

**DBT STAR COLLEGE SCHEME
ANNUAL REPORT
2017-2018**

1. List of Minor Projects Implemented

Name of the Department	Name of the Project	Name of the Supervisor	Name of the Students	Beneficiaries
INTERDEPARTMENTAL PROJECTS Dept. of Nutrition and Dietetics & Dept. of Mathematics	A STATISTICAL APPROACH ON THE TEXTURE OF VARIOUS FOODS EVALUATED BY PENETROMETER	N&D Dr.N.Sabitha & Maths Tmt.S.P.Geetha	N&D Akshaya.K, Anbumani.M, Ashwin Thaj.S, Baby.M, Maths Ruba.V & Sangavi.B	II B.Sc., (N&D): 17 II B.Sc., Maths: 8 Total: 25
	CONCEPTUAL MIND MAP FOR GMO	N&D Dr.N.Maragatham & Maths Dr.P.Hemalatha	N&D Nagasutha.S, Nithya.J, Pavithra.M, Priyanka.K, Maths Indhumathi.G & Jamuna.L	
	CREATING NUTRITIONAL AWARENESS ABOUT ANEMIA AND DEVELOPMENT OF IRON RICH RECIPES	N&D Dr.T.K.Kousalya & Maths Tmt.S.Padmavathi	N&D Sandhiyaa.N, Santhiya.M, Sanmugapriya.K, Santhiya.A Maths Ponmathiyeni.V.G, Pavithra.R	
	NUTRITIONAL STATUS FOR WORKING WOMEN VS NON WORKING WOMEN	N&D Dr.S.Anuradha & Maths Dr.P.Shakila Banu	N&D Vaishnavi.G, Varshini.S, Vinitha.P, Viveka.B, Yazhini.V Maths Anushuya.S.C. & Akhila.U.P	
	AN EVALUATION OF TOTAL SOLUBLE SOLID CONCENTRATION IN DIFFERENT FRUIT PRODUCTS USING BRIX REFRACTOMETER	Dr.N.Sabitha	Bhavatharani.G, Deepa.R, Gobika.T, Gowsalya.D, Hemalatha.D, Indhuja.C	II B.Sc., (N&D) 24
	THE DATA MANAGEMENT	Dr.N.Maragatham	Iswariya.T, Karthika.D, Karthika.R,	

Dept. of Nutrition and Dietetics	SYSTEM FOR DISEASE		Kowsalya.S, Logesuware.M, Malarvizhi.K	
	NUTRITIONAL AWARENESS ABOUT MORINGA LEAVES POWDER AND DEVELOPING VALUE ADDED PRODUCTS	Dr.T.K.Kousalya	Rajeswari.R Ranjani.T Ranjitha.S Roopasree.N Rubika.D Sameema Fathima.J	
	OIL EXTRACTION USING TRADITIONAL METHOD	Dr.S.Anuradha	Sathurthi.K Sharmila.K Sheela.A.M Sowmiya.A Sujithra.S Suvetha Krishnana.K	

2. Faculty Development Programmes organized and attended

Name of the Department	Programme	Beneficiaries	Date(s)	Impact of the programme
	FDP – Organized Topic – I Healthy Lifestyle and Non-Communicable Diseases Topic – II Current Indian Diets and Its Associated Risk for Chronic Diseases	Faculty from: Vellalar College for Women, Erode Kongu Arts and Science College, Erode Bharathidasan College of Arts & Science, Erode No.42	03.01.2018	The FDP focused on the integrative role of Food Scientists, Dietitian, Health Professionals, Academicians and the Public in supporting the Government for the well being of society which in turn will build a Healthy Nation.
	FDP – Attended EDP On “Fruits and Vegetable Processing” at Central Institute of Agricultural Engineering, Regional Centre, Coimbatore.	Dr.T.K.Kousalya & Ms.V.Mythili	05.01.2018	The knowledge on Technical Skills in Food Processing were updated by the faculty.

	FDP – Attended “Horticulture & Food Processing” at Indian Horticulture & Food Processing Consultancy, Hosur	Dr.N.Sabitha, Dr.N.Maragatham, Dr.S.Anuradha	13.03.2018	The knowledge on Hi-tech Horticulture Cultivation methods was gained.
--	---	--	------------	---

3. Outreach Activities Conducted

Name of the department	Name of the activity	Beneficiaries	Date(s)	Impact
Nutrition and Dietetics	Inter Departmental Outreach Activity at Kolli Hills (Dept. of Nutrition & Dietetics and Dept. of Botany)	95 School Students, 30 (Male & Female) Tribal Community People.	03.02.2018	<ul style="list-style-type: none"> ➤ The Students and Faculty had an experience in reaching the unreached in a Tribal area for imparting Nutrition Education. ➤ Awareness on the following areas were created <ul style="list-style-type: none"> • General health and herbal plants. • Intestinal worm Infestation and Herbal treatment. • Forest and hill ecosystem.

4. Outstanding Achievements of the Student/ Faculty

a) Student / Faculty achievements				
Name of the Department	Name of the programmes	Name of the Faculty/ Student	Period	Achievements
Nutrition & Dietetics	DBT Sponsored National Conference on “Entrepreneurship: Current Scenario, Scope and Opportunities in Food and Bioprocessing Sector” at Rajalakshmi Engineering College, Chennai	Dr.N.Sabitha * & Ms.V.Mythili	15.09.2017 & 16.09.2017	Best Paper Award
b) Student/Faculty -Paper presentation in National/ International Conference				
Name of the Department	Name of the programme	Name of the Faculty/ Student	Date(s)	Research activities
Nutrition & Dietetics	DBT Sponsored National Conference on “Entrepreneurship: Current Scenario, Scope and Opportunities in Food and Bioprocessing Sector” at Rajalakshmi Engineering College, Chennai	Dr.N.Sabitha * & Ms.V.Mythili	15.09.2017 & 16.09.2017	Formulation and Development of Aloe Vera (Barbadensis Miller) Based Recipes and Its Awareness Among The Selected Subjects
		Asifa Thaslim.H Lavanya.K Arsha Benninah.R (III B.Sc., N&D)	15.09.2017 & 16.09.2017	“Pulsed Light Treatment” In Food Preservation
		Abirami.R Ashma Zunaira.A Shanthini.G (III B.Sc., N&D)	15.09.2017 & 16.09.2017	Food Safety - An Emerging Issue

		Padmapriya.M Suruthi.J Vidhya.M (III B.Sc., N&D)	15.09.2017 & 16.09.2017	The Current Journey Of Foodomics In The Path Of Integrated Omics To The Peak Of Food Quality Control And Safety
		Gowsalya.D Kaviya.R Mohanapriya.S (III B.Sc., N&D)	15.09.2017 & 16.09.2017	Nutraceuticals : A Supplement To Intestinal Health
		Ramya.C Soniya.S Hemalatha.S (III B.Sc., N&D)	15.09.2017 & 16.09.2017	Basic Concept of Selected Enzymes Used In Food Industry

c) Student/Faculty -Participation in National/ International Conference			
Name of the Department	Name of the programme	Name of the Faculty/ Student	Date(s)
Nutrition &Dietetics	ICMR Sponsored Societal Awareness Program on “Cardio Vascular Disease-Symptoms and Remedial Features”	Dr.N.Sabitha Dr.T.K.Kousalya III B.Sc., N&D Abinaya.V, Abirami.R Anu.R, Arsha Benninah.R, Ashma Zunaira.A, Asifa Thaslim.H, Atchayanandhini.K.V , Bharanikka.K, Dhivya Lakshmi.A , Gomathi Priya.S , Gowsalya.D, Gowsalya Devi.G, Lavanya.K, Naga Pavithra.N, Padmapriya.M, Pavithra.K, Monika.P, Priyadharsini.S, Priyanka.P, Ramya.C, Sangeetha.A, Suruthi.J, Vanathi.N, Vidhya.M Vidhya.P	07.10.2017

5. Short term training courses/ workshops conducted for Student / Faculty

a) Hands on Training Programmes organized			
Name of the Department	Name of the Programme	Date(s)	Beneficiaries
Nutrition & Dietetics	Quantitative and Qualitative Biochemical Techniques	07.03.2018	48 Students (II B.Sc., N&D) 2 Lab Assistants
b) Workshops conducted			
Name of the Department	Name of the programme	Date(s)	Beneficiaries
Nutrition and Dietetics	Workshop on “Biomedical Instrumentation”	22.12.2017	47 Students (I B.Sc., N&D) 10 Students (III B.Sc., Zoology) 9 Students (I B.Sc., Physics) 2 Lab Assistants
	Interdepartmental National Seminar on “Current Perspectives in Food Science and Chemistry” (Dept. of Nutrition & Dietetics and Dept. of Chemistry)	07.02.2018	49 Faculty 374 Students
	Interdepartmental Workshop on “Diet Optimization using Linear Programming” (Dept. of Nutrition & Dietetics and Dept. of Mathematics)	05.03.2018	48 Students (I B.Sc., N&D) 42 Students (I B.Sc., Mathematics) 2 Lab Assistants
	National Seminar on “A New Approach on Behaviour Therapy for Diet Counseling”	22.03.2018	141 Students (B.Sc., N&D)

	Inauguration of Diet Clinic (As per the suggestion given during the Advisory Committee Meeting of DBT, Diet Clinic was inaugurated)	22.03.2018	All Faculty, Students and the Public in general will be benefitted.
--	---	------------	---

6. Details of Guest Lectures organized

Name of the Department	Name of the Guest Speaker	Name of the Institute	Topic and Date	Beneficiaries
Nutrition & Dietetics	Dr.M.Menaka	Dept. of Clinical Nutrition & Dietetics, Ethiraj College for Women, Chennai.	Diet for Green Planet – A Biotechnological Approach	141 Students (B.Sc., N&D) 30 Students (III B.Sc., Biochem.) Total - 171 Students
	Dr.P.Premasudha	Dept. of Nanoscience and Technology, Bharathiar University, Coimbatore.	Applications of Nanoscience in Food Science and Technology	141 Students (B.Sc., N&D) 30 Students (III B.Sc., Biochem.) Total - 171 Students

7. Visits to Industries/Institutes/ National Laboratories/ Field trips, etc.

i) Industrial visits			
Name of the Department	Name of the Industry visited	Date(s)	Beneficiaries
Nutrition & Dietetics	V.V.V. & Sons Edible Oil Limited, Virudhunagar	06.02.2018	47 Students (I B.Sc., N&D) 2 Lab Assistants
ii) Laboratory/Institute visits			
Name of the Department	Lab/Institute visited	Date(s)	Beneficiaries
Nutrition & Dietetics	ICAR – Central Institute of Agricultural Engineering, Coimbatore	05.01.2018	25 Students (II B.Sc., Students) 1 Lab Assistant

	Department of Nanoscience and Technology Laboratory, Bharathiar University, Coimbatore	20.03.2018 (FN)	44 Students (III B.Sc., Students) 2 Lab Assistants
	Food Processing Centre, PSG College of Arts & Science, Coimbatore	20.03.2018 (AN)	44 Students (III B.Sc., Students) 2 Lab Assistants
iii) Field Trips			
Name of the Department	Name of the place visited	Date(s)	Beneficiaries
Nutrition & Dietetics	Indian Horticulture & Food Processing Consultancy, Hosur	13.03.2018	43 Students (II B.Sc., N&D) 1 Lab Assistant

