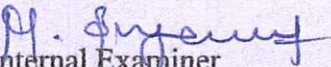
is the bonafide record done by **BANU PRIYA .P (REG. NO: 31220U15010)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.


Signature of the Guide supervisor
(B. CORNALATHA)

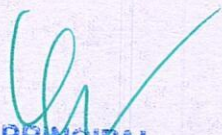

Signature of the H.O.D

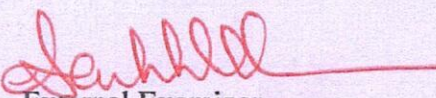
S. ARUNA, M.Sc., M.Phil.,
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ISLAMIAH WOMEN'S COLLEGE
VANIYAMBADI-635 752.

Submitted for the Viva – Voce examination held on 12/05/2023


Internal Examiner

Dr. M. SUGANYA (312)


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External Examiner

Dr. A. GOKULAKRISHNAN, M.Sc., M.Phil., Ph.D
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Tirupattur - 635 601.

Email ID: principaliwc@gmail.com

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MAY - 2023

CERTIFICATE

This is to certify that the project entitled **LABORATORY INSTRUMENTS** is the bonafide record done by **BHAVADHARANI .S (REG. NO: 31220U15011)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

M. Nithiya Lakshmi
Signature of the Guide supervisor
(M. NITHIYA LAKSHMI)

S. Aruna
Signature of the H.O.D

S. ARUNA, M.Sc., M.Phil.,
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VANIYAMBADI-635 752.

Submitted for the Viva – Voce examination held on 12/05/2023

M. Suganya
Internal Examiner
Dr. M. SUGANYA (312)

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External Examiner
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Tirupattur - 635 601.

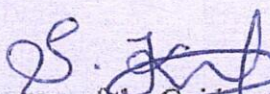
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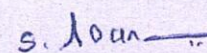
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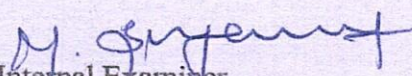
This is to certify that the project entitled **PHYTOCHEMICAL SCREENING OF CALTROPIS GIGANTEA** is the bonafide record done by **DHARSHINI .S (REG. NO: 31220U15013)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.


Signature of the Guide supervisor
(S. Kashiha Musabell)

Submitted for the Viva – Voce examination held on 12/05/2023

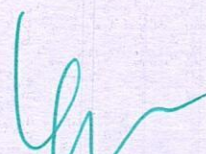

Signature of the H.O.D

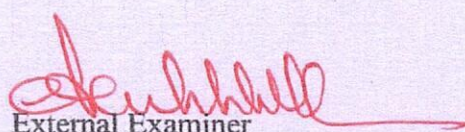
S. ARUNA, M.Sc., M.Phil.,
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Internal Examiner

Dr. M. SUGANYA (312)




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Email ID: principalwi@gmail.com

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CERTIFICATE

This is to certify that the project entitled **AZOLLA- THE SUPER PLANT FOR SUSTAINABLE FEED TO FISH** is the bonafide record done by **DIVYA .G (REG. NO: 31220U15014)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

M. Nithiya Lakshmi
Signature of the Guide supervisor
CM. NITHIYA LAKSHMI

S. Aruna
Signature of the H.O.D

S. ARUNA, M.Sc., M.Phil.,
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VANIYAMBADI-635 752.

Submitted for the Viva – Voce examination held on 12/05/2023

M. Suganya
Internal Examiner
Dr. M. SUGANYA (312)

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External Examiner
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Tirupattur - 635 601.

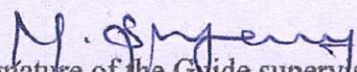
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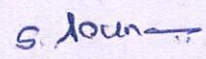
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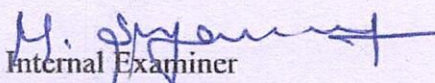
This is to certify that the project entitled **PLANT SURVEY** is the bonafide record done by **DIVYA.K (REG. NO: 31220U15015)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

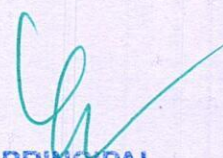

Signature of the Guide supervisor
(M. SUGANYA)

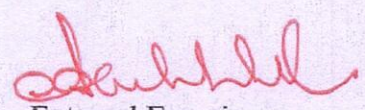
Submitted for the Viva – Voce examination held on 12/05/2023


Signature of the H.O.D

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Internal Examiner
Dr. M. SUGANYA (312)


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This is to certify that the project entitled **SURVEY ON HEMOGLOBIN** is the bonafide record done by **FARIHA TASKIN . A (REG. NO: 31220U15016)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

Urooza Usmani BS
Signature of the Guide supervisor
(Urooza Usmani BS)

S. Aruna
Signature of the H.O.D

S. ARUNA, M.Sc., M.Phil.,
HOD of Bio-Chemistry
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M. Suganya
Internal Examiner
Dr. M. SUGANYA (312)

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Email ID: principalwc@gmail.com

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This is to certify that the project entitled **CATARACT** is the bonafide record done by **FATHIMA .N (REG. NO: 31220U15017)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

Signature of the Guide supervisor

(S. Kashiba Musaratthi)

Signature of the H.O.D

S. ARUNA, M.Sc., M.Phil.,
HOD of Bio-Chemistry
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VANIYAMBADI-635 752.

Submitted for the Viva – Voce examination held on 12/05/2023

Internal Examiner

Dr. M. SUGANYA (312)

External Examiner

Dr. A. GOKULAKRISHNAN, M.Sc., M.Phil., Ph.D
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This is to certify that the project entitled **ISOLATION OF MICROORGANISM FROM SOIL** is the bonafide record done by **FOUZIA .F (REG. NO: 31220U15018)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

M. Nithiya Lakshmi
Signature of the Guide supervisor
(M. NITHIYA LAKSHMI)

S. Aruna
Signature of the H.O.D

Submitted for the Viva – Voce examination held on 12/05/2023

S. ARUNA, M.Sc., M.Phil.,
HOD of Bio-Chemistry
ISLAMIAH WOMEN'S COLLEGE
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M. Suganya
Internal Examiner

Dr. M. SUGANYA (312)



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External Examiner

Dr. A. GOKULAKRISHNAN, M.Sc., M.Phil., Ph.D.
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Tirupattur - 635 601.

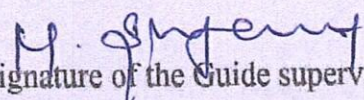
Email ID: principalwc@gmail.com

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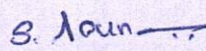
MAY - 2023

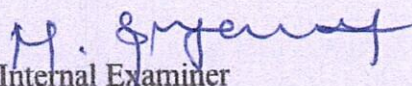
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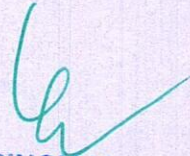
This is to certify that the project entitled **PHYTOCHEMICAL CHARACTERISTIC OF NIGELLA SATIVA SEEDS** is the bonafide record done by **HUZAIFA NOORAIN .V (REG. NO: 31220U15019)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

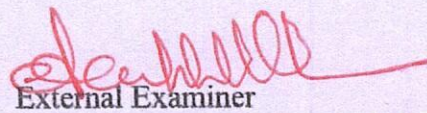

Signature of the Guide supervisor
(M. SUGANYA)

Submitted for the Viva – Voce examination held on 12/05/2023


Signature of the H.O.D
S. ARUNA, M.Sc., M.Phil.,
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Internal Examiner
Dr. M. SUGANYA (312)


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Email ID: principaliwc@gmail.com

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MAY - 2023

CERTIFICATE

This is to certify that the project entitled **ANTI-MICROBIAL ACTIVITY OF ROSE MARRY AND AUVRI PLANT EXTRACT** is the bonafide record done by **KAVIYA .M** (REG. NO: 31220U15022) in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

Signature of the Guide supervisor

(B. CORNALATHA)

Signature of the H.O.D

S. ARUNA, M.Sc., M.Phil.,
HOD of Bio-Chemistry
ISLAMIAH WOMEN'S COLLEGE
VANIYAMBADI-635 752.

Submitted for the Viva – Voce examination held on 12/05/2023

Internal Examiner

Dr. M. SUGANYA (312)



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External Examiner

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Assistant Professor & Research Supervisor,
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New Town, Vaniyambadi-635 752.



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Tirupattur - 635 601.

Email ID: principaliwc@gmail.com

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MAY - 2023

CERTIFICATE

This is to certify that the project entitled **ANTI-MICROBIAL ACTIVITY OF SOLANUM VIRIGIANUM EXTRACT AND AGLIMARMELOS EXTRACT** is the bonafide record done by **KAVIYA SHREE .M (REG. NO: 31220U15023)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

B. Sornalatha

Signature of the Guide supervisor

(B. SORNALATHA)

S. Aruna

Signature of the H.O.D

S. ARUNA, M.Sc., M.Phil.,
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VANIYAMBADI-635 752.

Submitted for the Viva – Voce examination held on 12/05/2023

H. Suganya

Internal Examiner

Dr. M. SUGANYA (312)



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[Signature]

External Examiner

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Tirupattur - 635 601.

Email ID: principalwc@gmail.com

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MAY - 2023

CERTIFICATE

This is to certify that the project entitled **SLIKWORM SERICULTURE** is the bonafide record done by **MALARVIZHI .S (REG. NO: 31220U15024)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

M. Nithiya Lakshmi
Signature of the Guide supervisor
(M. NITHIYA LAKSHMI)

S. Aruna
Signature of the H.O.D
S. ARUNA, M.Sc., M.Phil.,
HOD of Bio-Chemistry
ISLAMIAH WOMEN'S COLLEGE
VANIYAMBADI-635 75 2.

Submitted for the Viva – Voce examination held on 12/05/2023

M. Suganya
Internal Examiner

Dr. M. SUGANYA (312)

[Signature]
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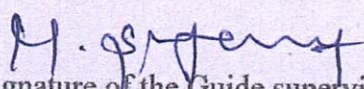
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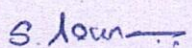
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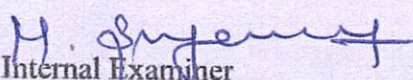
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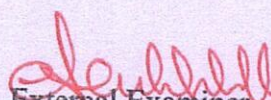
This is to certify that the project entitled **HEMOGLOBIN SURVEY** is the bonafide record done by **MOUNIKA .V (REG. NO: 31220U15025)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

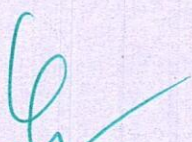

Signature of the Guide supervisor
(M. SUGANYA)


Signature of the H.O.D
S. ARUNA, M.Sc., M.Phil.,
HOD of Bio-Chemistry
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Submitted for the Viva – Voce examination held on 12/05/2023


Internal Examiner
Dr. M. SUGANYA (312)


External Examiner
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New Town, Vaniyambadi-635 752.


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Tirupattur - 635 601.

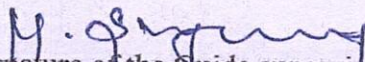
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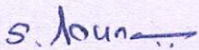
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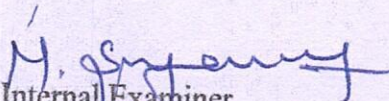
This is to certify that the project entitled **DAILY PRODUCT** is the bonafide record done by **NANDHINI .S (REG. NO: 31220U15026)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

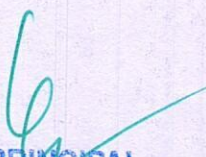

Signature of the Guide supervisor
(M. SUGANYA)

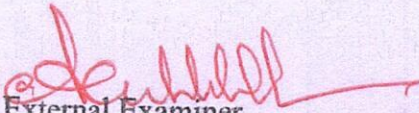

Signature of the H.O.D

S. ARUNA, M.Sc., M.Phil.,
HOD of Bio-Chemistry
ISLAMIAH WOMEN'S COLLEGE
VANIYAMBADI-635 752.

Submitted for the Viva – Voce examination held on 12/05/2023


Internal Examiner
Dr. M. SUGANYA (312)


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External Examiner
Dr. A. GOKULAKRISHNAN, M.Sc., M.Phil., Ph.D
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Email ID: principalwc@gmail.com

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MAY - 2023

CERTIFICATE

This is to certify that the project entitled **SURVEY ON HEMOGLOBIN LEVEL IN (50 STUDENT)** is the bonafide record done by **NUHA FATHIMA . M (REG. NO: 31220U15028)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

M. Nithiya Lakshmi
Signature of the Guide supervisor
(M. NITHIYA LAKSHMI)

S. Aruna
Signature of the H.O.D

**S. ARUNA, M.Sc., M.Phil.,
HOD of Bio-Chemistry
ISLAMIAH WOMEN'S COLLEGE
VANIYAMBADI-635 752.**

Submitted for the Viva – Voce examination held on 12/05/2023

M. Suganya
Internal Examiner

Dr. M. SUGANYA (312)

Dr. A. Gokulakrishnan
External Examiner

Dr. A. GOKULAKRISHNAN, M.Sc., M.Phil., Ph.D
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MAY - 2023

CERTIFICATE

This is to certify that the project entitled **MEDICINAL PLANT** is the bonafide record done by **PERARASI .S (REG. NO: 31220U15029)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

(Signature)
Signature of the Guide supervisor
(*Uruiza usmani B-S*)

(Signature)
Signature of the H.O.D

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(Signature)
Internal Examiner

Dr. M. SUGANYA (312)

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(Signature)
External Examiner

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CERTIFICATE

This is to certify that the project entitled **ANTI-MICROBIAL ACTIVITY OF CARDIOSPERMUM HALICACABUM AND ALTERNANTHERA SESSILLIS PLANT EXTRACT** is the bonafide record done by **PRIYANKA .C (REG. NO: 31220U15030)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

B. Sornalatha

Signature of the Guide supervisor

(B. SORNALATHA)

S. Aruna

Signature of the H.O.D

(S. ARUNA)

**S. ARUNA, M.Sc., M.Phil.,
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ISLAMIAH WOMEN'S COLLEGE
VANIYAMBADI-635 752.**

Submitted for the Viva – Voce examination held on 12/05/2023

M. Suganya
Internal Examiner

Dr. M. SUGANYA (312)

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Email ID: principalwc@gmail.com

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MAY - 2023

CERTIFICATE

This is to certify that the project entitled **MEDICINAL PLANT** is the bonafide record done by **RUBINI .K (REG. NO: 31220U15031)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

Signature of the Guide supervisor

(UNIBA USMANI BS)

Signature of the H.O.D

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Internal Examiner

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Email ID: principalwc@gmail.com

PG DEPARTMENT OF BIOCHEMISTRY

MAY - 2023

CERTIFICATE

This is to certify that the project entitled **PHYTOCHEMICAL ANALYSIS OF CAESALPINIA BONDUCELLA PLANT EXTRACT** is the bonafide record done by **RUBY NAAZ .V.S (REG. NO: 31220U15032)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

Signature of the Guide supervisor

(UNAIZA USMANI R.S.)

Signature of the H.O.D

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Email ID: principalwac@gmail.com

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MAY - 2023

CERTIFICATE

This is to certify that the project entitled **HYPOTHYROIDISM** is the bonafide record done by **SADIYA SAFEEN .M (REG. NO: 31220U15034)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

M. Nithya Lakshmi
Signature of the Guide supervisor
CM. NITHYA LAKSHMI

S. Aruna
Signature of the H.O.D

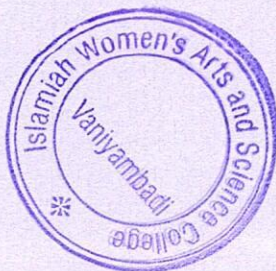
S. ARUNA, M.Sc., M.Phil.,
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VANIYAMBADI-635 752.

Submitted for the Viva – Voce examination held on 12/05/2023

M. Suganya
Internal Examiner
Dr. M. SUGANYA (312)

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Tirupattur - 635 601.

Email ID: principalwc@gmail.com

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MAY - 2023

CERTIFICATE

This is to certify that the project entitled **ANTI-MICROBIAL ACTIVITY OF POMEGRANATE RIND PEEL EXTRACT AND MORINGA OLEIFERA SEED EXTRACT** is the bonafide record done by **SANA FATHIMA .A (REG. NO: 31220U15036)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

B. Sornalatha

Signature of the Guide supervisor
(B. SORNALATHA)

S. Aruna

Signature of the H.O.D

S. ARUNA, M.Sc., M.Phil.,
HOD of Bio-Chemistry
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M. Suganya
Internal Examiner

Dr. M. SUGANYA (312)



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Email ID: principalwc@gmail.com

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CERTIFICATE

This is to certify that the project entitled **ANTI-MICROBIAL ACTIVITY OF SENNA ARRICULATA HYDROOITYLI ASIATICA LINN PLANT SURVEY** is the bonafide record done by **SANDHIYA .C (REG. NO: 31220U15037)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

B. Sornalatha

Signature of the Guide supervisor

(B. SORNALATHA)

S. Aruna

Signature of the H.O.D

S. ARUNA, M.Sc., M.Phil.,
HOD of Bio-Chemistry
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VANIYAMBADI-635 752.

Submitted for the Viva – Voce examination held on 12/05/2023

M. Suganya

Internal Examiner

Dr. M. SUGANYA (312),



[Signature]

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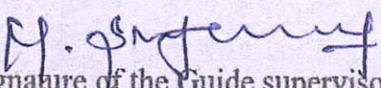
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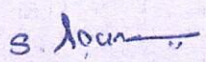
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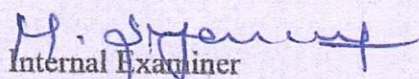
CERTIFICATE

This is to certify that the project entitled **PHYTOCHEMICAL CHARACTERISTICS OF CATHARANTHUS ROSEUS** is the bonafide record done by **SANIA FATHIMA BANGI (REG. NO: 31220U15038)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

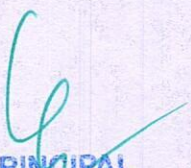

Signature of the Guide supervisor
(M. SUGANYA)

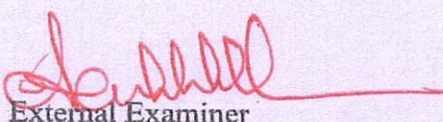
Submitted for the Viva – Voce examination held on 12/05/2023


Signature of the H.O.D
S. ARUNA, M.Sc., M.Phil.,
HOD of Bio-Chemistry
ISLAMIAH WOMEN'S COLLEGE
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Internal Examiner
Dr. M. SUGANYA (312)




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Email ID: principaliwc@gmail.com

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MAY - 2023

CERTIFICATE

This is to certify that the project entitled **SINUSITIS** is the bonafide record done by **SANIYA SADAF . J.M.Z (REG. NO: 31220U15039)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

Signature of the Guide supervisor

(Unaiza Usmani BS)

Signature of the H.O.D

S. ARUNA, M.Sc., M.Phil.,
HOD of Bio-Chemistry
ISLAMIAH WOMEN'S COLLEGE
VANIYAMBADI-635 752.

Submitted for the Viva – Voce examination held on 12/05/2023

Internal Examiner

Dr. M. SUGANYA (312)



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External Examiner

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Tirupattur - 635 601.

Email ID: principalwc@gmail.com

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MAY - 2023

CERTIFICATE

This is to certify that the project entitled **ANTI-MICROBIAL ACTIVITY OF AQUEOUS EXTRACT OF PHYLLANTUS AMBLICA AND ECLIPTA PROSTRATA** is the bonafide record done by **SHAFIA AMREEN .V (REG. NO: 31220U15040)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

B. Sornalatha

Signature of the Guide supervisor

(B. SORNALATHA)

S. Aruna

Signature of the H.O.D

S. ARUNA, M.Sc., M.Phil.,
HOD of Bio-Chemistry
ISLAMIAH WOMEN'S COLLEGE
VANIYAMBADI-635 752.

Submitted for the Viva – Voce examination held on 12/05/2023

M. Suganya

Internal Examiner

Dr. M. SUGANYA (312)

Principal

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VANIYAMBADI.

Dr. A. Gokulakrishnan

External Examiner

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New Town, Vaniyambadi-635 752.





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Tirupattur - 635 601.

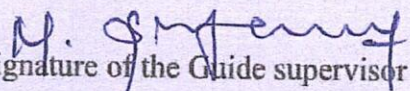
Email ID: principaliwc@gmail.com

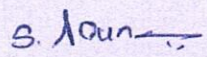
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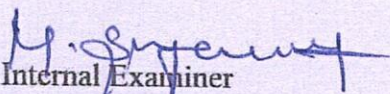
This is to certify that the project entitled **ISLOATION OF MICROORGANISMS FROM SOIL** is the bonafide record done by **SHAGUFTHA GOWHER .C (REG. NO: 31220U15041)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

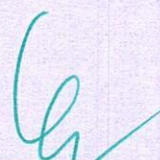

Signature of the Guide supervisor
(M. SUGANYA)

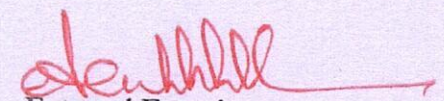

Signature of the H.O.D

Submitted for the Viva – Voce examination held on 12/05/2023

S. ARUNA, M.Sc., M.Phil.,
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Internal Examiner
Dr. M. SUGANYA (312)


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Tirupattur - 635 601.

Email ID: principaliwc@gmail.com

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MAY - 2023

CERTIFICATE

This is to certify that the project entitled **PRELIMINARY PHYTOCHEMICAL ANALYSIS OF LEUCAS ASPERA** is the bonafide record done by **SHAHISTA SAMREEN .M.H (REG. NO: 31220U15042)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

Signature of the Guide supervisor

(S. Karshiba Musareth)

Signature of the H.O.D

S. ARUNA, M.Sc., M.Phil.,
HOD of Bio-Chemistry
ISLAMIAH WOMEN'S COLLEGE
VANIYAMBADI-635 752.

Submitted for the Viva – Voce examination held on 12/05/2023

Internal Examiner

Dr. M. SUGANYA (312)

PRINCIPAL
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VANIYAMBADI

External Examiner





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Tirupattur - 635 601.

Email ID: principaliwc@gmail.com

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MAY - 2023

CERTIFICATE

This is to certify that the project entitled **PRELIMINARY PHYTOCHEMICAL ANALYSIS OF PLANTAE FLOWER** is the bonafide record done by **SOWMIYA.S (REG. NO: 31220U15043)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

Signature of the Guide supervisor
(S. Kashiba Musaratli)

Signature of the H.O.D

S. ARUNA, M.Sc., M.Phil.,
HOD of Bio-Chemistry
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VANIYAMBADI-635 752.

Submitted for the Viva – Voce examination held on 12/05/2023

Internal Examiner

Dr. M. SUGANYA (312)

PRINCIPAL
ISLAMIAH WOMEN'S ARTS
AND SCIENCE COLLEGE
VANIYAMBADI

External Examiner

Dr. A. GOKULAKRISHNAN, M.Sc., M.Phil., Ph.D
Assistant Professor & Research Supervisor,
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ISLAMIAH WOMEN'S ARTS & SCIENCE COLLEGE

Accredited by NAAC with 'B' grade

Affiliated in Thiruvalluvar University, Newtown, Vaniyambadi

Tirupattur - 635 601.

Email ID: principaliwc@gmail.com

PG DEPARTMENT OF BIOCHEMISTRY

MAY - 2023

CERTIFICATE

This is to certify that the project entitled **PHYTOCHEMICAL ANALYSIS OF CICHORIUM INTYBUS.L** is the bonafide record done by **SUHA .B (REG. NO: 31220U15044)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

Signature of the Guide supervisor

(Unaiza Usmani. BS)

Signature of the H.O.D

S. ARUNA, M.Sc., M.Phil.,
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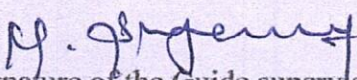
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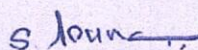
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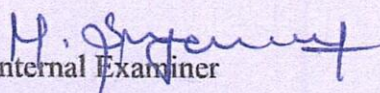
This is to certify that the project entitled **PLANT SURVEY** is the bonafide record done by **SUMITHRA .P (REG. NO: 31220U15045)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

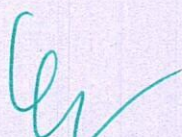

Signature of the Guide supervisor
(M. SUGANYA)

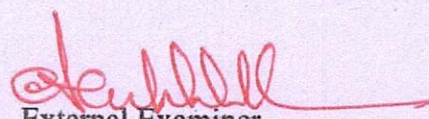

Signature of the H.O.D

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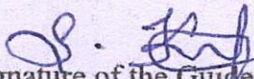
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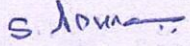
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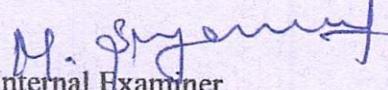
This is to certify that the project entitled **PRELIMINARY PHYTOCHEMICAL ANALYSIS OF TRACHYSPERMUM AMMI** is the bonafide record done by **UMA .S (REG. NO: 31220U15047)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.


Signature of the Guide supervisor
(S. Kashika Musarath)

Submitted for the Viva – Voce examination held on 12/05/2023

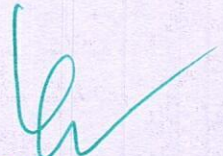

Signature of the H.O.D

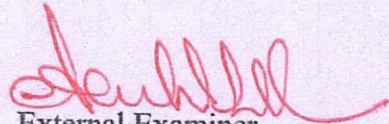
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MAY - 2023

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This is to certify that the project entitled **LABORATORY INSTRUMENTS** is the bonafide record done by **UMEMA KONAIN .N (REG. NO: 31220U15048)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

M. Nithiya Lakshmi
Signature of the Guide supervisor
(M. NITHIYA LAKSHMI)

S. Aruna
Signature of the H.O.D

Submitted for the Viva – Voce examination held on 12/05/2023

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M. Suganya
Internal Examiner

Dr. M. SUGANYA (312)

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MAY - 2023

CERTIFICATE

This is to certify that the project entitled **PRELIMINARY PHYTOCHEMICAL SCREENING OF AQUEOUS EXTRACT OF AZADIRACHTA INDICA** is the bonafide record done by **VADIVARASI . (REG. NO: 31220U15049)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

Signature of the Guide Supervisor

(S. Kashiba Musarrath.)

Submitted for the Viva – Voce examination held on 12/05/2023

Signature of the H.O.D

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Internal Examiner

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MAY - 2023

CERTIFICATE

This is to certify that the project entitled **PRELIMINARY PHYTOCHEMICAL ANALYSIS OF MORINGA OLEIFERA** is the bonafide record done by **VINU PRIYA .R . (REG. NO: 31220U15050)** in partial fulfilment of the requirement for the award of the degree of the Bachelor of Science in Biochemistry under my supervision during the period of 2022 – 2023. It has not been formed the basis for the award of any other degree.

Signature of the Guide supervisor
(S. Kashiba Musarath)

Signature of the H.O.D

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VANIYAMBADI-635 752.

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