

SYMBIOSIS SCHOOL OF BIOLOGICAL SCIENCES (SSBS)

PROJECT REPORT BATCH -2019-21 (M.Sc. Biotechnology)

Sr. No.	PRN	Name	Project: Title	Guide
1	19040342001	Aditya Prabhakar Nachanekar	Understanding the role of mineralocorticoid in albumin glycation and further influence on RAGE-NF- κ B pathway in renal cells	Dr. Anuradha Vaidya
2	19040342002	Apte Mayura Mohan	Evaluation of mineralocorticoid action on structural and functional modifications of albumin and NRF-2 signalling pathway in renal cells with special reference to glycation	Dr. Rashmi Tupe
3	19040342003	Ashwin Venkatramanan S	Study of interactions between bacteriophage and antibiotics against <i>Salmonella enterica</i> strains	Dr. Satyajeet Khare
4	19040342004	Desai Megha Mohan	Lytic activity of bacteriophages against antimicrobial resistant <i>Escherichia coli</i> isolated from clinical samples	Dr. Santosh Koratkar
5	19040342005	Gaikwad Deepesh Dhananjay	Assessment of neuroprotective effect of mesenchymal stromal cells-derived secretome on endoplasmic reticulum stress induced neurodegeneration	Dr. Rashmi Tupe
6	19040342006	Gaikwad Shruti Bhanudas	Evaluation of Anti-ageing and free radical scavenging activity of Vitamin D3 on pancreatic β cell line (MIN6)	Dr. Ram Kulkarni (Co-guide-Dr. Bishnudeo Roy)
7	19040342007	Gawde Yash Surendra	Anti-proliferative and anti-oxidative activity of <i>Lactobacillus rhamnosus</i> on HepG2 cell lines	Dr. Sunil Saroj
8	19040342008	Parvati Parmeshwar Iyer	Role of commensal in regulation of <i>Neisseria meningitidis</i> capsule formation	Dr. Sunil Saroj
9	19040342009	Kerkar Tushar Rohidas	Role of Polyamines on Acid stress response of <i>Streptococcus pyogenes</i>	Dr. Satyajeet Khare

10	19040342010	Kulkarni Rutuja Shrikrishna	The role of DMSO in modulating infectivity of the bacteriophages	Dr. Bishnudeo Roy (Co-Guide-Dr. Santosh Koratkar)
11	19040342011	Kumar Harshit	Evaluation of inhibitory effect of lactic acid bacteria on the virulence of <i>Listeria monocytogenes</i>	Dr. Neetu Mishra
12	19040342012	Menon Aaradhika Anup	Effect of metabolites on the virulence of <i>Neisseria meningitidis</i>	Dr. Sunil Saroj (Co- Guide-Dr. Santosh Koratkar)
13	19040342013	Mishra Anjali Kaushal Kishor	Assessment of compost properties produced from different organic waste as soil amendment	Dr. Soumya Chatterjee Defence Research Laboratory (DRL)- DRDO, Tezpur.
14	19040342014	Nidhii Rajesh	Identification of genes regulated by the chimeric transcription factor E2A-PBX1 in acute lymphoblastic leukaemia	Dr. Sunil Saroj (Co- Guide-Dr. Ram Kulkarni)
15	19040342015	Patel Tejashree Ishwar	Gene expression patterns associated with multiple sclerosis patients in different age groups	Prof. Sanjeev Galande, IISER, Pune
16	19040342016	Riya Joshi	Silymarin Conjugated Zinc oxide Nanostructures For Nano Drug Delivery System	Dr. Sunil Saroj
17	19040342017	Riyakshi Rajkhowa	Andrographolide functionalized magnesium nanostructures for sustained and controlled release at targeted site	Dr. Ram Kulkarni
18	19040342018	Sarang Sahara Hasan	Biogenic Synthesis of Resveratrol Layered Iron Oxide Nanoparticles and Its In-Vitro Studies	Dr. Ram Kulkarni
19	19040342019	Sneha Bose	To Study the influence of Bacteriophages on Survival, Activation and Phagocytic activity of Macrophages	Dr. Selvan Ravindran
20	19040342020	Tanu Dixit	Effects of glycation and AGEs on macrophages in the presence of aldosterone	Dr. Selvan Ravindran
21	19040342021	Tanya Mahajan	Combined immunomodulating effects of heat treated dietary fats and curcumin on mammalian macrophages	Dr. Santosh Koratkar

22	19040342022	Tiwari Akash Vedprakash	Wnt-signalling mediated regulation of SATB1, β -catenin and their downstream targets in regulatory T cells	Dr. Selvan Ravindran
23	19040342023	Rohan Sanjay Waghmare	Isolation and characterization of exopolysaccharides produced by <i>Leuconostoc mesenteroides</i>	Dr. Neetu Mishra
24	19040342024	Zambre Sae Ganesh	Analysis of glycosidically bound volatiles in Indian mangoes	Dr. Bishnudeo Roy (Co-Guide-Dr. Rashmi Tupe)
25	19040342025	Reema Ravinder Chatha	Characterization of a glucansucrase and a fructansucrase from lactic acid bacteria isolated from Indian Foods	Dr. Bishnudeo Roy (Co-Guide-Dr. Ram Kulkarni)

SYMBIOSIS SCHOOL OF BIOLOGICAL SCIENCES (SSBS)**PROJECT REPORT-BATCH- 2019-21 (M.Sc. Nutrition Dietetics)**

Sr. No.	PRN	Student Name	Project: Title	Name of Guide
1	19040343001	Asmita Ashwani Jotshi	Association between household food security and dietary diversity of preschool children in the COVID- 19 pandemic.	Dr Kavitha Menon
2	19040343002	Azad Zainab Abizer	Factors affecting breast feeding patterns in Covid – 19 pandemic.	Dr Arti Muley
3	19040343003	Rupali Umesh Bawdekar	Assessment of Dietary Intake and Physical Activity in Urban Women of Reproductive Age before and during CoViD- 19 Pandemic	Dr Kavitha Menon
4	19040343004	Bhosale Akshata Rajendra	Formulation of Multi millet and legume blend flour mix and assessment of its overall acceptability through various recipe formulations.	Mrs. Radhika Hedao
5	19040343005	Manali Chindarkar	Assessment of Genotype and Phenotype Characters of the Methylenetetrahydrofolate Reductase (MTHFR) Gene- A Retrospective Study	Dr. Srujana Medithi
6	19040343006	Pranita Pramod Chordiya	Exploring the trends of visual hunger among physically active and inactive young adults (18-29 years)	Dr Arti Muley
7	19040343007	Dimple Dalal	Assessment of Knowledge, Attitude and Practices among Nutritionists and Dietitians on Functional Foods – Ashwagandha, Soursop and Black Garlic	Dr. Srujana Medithi
8	19040343008	Disha Sanjaykumar Doshi	The impact of COVID' 19 pandemic on availability, accessibility, and consumption of tomato and tomato products	Dr Kavitha Menon
9	19040343009	Emi Baby Koshy	Impact of Covid-19 Lockdown on Dietary Pattern of Middle-Aged Men from South Kerala	Dr Kavitha Menon

10	19040343010	Gurleen Kaur Chauhan	A retrospective study to assess the genotype and the phenotype characters of the VDR FokI, BsmI and TaqI polymorphisms in Indian population	Dr. Srujana Medithi
11	19040343011	Jahnavi Paragchandra Chauhan	Relationship Between Social Media Usage and Food Preferences Among Youth During Pandemic	Mrs. Radhika Hedao
12	19040343012	Joshi Animish Raghavendra	Impact of lockdown during COVID-19 pandemic on mental health and nutritional status of IT professionals.	Dr Arti Muley
13	19040343013	Karachiwala Aamena Firoz	Formulation of a nutritious, low caloric ice-cream using functional ingredients and assessment of its sensory acceptability and nutritive value.	Mrs. Radhika Hedao
14	19040343014	Keluskar Nirmithi Jaywant	Effects of different fasting patterns on stress levels & food choices among adult population.	Dr Arti Muley
15	19040343015	Keluskar Shruti Shashikant Sneha	Impact of Covid-19 Lockdown On Dietary Pattern and Food Security On Young Urban Adult Males	Dr Kavitha Menon
16	19040343016	Vibhav Kondwilkar	Evaluating Quality of life of Type 2 diabetes patients.	Dr Arti Muley and Ms Aditi Karle (Co-guide)
17	19040343017	Mahanta Shruti Manoj	Effect of Stress and Dietary Patterns on symptoms of Irritable Bowel Syndrome (IBS) among Adults of Mumbai city.	Dr Arti Muley
18	19040343018	Mankad Margi Dhaval	The role of hedonic hunger on snacking behaviour among youth population in Vadodara, Gujarat	Ms. Devaki Gokhale
19	19040343019	Mary Raju	Dietitians' and Nutritionists' Knowledge and Perception of Nutritional Genomics in Weight Management	Dr. Srujana Medithi
20	19040343020	Maryam Afifa	Use of Immune Boosting Products Among North Goan Adults during COVID-19 pandemic	Dr Kavitha Menon

21	19040343021	Krishna Suresh Mesta	Retrospective Study to Assess the Genotype and the Phenotype Characters of IL-6 And TNF-Alpha Genes in the Indian Population	Dr. Srujana Medithi
22	19040343022	Mulchandani Aanchal Deepak	“Pre- and Post-treatment impact of Fixed Orthodontic braces on Dietary habits and Body composition among 10 – 20 years old.”	Ms. Devaki Gokhale
23	19040343023	Nandini Sharma	Anthropometry and Dietary Assessment of PCOS and NON-PCOS women in Delhi	Ms. Devaki Gokhale
24	19040343024	Pankhuri Purnima	Knowledge, Attitude and Practices regarding Breastfeeding among Urban Lactating Mothers.	Dr Arti Muley
25	19040343025	Pruthvi Parekh	Nutritional knowledge, attitudes, and practice towards breast cancer prevention among the female population of Surat district.	Dr Arti Muley
26	19040343026	Hemali Khushaldas Ramchandani	Assessment of Knowledge, Attitude and Practice of Veganism among Adults in Mumbai	Dr Kavitha Menon
27	19040343027	Reevika Khurana	The impact of COVID-19pandemic on eating behavior of young adults in Uttar Pradesh	Ms. Devaki Gokhale
28	19040343028	Rhea Monga	‘Association between menstrual irregularities and dietary intake among adult women in Delhi’	Ms. Devaki Gokhale
29	19040343029	Sarah Gaur	The effect of diet quality on the mental health of youngsters during the COVID-19 lockdown	Ms. Devaki Gokhale
30	19040343030	Sarvani Palle	“The role of various factors on the Food Preferences of School Children in Bengaluru”	Ms. Devaki Gokhale
31	19040343031	Shah Shweta Rajendra	Formulation of a Prebiotic Dark Chocolate and assessment of its sensory acceptability and nutritive value.	Mrs. Radhika Hedao

32	19040343032	Shapariya Prarthana Manoj	Assessment of factors responsible for obesity in night shift working professionals	Dr. Srujana Medithi
33	19040343033	Shayonika Shaw	Determinants of Food Insecurity Among Pre School Children (3-6 Years) During COVID 19 Pandemic	Dr. Kavitha Menon
34	19040343034	Shetgaunker Shriya Umesh	To understand the Knowledge and Attitudes towards adopting Personalized Nutrition among general population	Mrs. Radhika Hedao
35	19040343035	Shetty Pratiksha Shantiraj	Relationship Between Academic Stress and Emotional Eating Among Adolescents During Covid-19 Pandemic.	Mrs. Radhika Hedao
36	19040343037	Riya Chandrashekar Sugandhi	Development of a snack bar using functional ingredients and assessment of its overall acceptability	Mrs. Radhika Hedao
37	19040343038	D Swarna Aadhya	The role of dietary sources of melatonin on sleep quality among youth population	Ms. Devaki Gokhale
38	19040343039	Syeda Ayesha Siddiqua	“Prevalence of Orthorexia Nervosa among selected Indian Weight Sensitive Sport Athletes, Gym-goers and Nutritionists.”	Mrs. Radhika Hedao
39	19040343040	Trivedi Maitri Sanjay	Effects of Junk/Food Consumption on Sleepiness-Alertness of Obese and Non-Obese Young Adult Urban Men	Dr Kavitha Menon
40	19040343041	Vanamala Keerthi	Role of Human Leptin Receptor Gene Polymorphism and Impact of Leptin on Reproductive Hormones on the Onset of Polycystic Ovarian Syndrome	Dr. Srujana Medithi
41	19040343042	Vira Maitri Rajesh	Assessment of the knowledge and practices related with food safety among food business operators during Covid-19 pandemic	Mrs. Radhika Hedao