

Biotechnology Major projects list 2017-18

S.NO	NAME OF THE STUDENT	TITLE OF THE PROJECT	IN HOUSE / INDUSTRY
1	P. Vinoth	Impact of wound healing pathogens on fish muscle tissue and repair mechanism	In house
	P. Manish Kumar		
2	N.Rajalekshmi	Development of herd immunity against bacterial pathogens using fish models	In house
	W.Emy Florence		
3	G. Punitha	Enhancement in biodiesel production using waste cooking oil using heterogeneous catalyst in the presence of ultrasonic waves.	In house
	D. Charumathi		
4	R. Tharani	Removal of sulphur from solid fuel using microbial froth floatation method	In house
	G.Jayashri		
5	J. Naveena	Isolation and Characterization of Marine microbes for Crude oil degradation	In house
	T. Murugeswari		
6	M. Kajendran	Isolation and Characterization of Rhizosphere microbes for plastic degradation	In house
	D. Sathish Kumar		
7	R. Karthick Kumar	Identifying and analyzing natural extracts for isolated dandruff causing fungi	In house
	R. Aravindh		
8	S.Arthi	In-vitro and in-silico anticancer activity of plant extracts.	In house
	B.Sudarmathi		
9	K.Keerthana	Screening of bioactive compounds from Morinda tinctoria leaf extracts.	In house
	T.Niranjana		
10	C.Sindhudevi	Screening of compounds with insecticidal activity from different plant sources.	In house
	G. Dharanyaa		
11	G.Subashini	Biodiesel production from Jatropha Seeds	In house
	S. Vimala merlin		
12	S.S. Balaji	Comparative study of synthesis and characterization of silver nano-particles using bacteria and Fungi	In house
13	R. Bhagya Shree	Production of Probiotic as anti-ulcer drugs using probiotic bacteria Isolated from Infants in south India	In house
	Trupti Borole		

14	H. Nishanthini	Remedial Solutions For Skin Diseases From Traditional Plant Based Knowledge	In house
	A.D. Anitha		
15	S.Reena	Bio ethanol production from Delonix regia pod	In house
	S.Gayethri		
16	R.Priyanka	Immunomodulatory activity of probiotics isolated from milk sources	In house
	H.Harini		
17	J. Vidhya lakshmi	Synthesis and characterization of silver nanoparticle from plant sources	In house
	K. Radhika		

Biotechnology Mini projects 2017-18

S.NO	NAME OF THE STUDENT	TITLE OF THE PROJECT	IN HOUSE / INDUSTRY
1	Aparna.s	Microbial production for enhancement of plant growth	In house
	Nithica.S		
	Aswini.PR		
2	Charumathi.s	Multiplication of plant cell using panchakavya	In house
	Naga vasudha.R		
3	Devi subha shree.S	Production of biodiesel	In house
	Dharshini Ravi.R		
	Nandhini.M		
4	Banu priya.D	Screening and characterization of pigment producing bacteria	In house
	Anusuya.M		
	Jerin joshna. J		
5	J.Priyadharshini	Extraction of lavender oil to cure Insommia	In house
	K.Gayathri		
6	Genesha.VK	Extraction & seperation of pigment by TLC & column chromatography	In house
	Prathinisha prabhakar		
7	Keerthana.S	Pigment extraction from microorganism	In house
	Sowmiya.V		
8	Pavithra.Y	Bioethanol from potato	In house
	S.Suganya		
9	Hooreen.D	Air treatment using various extract	In house
	Subashini.S		
10	Manoritha.G	Medicinal properties of Aloevera	In house
	Gayathri.S		
11	K.M.Praveen	Bioethanol production from sugarcane waste	In house
	M.Raghunath		
12	G.Navaraj	Analysis of bioactive compounds in medicinal plant	In house

	P.S.Padmanabhan		
13	S.Abirami	Production of biodiesel from algae	In house
	T.Sindya		
	S.Srinidhi		
14	Hemamalini	Analysis of methanogens and extraction of methane biologically	In house
	Yuktha.S. shreenivasav		
15	Rajeshwar.R	Nutrient medium preparation from rice, vegetable, fruit & milk protein	In house
	Vikram.R		
	Naveen kumar.K		
16	Suriya Daisy.A	Isolation and identification of microorganism from milk sample.	In house
	Sruthi .R		
	Dharshini.G		
17	Arpitha	Extraction of anti-aging component from custard apple	In house
	Aswini		
	Kiruthiga.S		
18	Keerthika.B	Extraction of Antioxidant from pomogrante	In house
	Aishwarya.R		
19	Murfath yasin	Production og biofuel from plastics	In house
	Divya.D		
	Dharini.S		
20	Deepika.P	Syntythesis of activated carbon from organic waste	In house
	Ramya .C.S		
21	Padma .G	Testing the soil and water sample from paddy field	In house
	Yamini.C		
	Navarasi.N.R		
22	Ayeshathul jahana	Wound healing potential of cashew apple.	In house
	Swathi.C		
23	Mahalakshmi.R	Extraction of protein from food sample	In house

	Bhavadharini.R		
	Sabarilakshmi		
24	M.Maniraj	Production of Anti diabetic candy	In house
	K.Maniraj		
25	Pavithra.D	Microbial fuel cell	In house
	Lakshmi.T		
26	Anitha	Impact of wound healing pathogens on fish tissue and repair mechanism	In house
	Arithi		
	Gayathri		
27	Niranjana	Extraction of aroma compounds and flavor from varous sources	In house
	Keerthana		
	Sindhu Devi		
28	Jayashree	Enriched clour panner from fruits and vegetables	In house
	Tharini.R		
29	T.Murugeswari	Isolation of pigments from fruits and vegetables	In house
	J.Naveena		
30	Anitha .A.D	Study on molecular targets of ebola virus	In house
	Arthi .S		
	Gayethri .S		
31	Balaji .S.S	Evolutionary analysis on rat, mice, pig , gorilla and human using sequence divergence	In house
32	Bhagya Shree .R	Molecular interaction of lead molecules with myocardium receptor.	In house
	Dharanyaa .G		
	Trupti Omkar Borole		
33	Emy Florence .W	Comparative genomics of Pseudomonas species.	In house
	Rajalekshmi .N		
34	Priyanka .R	Evolutionary analysis on porphyromonos gingivalis.	In house
	Harini .H		
	Nishanthini .H		

35	Jayashri .G	Evolutionary analysis on Mammoth	In house
	Keerthana .K		
	Niranjana .T		
36	Karthick Kumar .R	Evolutionary analysis on the two host life cycle adaptation of mosquito	In house
37	Manish Kumar .P	Study on molecular evolution of rabbit and hyrax	In house
	Vinoth .P		
38	Murugeswari .T	Comparative genome analysis and structure annotation of Solanum tuberosum	In house
	Naveena .J		
	Tharani .R		
39	Punitha .G	Study on structure of lactate dehydrogenase	In house
	Charumathy .B		
40	Vidhyalakshmi .J	Analysis on inhibition of aromatase using molecular docking.	In house
	Radhika .K		
41	Sathish Kumar .D	Molecular interaction of glutamic acid decarboxylase	In house
	Kajendran .M		
	Aravindh .R		
42	Sindhudevi .C	Molecular docking for inhibiting Rhabdovirus carpio	In house
	Subashini .G		
	Sudarmathi .N		
43	Vimala Marlin Subburathinam	Designing lead molecule for Tay sachs disease	In house
44	Yukthasrinivasan,	Silver nanoparticles for the treatment of jaundice	In house
	Priyadarshini.J		
45	Hemamalini,	Formation of biomanure from agro waste	In house
	Subashin,		
	Jerinjoshna		
46	Hooren.D,Keerthana.S, V.Sowmiya,	Green synthesis of magnesium oxide nanoparticles from red spinach	In house
47	S.Gayathri	Biodegradation of oil spills by efficient bacteria	In house

	Manoritha.G		
48	S.Abirami	Mosquito repellent from essential oils of plectranthusamboinicus	In house
	T.Sindya		
49	R.Nagavasudha	Synthesis of nanoparticles from antifungal traditional plants to develop a sun screen lotion	In house
	S.Charumathi		
50	D.Babupriya	Production of spirulina from waste water	In house
	k.Gayathri		
	M.Nandhini		
51	M.Ragunath	Methane production from waste vegetables and fruits.	In house
	K.M.Praveen		
52	Y.Pavithra	Synthesis of Cyclosporin eye drops	In house
	S.Suganya		
53	Prathinishaprabhakar	Isolation pectin from raw papaya	In house
	Genesha.V.K		
	Aswini		
54	S.Nithica	Nutrient analysis from sweet lime Delonix regiapods	In house
	S.Aparna		
55	Devi subhasree.S	Addition of nanoparticles to the oil to reduce fat.	In house
	DaharshiniRavi.R		
	Anushya.M		
56	Navaraj.G	Analysis of bioactive compounds in medicinal plant	In house
	Padmanabhan.P.S		
57	Lakshmi.T	Characterization of different types of antigen and analyze their efficient	In house
	Pavithra.D		
58	Ramya.C.S	Isolation and screening of immune stimulant potential of chosen plant	In house
	Deepika.P		
59	Swathi.C	Separation of proteins from leather effluent using aqueous two-phase extraction	In house
	Ayeshathuljehana.A		

60	Divya.D	Determination of pesticide accumulation in various vegetables and fruits purchased at local shops	In house
	Dharani.S		
	Dharshini.G		
61	Suriyadaisy.A	Comparative evolutionary analysis on lepi – doptera family of insect	In house
	Mahalakshmi.k		
62	SangeethaLakshmi.P	Identification of bioactive compounds in phyllanthusamarus	In house
	Kiruthika.B		
63	R.Vikram	Green synthesis of silver nanoparticles from ocintum sanctum.	In house
	K.Maniraj		
64	Navarasi.N.R	Study of antimicrobial activity of nanoparticles against microbial strains	In house
	Yamini.C		
65	Aishwarya.R	Assessment of pollution tolerance index in plants located in industrial areas.	In house
	Sabarilakshmi.		
66	Naveenkumar.K	Nutrient medium formulation from Agro waste	In house
	Rajeshwar.R		
	Vikram.R		
67	MurfathYasin.K	Screening of plant products and their traditional preparations for infertility and hormone related problems	In house
	Bavadharani.R		
	Sruthi.R		
68	Srinivasan.N	Production of antidiabetic candy from traditional plant sources	In house
	M.Maniraj		
	K.Maniraj		
69	Purushothaman.S	Antiseptic and antifungal production from traditional plant sources	In house
	Harirajkiran.G		
70	Ashwini.S.S	Formulation of natural deharding agent	In house
	Kiruthika.S		
71	Shamili.J	Comparison and estimation of protein loss	In house
	Srividhya.V		