



**MARUDHAR KESARI JAIN COLLEGE FOR WOMEN, VANIYAMBADI**  
(A Project of Sri Marudhar Kesari Jain Trust)

**Recognized u/s 2(f) & 12(B) of UGC Act 1956 Re-Accredited with "A" Grade by NAAC (3rd Cycle)**  
**Permanently Affiliated to Thiruvalluvar University An ISO 9001:2015 Certified Institution**



**INDUSTRIAL PROJECT 2018-19**  
**DEPARTMENT OF BIO CHEMISTRY- (18/12/2018 to 23/02/2019)**

S.NO	DEPARTMENT	REGISTER NO	STUDENT NAME	TITLE	ORGANISATION
1	M.Sc Bio Chem	31817P12001	Chandralekha R	Study of Enzymatic Activity in Fresh and Oxidised Fruits & Vegetables & Their Reduction Using Natural Ways	Genewin Biotech, Hosur
2	M.Sc Bio Chem	31817P12002	Durga P	Anticancer Activity of Tamarindus Indica linn. And Cassia Auriculata linn. Against Breast Cancer Cell line	Biozone Research Technologies, Chennai
3	M.Sc Bio Chem	31817P12003	Fakiha Naz M	Production of Biodiesel From Various Algae for the Analysis of Their Growth Parameters	Genewin Biotech, Hosur
4	M.Sc Bio Chem	31817P12004	Jayalakshmi P	Isolation and Identification of Bioactive Molecules by lactic Acid Bacteria	Genewin Biotech, Hosur
5	M.Sc Bio Chem	31817P12005	Kanemozhi S	Extraction of Food Colourant From Pomegranate Peel	Biozone Research Technologies, Chennai

6	M.Sc Bio Chem	31817P12006	Keerthana S	Comparision of <i>Invitro</i> and <i>Ex Vivo</i> Experimental Analysis of <i>Aloevera</i> Extracts on the Antioxidant and Antimicrobial Activity	Genewin Biotech, Hosur
7	M.Sc Bio Chem	31817P12007	Komathi S	Antioxidant Potential of Indian Fruit Peel	Biozone Research Technologies, Chennai
8	M.Sc Bio Chem	31817P12008	Lavanya G	Impact of Organic Fertilizer and Bio Fertilizer Against in Organic Fertilizer Against Plant Growth- a Comparative Study	Genewin Biotech, Hosur
9	M.Sc Bio Chem	31817P12009	Naziya V K	Preliminary phytochemical screening and antibacterial activity of methanolic extract of	Sacred Heart College, Tirupattur
10	M.Sc Bio Chem	31817P12010	Nirmala R	Antidiabetic Activity of <i>Sida Rhombifolia</i> Linn.	Biozone Research Technologies, Chennai
11	M.Sc Bio Chem	31817P12011	Parimala K	Molecular Epidemiology Studies on <i>Candida Tropicalis</i>	Biozone Research Technologies, Chennai
12	M.Sc Bio Chem	31817P12012	Priyanka G	Screening of Pharmacological Activity of Mangrove Medicinal Plant Activity of Pathogenic Bacteria and Fungi	Sacred Heart College, Tirupattur
13	M.Sc Bio Chem	31817P12013	Sangeetha B	Callus Induction of <i>Ocimum Sanctum</i> for Their Secondary Metabolites	Genewin Biotech, Hosur
14	M.Sc Bio Chem	31817P12014	Sangeetha V	Waterfern <i>Azolla</i> Micropropagation for the Futuristic Study and its Comparision with Vegetative P:ropagated <i>Azolla</i> for the Antioxidant Efficiency	Genewin Biotech, Hosur

15	M.Sc Bio Chem	31817P12015	Surekha C M	Antinflammatory Potential of Indian Medical Plant	Biozone Research Technologies, Chennai
16	M.Sc Bio Chem	31817P12016	Suvathi S	Antibioilm Activity And Molecular Characterisation Of Indian Medicinal Plant Plectranthus Amboinicus (Karpuravalli	Biozone Research Technologies, Chennai
17	M.Sc Bio Chem	31817P12017	Varalakshmi G S	Assesment of Microbial Quality of Processed and Packed Fresh Fruit Juice	Ghousia Food Products, Bangalore

**Dr. A.POONGOTHAI M.Sc., Ph.D.**  
**Assistant Professor**  
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05<sup>th</sup> April 2019

### CERTIFICATE

This is to certify that the dissertation entitled "**PRELIMINARY PHYTOCHEMICAL SCREENING AND ANTIBACTERIAL ACTIVITY OF METHANOLIC EXTRACT OF *Averrhoacarambola* FRUIT**" submitted in partial fulfillment of the requirements for the award of the Degree of Master of Science in Biochemistry is a record of bonafide research work carried out by **Ms. V.K. Naziya, Reg. No: 31817P12009** II M.Sc., Biochemistry, MarudharKesari Jain College for Women, Vaniyambadi at Department of Biochemistry, Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University.

A. V. Thi.

**GENEWIN BIOTECH**

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**23.02.2019****TO WHOM SOEVER IT MAY CONCERN**

This is to certify that **Ms. G. LAVANYA** doing Final year Master of Science (Biochemistry) in Marudhar Kesari Jain College for Women, Vaniyambadi has done her project on **"IMPACT OF ORGANIC FERTILIZERS AND BIOFERTILIZERS AGAINST PLANT GROWTH AND PESTS - A COMPARATIVE STUDY"** in our company and prepared her report under this topic from 18.12.2018 to 23.2.2019 and received good assistance for the same.

During the above period, she has evinced keen interest and we found her conduct to be good and scholarly.

**Managing Director****Prof. Dr.V.PALANI, M.Sc., M.Phil., Ph.D., PDR (USA)**

14.02.2019

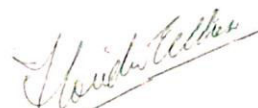
## CERTIFICATE

This is to certify that **Ms. S. Komathi** currently pursuing Final year **M.Sc. Biochemistry**, at **Marudhar Kesari Jain College for Women, Vaniyambadi** has completed the project entitled “**Antioxidant potential of Indian Fruit peel**” from **03.12.2018 to 14.02.2019** at our organization.



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Anandh Nair, M.Sc., PGDRI, Ph.D., MBA  
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This is to certify that **Ms. S. KEERTHANA** doing Final year Master of Science (Biochemistry) in Marudhar Kesari Jain College for Women, Vaniyambadi has done her project on "**COMPARISON OF *Invitro* AND *exvivo* EXPERIMENTAL ANALYSIS OF *Aloe barbadensis* EXTRACTS ON THEIR ANTIOXIDANT AND ANTI MICROBIAL ACTIVITIES**" in our company and prepared her report under this topic from 18.12.2018 to 23.2.2019 and received good assistance for the same.

During the above period, she has evinced keen interest and we found her conduct to be good and scholarly.

**Managing Director****Prof. Dr.V.PALANI, M.Sc., M.Phil., Ph.D., PDR (USA)**



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This is to certify that Ms. S. Kanimozhi currently pursuing Final year M.Sc.  
Biochemistry, at Marudhar Kesari Jain College for Women, Vaniyambadi  
has completed the project entitled "Extraction of Food Colourant from  
Pomegranate peel" from 03.12.2018 to 14.02.2019 at our organization.



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This is to certify that **Mrs. P. JAYALAKSHMI** doing Final year Master of Science (Biochemistry) in Marudhar Kesari Jain College for Women, Vaniyambadi has done her project on **"ISOLATION AND IDENTIFICATION OF BIOACTIVE MOLECULES FROM LACTIC ACID BACTERIA"** in our company and prepared her report under this topic from 18.12.2018 to 23.2.2019 and received good assistance for the same.

During the above period, she has evinced keen interest and we found her conduct to be good and scholarly.

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This is to certify that **Ms. FAKIHA NAZ. M** doing Final year Master of Science (Biochemistry) in Marudhar Kesari Jain College for Women, /aniyambadi has done her project on **"PRODUCTION OF BIODIESEL FROM /ARIOUS ALGAE FOR THE ANALYSIS OF THEIR GROWTH PARAMETERS"** n our company and prepared her report under this topic from 8.12.2018 to 23.2.2019 and received good assistance for the same.

During the above period, she has evinced keen interest and we found her onduct to be good and scholarly.

Managing Director

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## CERTIFICATE

This is to certify that Ms. P. Durga currently pursuing Final year M.Sc. Biochemistry, at Marudhar Kesari Jain College for Women, Vaniyambadi has completed the project entitled "Anticancer activity of Indian Medicinal plant against Breast cancer cell line" from 03.12.2018 to 14.02.2019 at our organization.



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14.02.2019

### CERTIFICATE

This is to certify that **Ms. G.S Varalakshmi** currently pursuing Final year **M.Sc. Biochemistry**, at **Marudhar Kesari Jain College for Women, Vaniyambadi** has completed the project entitled **“Anti-biofilm activity and molecular characterization of Indian medicinal plant”** from **03.12.2018 to 14.02.2019** at our organization.



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14.02.2019

## CERTIFICATE

This is to certify that Ms. S. Suvathi currently pursuing Final year M.Sc. Biochemistry, at Marudhar Kesari Jain College for Women, Vaniyambadi has completed the project entitled "Anti-Inflammatory Activity of Indian Medicinal Plant" from 03.12.2018 to 14.02.2019 at our organization.



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23.02.2019

**TO WHOM SOEVER IT MAY CONCERN**

This is to certify that **Mrs. V. SANGEETHA** doing Final year Master of Science (Biochemistry) in Marudhar Kesari Jain College for Women, Vaniyambadi has done her project on **"WATER FERN - AZOLLA MICROPROPAGATION FOR THE FUTURISTIC STUDY AND ITS COMPARISON WITH VEGETATIVE PROPAGATED AZOLLA FOR THE ANTIOXIDANTS EFICIENCY"** in our company and prepared her report under this topic from 18.12.2018 to 23.2.2019 and received good assistance for the same.

During the above period, she has evinced keen interest and we found her conduct to be good and scholarly.



  
**Managing Director**

**Prof. Dr.V.PALANI, M.Sc., M.Phil., Ph.D., PDR (USA)**





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### TO WHOM SOEVER IT MAY CONCERN

This is to certify that **Ms. B. SANGEETHA** doing Final year Master of Science (Biochemistry) in Marudhar Kesari Jain College for Women, Vaniyambadi has done her project on "**CALLUS INDUCTION OF *Ocimum Sanctum* FOR THEIR SECONDARY METABOLITES**" in our company and prepared her report under this topic from 18.12.2018 to 23.2.2019 and received good assistance for the same.

During the above period, she has evinced keen interest and we found her conduct to be good and scholarly.



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### CERTIFICATE

This is to certify that the dissertation entitled "SCREENING OF PHARMACOLOGICAL ACTIVITY OF MANGROVE MEDICINAL PLANTS AGAINST PATHOGENIC BACTERIA AND FUNGI" submitted in partial fulfillment of the requirements for the award of the Degree of Master of Science in Biochemistry is a record of bonafide research work carried out by **Ms. G. Priyanka, Reg. No: 31817P12012 II M.Sc., Biochemistry, Marudhar Kesari Jain College for Women, Vaniyambadiat Bionanotechnology Laboratory, Department of Microbiology, Sacred Heart College (Autonomous), Tirupattur,** under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University.

  
(P. SARANRAJ)

**Dr. P. SARANRAJ, M.Sc., M.Phil., Ph.D.,**  
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14.02.2019

## CERTIFICATE

This is to certify that **Ms. K. Parimala** currently pursuing Final year **M.Sc. Biochemistry**, at **Marudhar Kesari Jain College for Women, Vaniyambadi** has completed the project entitled **“Molecular epidemiology studies on *Candida tropicalis*”** from **03.12.2018 to 14.02.2019** at our organization.



### GUIDE

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## CERTIFICATE

This is to certify that **Ms. R. Nirmala** currently pursuing Final year **M.Sc. Biochemistry**, in **Marudhar Kesari Jain College for Women** has completed the project entitled **“Anti-Diabetic Activity of Indian Medicinal Plant”** from **03.12.2018 to 14.02.2019** at our organization.



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### TO WHOM SOEVER IT MAY CONCERN

This is to certify that **Ms. R. CHANDRALEKHA** doing Final year Master of Science (Biochemistry) in Marudhar Kesari Jain College for Women, Vaniyambadi has done her project on **"ENZYMATIC ACTIVITY IN FRESH AND OXIDIZED FRUITS AND VEGETABLES AND THEIR REDUCTION USING NATURAL WAYS"** in our company and prepared her report under this topic from 18.12.2018 to 23.2.2019 and received good assistance for the same.

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**Managing Director**

**Prof. Dr.V.PALANI, M.Sc., M.Phil., Ph.D., PDR (USA)**