

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: principaliwc@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 Sinenesis	Islamiah Women's Atrs And Science College	1.2.2023 to 12.5.2023 One Semester		
2	2 Ajitha .C Plant Survey		Islamiah Women's Atrs And Science College	1.2.2023 to 12.5.2023 One Semeste		
3	Aliya Nishad .B	Diabetic Mellitus	Islamiah Women's Atrs And Science College	1.2.2023 to 12.5.2023 One Semeste		
4	Arshiya Banu .I	Phytochemical Analysis Of Allivum Sativum	Islamiah Women's Atrs And Science College	1.2.2023 to 12.5.2023 One Semeste		
5	Arshiya Begum .K	Typhoid Fever	Islamiah Women's Atrs 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 Atrs And Science College	1.2.2023 to 12.5.2023 One Semeste		
7	Athoofa Zuha .M.L	Jaundice (Hyperbilirubinaemia)	Islamiah Women's Atrs And Science College	1.2.2023 to 12.5.2023 One Semeste		
8	Banu Priya .P	Plant Extract Antimicrobial Activity (Solanum Trilobatum, Glycyyrhiza Glabra	Islamiah Women's Atrs 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	Huzaifa 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
Jan 1	No.			

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

		Study Components		Ins.					
S. No.	Part	Course Title		Hrs / week	Credit	Title of the Paper	Maximum Marks		
		SEMEST	ER I				CIA	Uni. Exam	Tota
1.	1	Language	Paper-1	6	4	Tamil/Other Languages	25	75	100
2.	- 11	English (CE)	Paper-1	6	4	Communicative English I	25	75	100
3.	111	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.	111	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.	111	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
		SEMESTI	ER II			¥	CIA	Uni. Exam	Tota
7.	1	Language	Paper-2	6	4	Tamil/Other Languages	25	75	100
8.	11	English (CE)	Paper-2	6	4	Communicative English II	25	75	100
9.	111	Core Theory	Paper-2	5	4	Biomolecules	25	75	100
10.	111	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.	111	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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S.NO	Part	Study Com	ponents	Ins.	Credit	Title of the Paper	Mavi	mum M	arke
		Course	Title	/week		rine of the raper	IVIANI	mum w	ains
SEM	IEST	ER V					CIA	Uni. Exam	Total
30.	Ш	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
	Ш	Core Practical	Practical-3	3	0	Cobrimetric Estimations     Enzyme Assay	0	0	0
	Ш	Core Practical	Practical-4	3	0	<ol> <li>Hematology</li> <li>Microbiology</li> <li>Urine Analysis</li> </ol>	0	0	0
33.	Ш	Internal Elective	Paper-1	3	3	Molecular Endocrinology	25	75	100
	IV	Skill based Subject	Paper-3	2	2	Medical Lab technology	25	75	100
								The Market Control	-
				30	21		125	375	500
				30	21		125		500
SEN	IEST	ER VI		30	21		125	Uni. Exam	
35.	III	Core Theory	Paper-8	5	5	Clinical Biochemistry	CIA 25	Uni. Exam	Tota
			Paper-8 Paper-9 Practical-3			Clinical Biochemistry Biotechnology 3. Colorimetric Estimations 4. Enzyme Assay	CIA	Uni. Exam	Tota 100 100
35. 36.	III	Core Theory Core Theory	Paper-9	5 5	5 5	Biotechnology 3. Colorimetric Estimations	CIA 25 25 25	Uni. Exam 75 75	Tota 100 100
35. 36.	III	Core Theory Core Theory Core Practical	Paper-9 Practical-3	5 5	5 5	Biotechnology 3. Colorimetric Estimations 4. Enzyme Assay  1. Hematobgy 2. Microbiology	CIA 25 25 25	Uni. Exam 75 75	Tota 100 100 100
35. 36. 37.	III III	Core Theory Core Practical Core Practical	Paper-9 Practical-3	3	3	Biotechnology 3. Colorimetric Estimations 4. Enzyme Assay  1. Hematology 2. Microbiology 3. Urine Analysis	CIA  25 25 25  25	Uni. Exam 75 75 75 75 75 75	Tota  100  100  100  100  100  100
35. 36. 37. 38.	III III III III	Core Theory Core Theory Core Practical Core Practical Core Project	Paper-9 Practical-3 Practical-4	3 3	5 5 3	Biotechnology 3. Colorimetric Estimations 4. Enzyme Assay  1. Hematology 2. Microbiology 3. Urine Analysis (Individual / Group Project)	CIA  25 25 25  25	Uni. Exam 75 75 75 75	Tota  100  100  100  100  100
35. 36. 37. 38. 40.		Core Theory Core Theory Core Practical Core Practical Core Project Internal Elective	Paper-9 Practical-3 Practical-4 Paper-2	3 3 5 3	3 3 5 3	Biotechnology 3. Colorimetric Estimations 4. Enzyme Assay  1. Hematology 2. Microbiology 3. Urine Analysis  (Individual / Group Project)  Immunology	CIA  25  25  25  25  25  25	Uni. Exam 75 75 75 75 75 75	Tota  100  100  100  100  100  100  100
35. 36. 37. 38. 39. 40. 41.		Core Theory Core Theory Core Practical Core Practical Core Project Internal Elective Internal Elective Skill based	Paper-9 Practical-3 Practical-4 Paper-2 Paper-3	3 3 5 3 3	3 3 5 3 3	Biotechnology 3. Colorimetric Estimations 4. Enzyme Assay  1. Hematology 2. Microbiology 3. Urine Analysis (Individual / Group Project) Immunology Pharmaceutical Biochemistry	25 25 25 25 25 25 25 25 25	Uni. Exam 75 75 75 75 75 75 75 75	Tota



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## 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 LAKSHWI

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)

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Dr. A. GOKULAKRISHNAN, M.Sc., M.Phil., Ph.D.
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P.G. & Research Department of Blocher
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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  $(M, SUC(H \sim MA))$ 

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

s. Loun -

S.S.ARUNA, M. S.C. M.Phil., HOD of Bio-Chemistry ISLAMIAN WOMEN'S COLLEGE VANIYAMBADI-635752.

Internal Examiner

DT. M. SUGANYA (312)

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Dr. A. GOKULAKRISHNAN, M.Sc., M.Phil., Ph.D.
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#### 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 Somolathan
Signature of the Guide supervisor
(B. SORNALATHA)

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-635752.

Internal Examiner

or. M. SUGANYA (312)

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Dr. A. GOKULAKRISHNAN, M sc. M.Phil., Ph.D.
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P.G. & Research Department of Biochemistry,
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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. Korshiba Mularadi)

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

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Signature of the H.O.D

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

Or. M. SUGANYA (312)

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Dr. A. GOKULAKRISHNAN, M.Sc., M.Phil., Ph.D. Assistant Professor & Research Supervisor. P.G. & Research Department of Biochemistry, ISLAMIAH COLLEGE (Autonomous)

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#### PG DEPARTMENT OF BIOCHEMISTRY

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

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 ISLANIAH WOMEN'S COLLEGE VANIYAMBADI-635752.

Internal Examiner

Or. M. SUGANYA (312)

PRINCIPAL
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Dr. A. GÖKÜLÄKRISHNAH, 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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#### CERTIFICATE

This is to certify that the project entitled PHYTOCHEMICAL CHARACTERISTIC OF CARICA PAPAYA LINN LEAVES is the bonafide record done by ASHFIYA 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

(Case Usnoai RS)

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 ISLAMIAN WOMEN'S COLLEGE VANIYAMBADI-635752-

Internal Examiner

Dr. M. SUGANYA (312)

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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

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

Signature of the H.O.D

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

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This is to certify that the project entitled PLANT EXTRACT ANTIMICROBIAL ACTIVITY (SOLANUM TRILOBATUM, GLYCYYRHIZA 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.

Bature of the Guide supervisor (B-SORNALATHA)

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

Signature of the H.O.D

s. Jour

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Dr. M. SUGANYA (312)

AND SCIENCE COLLEGE VANIYAMBADI.

ISLAMIAH WOMEN'S ARTS 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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#### 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.

Signature of the Guide supervisor CM. NITHIYA LAKSHMI)

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

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Signature of the H.O.D

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ISLAMIAH WOMEN'S ARTS AND SCIENCE COLLEGE VANIYAMBADI

Dr. A. GOKULAKRISHNAN, M.Sc., M.Phil., Ph.D.

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## CERTIFICATE

This is to certify that the project entitled PHYTOCHEMICAL SCREENING OF CALTROPHIS 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. Roshiba Musasall)

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-635752.

Dr. M. SUGANYA (312)

Nomen

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## PG DEPARTMENT OF BIOCHEMISTRY

MAY - 2023

#### 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. Nithiyabohi Signature of the Guide supervisor CM. NITHIYA LAKSHMI)

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

Signature of the H.O.D

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nternal Examiner

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#### PG DEPARTMENT OF BIOCHEMISTRY

MAY - 2023

#### CERTIFICATE

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 CM. SUGANYA)

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

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Signature of the H.O.D

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# PG DEPARTMENT OF BIOCHEMISTRY

MAY - 2023

#### CERTIFICATE

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.

Signature of the Guide supervisor

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

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## PG DEPARTMENT OF BIOCHEMISTRY

MAY - 2023

#### CERTIFICATE

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 Muserath)

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

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Signature of the H.O.D

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# PG DEPARTMENT OF BIOCHEMISTRY

MAY - 2023

## CERTIFICATE

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. Nithiyahdhi Signature of the Guide supervisor (M. NITHIYA LAKSHMI)

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

Signature of the H.O.D

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## PG DEPARTMENT OF BIOCHEMISTRY

MAY - 2023

#### CERTIFICATE

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. SOGAMA)

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

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Signature of the H.O.D S. ARUNA, M.Sc., M.Phil., HOD of Bio-Chemistry ISLAMIAH WOMEN'S COLLEGE VANIYAMBADI-635752.

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# PG DEPARTMENT OF BIOCHEMISTRY

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. SORNALATHA)

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

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Signature of the H.O.D

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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 Smalatte

Signature of the Guide supervisor (B. SoRNALATHA)

Submitted for the Viva - Voce examination held on 12/05/2023 [SLAMIAH WOMEN'S COLLEGE

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#### 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. N. This plot ...
Signature of the Guide supervisor.
(M. NITHIYA LAKSHMI)

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

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

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MAY - 2023

#### CERTIFICATE

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. 104 ANYA)

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

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Signature of the H.O.D. S. ARUNA, M.Sc., M. Phil., HOD of Bio-Chemistry ISLAMIAH WOMEN'S COLLEGE VANIYAMBADI-635752.

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#### PG DEPARTMENT OF BIOCHEMISTRY

MAY - 2023

#### CERTIFICATE

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 duide supervisor CM. SUGANYA)

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

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# PG DEPARTMENT OF BIOCHEMISTRY

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 LARSHMI)

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

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Signature of the H.O.D

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#### PG DEPARTMENT OF BIOCHEMISTRY

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 of the Guide supervisor

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## PG DEPARTMENT OF BIOCHEMISTRY

MAY - 2023

#### 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-Smolallor Signature of the Guide supervisor (B. SORNALATHA)

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

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Signature of the H.O.D

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#### PG DEPARTMENT OF BIOCHEMISTRY

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

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

Signature of the H.O.D

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## 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 B.S)

a loun-Signature of the H.O.D

S. ARUNA, M.Sc., M. Phil.,

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# PG DEPARTMENT OF BIOCHEMISTRY

MAY - 2023

#### CERTIFICATE

This is to certify that the project entitled **HYPOTHYRODISM** 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. Nithing of the Guide supervisor (M. NITHIYA LAKSHMI)

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

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#### PG DEPARTMENT OF BIOCHEMISTRY

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.

(R. SORNALATHA)

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

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Signature of the H.O.D

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## CERTIFICATE

This is to certify that the project entitled ANTI-MICROBIAL ACTIVITY OF SENNA ARRICULATA HYDROOOTYLI 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.

Signature of the Guide supervisor
(R. SORNAIHA)

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

Signature of the H.O.D

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#### PG DEPARTMENT OF BIOCHEMISTRY

MAY - 2023

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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. Sugarya)

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

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# PG DEPARTMENT OF BIOCHEMISTRY

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 (Unoviza Usmani BS)

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

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#### PG DEPARTMENT OF BIOCHEMISTRY

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#### 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.

Signature of the Guide supervisor (B. SORNALATHA)

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Signature of the H.O.D

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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 Quide supervisor

(M. 5046 MA)

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

Signature of the H.O.D

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or. M. SUGANYA (312)

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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. Kashiba Musadett)

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

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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 Musarath)

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

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#### 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

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

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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.

(AMAPUZ.M)

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

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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 Musareth)

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

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Signature of the H.O.D

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Internal Examiner

or. M. SUGANYA (312)

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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.

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

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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 Muserath.)

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

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MAY - 2023

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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)

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

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Signature of the H.O.D

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