

SYMBIOSIS SCHOOL OF BIOLOGICAL SCIENCES (SSBS)
PROJECT REPORT BATCH -2018-20 (M.Sc. Biotechnology)

Sr. No.	PRN No.	Name of Student	Project: Title	Name of Guide
1	18040342001	Andrea Diana Lewis	Isolation and Partial Characterization of Exopolysaccharides from Five Unique Isolates of <i>Pediococcus acidilactici</i>	Dr. Bishnudeo Roy, Assistant Professor, Dr. Ram Kulkarni, Asso. Prof, SSBS
2	18040342002	Armaan Mistry Nalini	Isolation and partial characterization of exopolysaccharides isolated from <i>Leuconostoc mesenteroides</i> strains	Dr. Bishnudeo Roy, Assistant Professor, Dr. Ram Kulkarni, Asso. Prof, SSBS
3	18040342003	Benita Bijapur	Chemical Signaling in brinjal upon frugivorous insect attack	Dr. Sagar S. Pandit, Associate Professor, IISER, Pune
4	18040342004	Berawala Nikita Manoj Kshitija	"Biological Treatment of Automobile Service Center Effluent using Lipase and Biosurfactant Producing Microbial Consortium"	Dr. Pooja Singh, (DST Woman Scientist), Dr. Yogesh Patil, Prof-Head- Research Publication, SIU
5	18040342005	Bhagyashree Tukaram Patil	Analysis of interactions of Salmonella bacteriophages with disinfectants and antibiotics to be a phage-based product	Dr. Santosh Koratkar, Assistant professor, SSBS
6	18040342006	Bhanderi Trupti Jamanbhai	A database of gene and protein expression studies for psychiatric disorders in humans	Dr. Satyajeet Khare, Assistant Professor, SSBS
7	18040342007	Chitnis Akhilesh Prafulla	<i>Elaeagnus latifolia</i> : Role in ecosystem restoration and improving the soil nutrient composition of slash and burnt areas of Western Ghats	Dr. Sagar S. Pandit, Associate Professor, IISER, Pune
8	18040342008	Desai Vedika Ramesh	Cloning and recombinant expression of β -glucosidase from <i>Lactobacillus plantarum</i> in <i>E. coli</i>	Dr. Ram Kulkarni, Asso. Prof, SSBS

9	18040342009	Dubey RachnaShobhnath Sandhya	Study the distribution of Antimicrobial Resistance pattern of selected genera across India	Dr. Yogesh Shouche (Research Supervisor), Principal Investigator, National Centre for Microbial Resource, (NCMR- NCCS, Pune)
10	18040342010	G T Susivadani	A Study on Multifunctional Nanoparticles Enabled Biosensing Platform for Simultaneous Capture and Sensitive Detection	Dr. D. Selvakumar, Scientist 'F' Defence Bioengineering and Electromedical Laboratory (DEBEL) (DRDO) Ministry of Defence, Bengaluru - 560093
11	18040342011	Gaigore Anushree	An in vitro study to understand the regulation of non-enriched hematopoietic stem cells using primed mesenchymal stromal cells	Dr. Anuradha Vaidya, Deputy Director & Associate Professor, SSBS
12	18040342014	Jacques Avril Queenie	Transesterification of non-edible oil to biodiesel by using lipase from Aspergillus niger 1269	Dr. Nutan Mhetras (Research Associate)
13	18040342015	Jacques Eden	Optimization of Growth Conditions of Anaerobic Bacteria Isolated from Clinical Samples	Dr. Om Prakash Sharma, Scientist D, National Centre for Microbial Resource, NCCS, Pune
14	18040342016	Joyleen Maryann Fernandes	Adaptive evolution of Lactobacillus plantarum to develop tolerance towards furfural and 5-hydroxymethylfurfural	Dr. Ram Kulkarni, Associate Professor, SSBS
15	18040342017	Kulkarni Ajinkya Sanjay	Biosynthesis of Calcium oxide nanostructures coated with Vitamin D3 and its In-vitro studies	Dr. Selvan Ravindran, Asso. Prof, SSBS
16	18040342018	Kulkarni Himani Suresh	Synthesis of iron oxide nanoparticles coated with silymarin & its in vitro studies	Dr. Selvan Ravindran, Asso. Prof, SSBS
17	18040342019	Kumbhar Rohit Sunil	Analysis of influence of respiratory growth on volatile metabolites produced by Lactobacillus plantarum during milk fermentation.	Dr. Ram Kulkarni, Associate Professor, SSBS
18	18040342020	Miri Machchhar	Role of pesticides in the antimicrobial resistance of Listeria monocytogenes	Dr. Sunill Saroj, Asso. Prof. SSBS
19	18040342021	Muskan Rajkumar Thakur	Enzyme inhibition kinetics of selected plant extracts on lipase from Malassezia furfur and identification of genes encoded for lipase activity	Dr. Neetu Mishra, Asso. Prof. Dr. Nutan Mhetras, Research Asso. SSBS

20	18040342022	Oza Vishnu Jitendra	Synthesis and characterization of zinc oxide nanostructures (ZnO) layered with vitamin A and its In Vitro studies	Dr.Selvan Ravindran, Asso. Prof, SSBS
21	18040342023	Pankhudi Vijay Bhutada	Analysis of interactions of isolated Escherichia coli bacteriophage with disinfectants and antibiotics to be a phage-based product	Dr. Santosh Koratkar ,Assistant professor, SSBS
22	18040342024	Parin Vimalkumar Vyas	Identification of hub genes associated with schizophrenia using Weighted Gene Co-expression Network Analysis	Dr.Satyajeet Khare, Assistant Professor, SSBS
23	18040342025	Patil Shivani Sunil	'To Study Microbiome and Antimicrobial Resistance Pattern in Microbiota of Cloacal samples of Passerines using 16S rRNA Gene Sequencing'	Dr. Yogesh Shouche (Research Supervisor),Principal Investigator,National Centre for Microbial Resource,(NCMR- NCCS, Pune)
24	18040342026	PrabhuSinariGaurang Mahesh	Recovery of metal resource from electronic waste using a novel chemical-biological system	Dr. Yogesh Patil, Professor& Head – Research & Publications, SIU,Dr. Nilishaltankar, SIT
25	18040342028	Shreya Mishra	Role of Polyamines in Pathogenesis of Streptococcus pyogenes	Dr. Sunil Saroj, Associate professor, SSBS
26	18040342029	Shweta Gulia	Development of Novel Waste Bio-Mass Based Sorbing Film for Smog Removal	Dr. Yogesh Patil,Professor& Head – Research & Publications, SIU,Dr. Nilishaltankar, SIT
27	18040342030	Surabhi Agarwal	"Mechanistic studies with a novel Phospho-dendrimer in Glioblastoma cells"	D.P Mishra , PhD.,Senior Principal Scientist,Cell Death Research Laboratory,CSRI-Central Drug Research Institute
28	18040342031	Sushmita Joshi	"The mechanism and aggregation of protein TDP-43tRRM."	Dr. Santosh Kumar Jha Senior Scientist and Assistant Professor (AcSIR) Ms. Meenakshi Pillai Senior Research Fellow
29	18040342032	VaijanapurkarManaliSudhir	Comparative Study of Clostridium strains isolated from landfill leachate using polyphasic approach	Dr. Om Prakash Sharma, Scientist D, National Centre for Microbial Resource, NCCS, Pune

SYMBIOSIS SCHOOL OF BIOLOGICAL SCIENCES (SSBS)
PROJECT REPORT BATCH -2018-20 (M.Sc. Nutrition & Dietetics)

Sr. No.	PRN	Name of Student	Project: Title	Name of Guide
1	18040343002	Ayesha Chakraborty	Development of cookies using germinated fenugreek seed flour and psyllium husk and assessment of its overall acceptability	Mrs. Radhika Hedao, Assistant Professor
2	18040343003	Aditi Anil Borhade	Role of quorum sensing in Salmonella Typhimurium for its survival on sprouts	Dr. Sunil Saroj, Associate Professor, SSBS
3	18040343004	Chitra Lekhwar	Screen time and its relation to the intake of Beverages, Physical Activity and Body mass composition	Dr. Maithili Paranjpe, Assistant Professor, SSBS
4	18040343005	Crasto Charmaine	A retrospective study correlating the genotype and the phenotype characters of the PPARG gene in the Indian population	Dr. Maithili Paranjpe, Assistant Professor, SSBS & Dr. Amol Raut, geneOmbio Technologies Pvt. Ltd. in collaboration
5	18040343006	Dhanshree Bagaddeo	Impact of day and night shift working pattern on the nutritional status of adults	Dr. Arti Muley, Assistant Professor, SSBS
6	18040343007	Divya B.	Impact of Dietary Diversity on the Nutritional Status of Preschool Children (3 – 6 years)	Dr. Kavitha Menon, Professor, SSBS
7	18040343008	Guneet Kaur Pental	Development of a healthy rusk biscuit and assessment its overall acceptability	Mrs. Radhika Hedao, Assistant Professor, SSBS
8	18040343009	Kalaivani D	Impact of different menu nutrition labelling formats in mid-range restaurants on customer food choices guiding product reformulation	Mrs. Radhika Hedao, Asst. Professor, SSBS & Chef. Sarvesh Jadhav Hospitality manager, UEI Global Hotel Management Institute
9	18040343010	Kandarpa Rajendrasinh Makwana	Formulation of Ready-To-Cook Gravy using functional ingredient and assessment of its overall acceptability	Mrs. Radhika Hedao, Assistant Professor, SSBS

10	18040343012	Kothari Nisha Mahendra	Nutritional Status, Body Composition, Stress levels and Body Fitness Levels of Bharatanatyam Dancers & Non-Dancers: A Case Control Study	Dr.Kavitha Menon, Professor, SSBS & Sneha Mujumdar, JRF SSBS
11	18040343013	Kunte Ashlesha Ajay	Cross sectional study to assess food craving in Type II diabetic individuals after transition phase from traditional diabetic diet to vegan diet	Dr. Maithili Paranjpe, Assistant Professor, SSBS
12	18040343014	Lopamudra Saha	Assessment of nutritional status and dietary pattern of adolescents (10-15 years) depending on the frequency of canteen visit in a school with canteen facility	Dr.Arti Muley, Asst. Prof. SSBS
13	18040343015	Mekha U Prabhu	Association of Pre-Menstrual Syndrome on Nutritional status, Hygiene and Dietary preferences of Teenage girls (12-18 years) in Ernakulam city, Kerala”	Dr.Arti Muley, Asst. Prof. SSBS
14	18040343016	Nair Akhila Ramachandran	Nutritional Quality of Foods Served in School Canteens of Pune City	Dr.Kavitha Menon, Professor, SSBS
15	18040343017	Pariki Nithin	To evaluate the effect of mouth rinses on Indian middle distance runners	Dr. Maithili Paranjpe, Assistant Professor, SSBS
16	18040343018	Chougule Padma Sheetal	Oral Health and Its Effect on Nutritional Status in Elderly among villages of Mulshi Taluka	Ms. Devaki Gokhale, Asst. Prof, SSBS
17	18040343019	Pandya Keshvi Mayank	Effect of visual hunger on the nutritional status of young adults (18-25 years)	Dr.Arti Muley, Asst. Prof. SSBS
18	18040343020	Patel Charmi Rajkishor	Development of vegan food spread and assessment of its overall acceptability and evaluation of its quality	Mrs. Radhika Hedaoo, Assistant Professor & Pooja Deshpande, Teaching Asst, SSBS
19	18040343021	Patil Shraddha Dnyandeo	Determinants of HFSS food Consumption among Preschool Age Children from Urban Slums of Pune.	Dr.Kavitha Menon, Prof, SSBS & Rupali Waghode
20	18040343022	Payal Banerjee	To compare the pattern of eating disorders and menstrual function among young female exercisers and non exercisers	Dr. Maithili Paranjpe, Assistant Professor, SSBS

21	18040343023	Priyanka Pugalia	“Formulation of Moringa biscuits and assessment of it overall acceptability	Mrs. Radhika Hedao, Assistant Professor & Pooja Deshpande, Teaching Asst, SSBS
22	18040343025	Rashmi Ray	Formulation of Guava Fudge and assessment of its overall acceptability	Mrs. Radhika Hedao, Assistant Professor & Dr. Arti Muley, Asst. Prof. SSBS
23	18040343026	Redij Sameeksha Sanjay	Food Insecurity among Women of Reproductive Age in South Asian Countries – A Narrative Review	Dr. Kavitha Menon, Prof. SSBS
24	18040343027	Roopan Miriam George	Nutritional status assessment of children in Pune and its association with antisocial behaviour and intelligence quotient	Ms. Devaki Gokhale, Asst. Prof SSBS
25	18040343028	Rukshara Rathore	Comparison of nutritional status, adequacy and cheat meal consumption pattern among recreational adult athletes with vegetarian and non-vegetarian dietary pattern	Dr. Maithili Paranjpe, Assistant Professor, SSBS & Dr. Malhar Ganla, Freedom from Diabetes Clinic, Pune
26	18040343029	Sharma Geetadevi Rajnarayan	A retrospective study correlating the genotype and the phenotype characters of the FTO gene in Indian population	Dr. Maithili Paranjpe, Assistant Professor, SSBS & Dr. Amol Raut, geneOmbio Technologies Pvt. Ltd. in collaboration
27	18040343030	Shashikala Tiwari	Nutrition Status, Physical Activity and Attention Span in College Students of Symbiosis International Deemed University	Ms. Devaki Gokhale, Asst. Prof SSBS
28	18040343031	Shirgaonkar Yutika Rajan	Perceived stress and depression: its prevalence and effect on nutritional status and food choices among young adults (18-25 years)	Dr. Arti Muley, Asst. Prof. SSBS
29	18040343033	Smruti Venkat Raja	Association of nutritional status of pregnant women to birth weight of the neonate	Ms. Devaki Gokhale, Asst. Prof SSBS
30	18040343034	Bhumika Miralkumar Gajjar	Effect of Pesticides on Biofilm formation of Listeria monocytogenes	Dr. Sunil Saroj, Associate professor, SSBS
31	18040343037	Sutar Ruchita Nathuram	Association of sleep and nutritional status among college students of Symbiosis International Deemed University	Ms. Devaki Gokhale, Asst. Prof SSBS

32	18040343038	Travasso Swezel Elsa	Assessment of Body Measurements Changes in Type 2 Diabetic Individuals after a Transition from a Traditional Diabetic Diet to a Vegan Diet	Dr.Maithili Paranjpe, Asst. Prof, SSBS
33	18040343039	Vedika Agarwal	Assessment of hypertension screening using blood pressure to height ratio among urban adolescents of Hyderabad	Dr. Mansi Patil, Clinical dietitian, Committee Member, Women in Hypertension, ISH, London & Mrs. Radhika Hedao, Assistant Professor