

Research projects

Academic Year	Student Name	Program	Title	Department
2019-20	P.L.Soujanya	MSC	Fermentation studies of Coconut water and its fortification using Lactobacillus sp.	Microbiology
2019-20	Niharika Bohini	MSC	Product recovery of antifungal substance produced by Pseudomonas sps	Microbiology
2019-20	Gaddam Srinivasan Sneha	MSC	Microbial Analysis of Coconut water and its nutritional impact on microbial growth	Microbiology
2019-20	Poonam Pandey		A systematic review of empirical evidence of kombucha tea on health benefits	Microbiology
2019-20	C.Sravya Savithri		Antibacterial and Antifungal Activity of Green Synthesized Silver ,	Microbiology

			Nanoparticles from Selected Plant Leaf Extracts.	
2019-20	Adavally Pravallika		Isolation and identification of microorganisms from kefir	
2019-20	P.Prathyusha		Studies on dextran sucrose production by yeast	
2019-20	V Sai Krishna		Comparative Study on the Effects Of Natural and Chemical Preservatives on Homemade Fruit juices	
2019-20	J.Geethika		Characterization of antifungal compound extracted from bacteria supernatant	
2019-20	Ch.Supraja		An Approach On The Potential Use Of Probiotics In The Treatment Of Skin Acne and Photoaging	
2019-20	M Kavya		Isolation and extraction of Exopolysaccharide layer produced by	

			Rhizobium sps isolated from root nodules of Arachis hypogaea (Groundnut) and Trigonella foenum-graceum (methi)	
2019-20	P.N.L.Sri Lalitha		Antibiofilm activity of selected plant extracts on multispecies biofilms isolated from solid sewage waste (sludge)	
2019-20	B.Bindu		Studies on indigenous siderophore producing bacteria	
2019-20	Mahima Dhurka		Isolation identification and characterization of bacteria producing antifungal activity	
2019-20	Sushmita Roy		Sustainable utilisation of biowaste towards the synthesis of handmade paper and their applications	

2019-20	Bushra Akbari		Isolation and characterization of competent bacterial endophytes from wheat roots	
2019-20	Praveen Kumar		Antibacterial and Antifungal Activity of Green Synthesized Silver Nanoparticles from Selected Plant Leaf Extracts	
2019-20	MA Zameer		Isolation, identification, potential probiotic characterization of probiotic organisms isolated from different fermented foods	
2019-20	N.Shanti priya		Extraction and partial purification of antifungal compound from Streptomyces species to combat Fusarium and Pythium species	

2019-20	Ch.Pravalika		Inhibition of bacterial biofilms isolated from spoiled milk sample by plant extracts	
2019-20	J.Aishwarya		Screening And Extraction Of Bromelain Enzyme From Pineapple Pulp And Its Proteolytic Activity On Gingivitis Causing Pathogens	
2019-20	G.Akshaya		Evaluation of fruit waste and vegetables waste for mass production of Rhizobium sps isolated from root nodules	
2019-20	K.Shirisha		Antibacterial and Antifungal activity of green synthesized silver nanoparticles using IXora coccinea (jungle flame) and Phyllanthus emblica Amla	
	Bekkam		Synthesis of	

	Pravallika		silver nanoparticles biofabricated with antifungal substance	
2019-20	K.Madhuri		Studies on dextransucrase production by lactic acid bacteria	
2019-20	CH Narayana Swamy		Isolation and Characterization of Competent Bacterial Endophytes from the Tomato Roots	
2019-20	T.Sreeja		Studies on the effect of drought stress on Indole acetic acid (IAA) producing ability of Plant growth promoting Rhizobacteria (PGPR)	
2019-20	Vaishnavi Yadav		Screening and isolation of biosurfactant producing microorganisms from contaminated soil	
2019-20	V.Sunitha		Sustainable utilisation of biowaste	

			towards green synthesis of bioplastic and their applications	
2019-20	S.Om Murthy		Exoenzymes produced by the Rhizobium sps isolated from root nodules of Arachis hypogaeae and Trigonella foenum-graecum	
2019-20	K.Vanita		Isolation of IAA secreting bacterial from various rhizospheric soils and exploration of their PGPR properties	
2019-20	G. Sai Trishala		Isolation and characterization of competent bacterial endophytes from maize roots	
2019-20	T.Bhavya		Biochemical characterization and Isolation of Rhizobium sps isolated from root nodules of Arachis	

			hypogaeae and Trigonella foenum-graecum	
2019-2020	Y.Abhishek		Screening and characterization of fungal biosurfactant producers	
2019-20	Sai Tarun		Screening of Inulinase producing bacteria from diverse sources	

S,No	Academic year	Student Name	Program	Title	Department
1.	2019-20	BakkiMeghana	BTGC III	Isolation of different products in soft drinks, health drinks	Chemistry
2.	2019-20	D.Rajashree	MBiC III	Isolation of different products in soft drinks, health drinks	Chemistry
3.	2019-20	Sakshi Jain	MBiC III	Isolation of different products in soft drinks, health drinks	Chemistry
4.	2019-20	S.Namratha,	MGC II	Isolation of different products in soft drinks, health drinks	Chemistry
5.	2019-20	LasyaPriya Joshi	BTGCIII	Analysis of water from different districts in Telangana& Andhra Pradesh	Chemistry
6.	2019-20	Shekinah Chebrole	BTGCIII	Analysis of water	Chemistry

				from different districts in Telangana & Andhra Pradesh	
7.	2019-20	YogitaShukla	BTGCIII	Analysis of water from different districts in Telangana & Andhra Pradesh	Chemistry
8.	2019-20	V.Jayalaxmi	MGC II	Analysis of water from different districts in Telangana & Andhra Pradesh	Chemistry
9.	2019-20	S.Varshinie	MGCII	Analysis of water from different districts in Telangana & Andhra Pradesh	Chemistry
10..	2019-20	SandhyaKumari	BTGCIII	Spectrophotometric determination of Iron in Vitamin tablets, identification of saturated and unsaturated organic compounds	Chemistry
11.	2019-20	KarunyaRajaram	MGCIII	Spectrophotometric determination of Iron in Vitamin tablets, identification of saturated and unsaturated organic compounds	Chemistry
12	2019-20	C.B.Harika	MGCII	Spectrophotometric determination of Iron in Vitamin tablets, identification of	Chemistry

				saturated and unsaturated organic compounds	
13	2019-20	Apoorva	MGC II	Spectrophotometric determination of Iron in Vitamin tablets, identification of saturated and unsaturated organic compounds	Chemistry
11.	2019-20	K.Karthikeya	MGC II	Microwave Assisted Synthesis other than Hydrolysis of Benzamide e.g: Aldol Condensation, Cannizaro's reaction	Chemistry
12.	2019-20	Aby John	MGCII	Microwave Assisted Synthesis other than Hydrolysis of Benzamide e.g: Aldol Condensation, Cannizaro's reaction	Chemistry
13.	2019-20	Tanya Sharma	MGCII	Microwave Assisted Synthesis other than Hydrolysis of Benzamide e.g: Aldol Condensation, Cannizaro's reaction	Chemistry
14,	2019-20	Harshavardhini	BTGCIII	Microwave Assisted Synthesis	Chemistry

				other than Hydrolysis of Benzamide e.g: Aldol Condensation, Cannizaro's reaction	
15.	2019-20	MadhuKameshwari P	BTGCIII	Microwave Assisted Synthesis other than Hydrolysis of Benzamide e.g: Aldol Condensation, Cannizaro's reaction	Chemistry
16	2019-20	SnehaDomnicXavier	BTGC III	Analysis of soil from Agricultural farms	Chemistry
17	2019-20	T.Gayathri	MGC II	Analysis of soil from Agricultural farms	Chemistry
18	2019-20	Shradha Das	MGCII	Analysis of soil from Agricultural farms	Chemistry
19	2019-20	PrahasArun	MGCII	Analysis of soil from Agricultural farms	Chemistry
20	2019-20	Sowjanya	MBiC III	Frequency distribution and Analysis of food adulterants from market samples	Interdepartmental (Chemistry, Statistics, Microbiology & Bioch
21	2019-20	S.Bhuvaneshwari	MBiC II	Frequency distribution and Analysis of food adulterants from market samples	Interdepartmental (Chemistry, Statistics, Microbiology & Biochemistry)
22	2019-20	P.Shanmukhi	MBiC II	Frequency	Interdepartmental

				distribution and Analysis of food adulterants from market samples	(Chemistry, Statistics, Microbiology & Biochemistry)
23	2019-20	Kanchan Singh	MBiC III	Frequency distribution and Analysis of food adulterants from market samples	Interdepartmental (Chemistry, Statistics, Microbiology & Biochemistry)
24	2019	M.SaiChitra	MBiC II	Frequency distribution and Analysis of food adulterants from market samples	Interdepartmental (Chemistry, Statistics, Microbiology & Biochemistry)
25	2019-20	Syed Amir	MBiC II	Frequency distribution and Analysis of food adulterants from market samples	Interdepartmental (Chemistry, Statistics, Microbiology & Biochemistry)
26	2019-20	Harshit Mishra	MBiC II	Frequency distribution and Analysis of food adulterants from market samples	Interdepartmental (Chemistry, Statistics, Microbiology & Biochemistry)
27	2019-20	JatinSirohi	MBiC III	Frequency distribution and Analysis of food adulterants from market samples	Interdepartmental (Chemistry, Statistics, Microbiology & Biochemistry)
28	2019-20	K.Geeta	MBiC III	Frequency distribution and Analysis of food adulterants from market samples	Interdepartmental (Chemistry, Statistics, Microbiology & Biochemistry)
29	2019-20	KorideManaswini	MBiC III	Frequency distribution and Analysis of food adulterants from market samples	Interdepartmental (Chemistry, Statistics, Microbiology & Biochemistry)

30	2019-20	Rachel E	MBiC III	Antimicrobial activity of Nanomaterials	Interdepartmental (Chemistry, Physics, Statistics, Microbiology, &Biochemistry)
31	2019-20	Swathi J	MGCII	Antimicrobial activity of Nanomaterials	Interdepartmental (Chemistry, Physics, Statistics, Microbiology, &Biochemistry)
32	2019-20	Risa	MGCIII	Antimicrobial activity of Nanomaterials	Interdepartmental (Chemistry, Physics, Statistics, Microbiology, &Biochemistry)
33	2019-20	G.Chaitanya	MGCII	Antimicrobial activity of Nanomaterials	Interdepartmental (Chemistry, Physics, Statistics, Microbiology, &Biochemistry)
34	2019-20	Richa	MBiCII	Antimicrobial activity of Nanomaterials	Interdepartmental (Chemistry, Physics, Statistics, Microbiology, &Biochemistry)
35	2019-20	S.Aishwarya	MGCII	Antimicrobial activity of Nanomaterials	Interdepartmental (Chemistry, Physics, Statistics, Microbiology, &Biochemistry)
36	2019-20	Megha	BTGCIII	Antimicrobial activity of Nanomaterials	Interdepartmental (Chemistry, Physics, Statistics, Microbiology, &Biochemistry)
37	2019-20	Anjali.R	BtGCIII	Antimicrobial activity of Nanomaterials	Interdepartmental (Chemistry, Physics, Statistics, Microbiology,

					&Biochemistry
38	2019-20	MeghanaPrakash	MBiCII	Antimicrobial activity of Nanomaterials	Interdepartmental (Chemistry, Physics, Statistics, Microbiology, &Biochemistry)
39	2019-20	NandamNitish	MGCIII	Antimicrobial activity of Nanomaterials	Interdepartmental (Chemistry, Physics, Statistics, Microbiology, &Biochemistry)
40	2019-20	Oshin Suresh	MGCIII	Antimicrobial activity of Nanomaterials	Interdepartmental (Chemistry, Physics, Statistics, Microbiology, &Biochemistry)
41	2019-20	Monika Septa	BtGC III	Physicochemical & Biological analysisof Soil samples	Interdepartmental (Chemistry, Statistics, Microbiology & Biochemistry)
42	2019-20	A.Prajwala	BtGC III		Interdepartmental (Chemistry, Statistics, Microbiology & Biochemistry)
43	2019-20	Tejaswini Chand	BtGC III	Physicochemical & Biological analysisof Soil samples	Interdepartmental (Chemistry, Statistics, Microbiology & Biochemistry)
44	2019-20	ShwetaYadav	BtGC III	Physicochemical & Biological analysisof Soil samples	Interdepartmental (Chemistry, Statistics, Microbiology & Biochemistry)
45	2019-20	Bhavna Gat	BtGC III	Physicochemical & Biological analysisof Soil samples	Interdepartmental (Chemistry, Statistics, Microbiology & Biochemistry)
46	2019-20	G.Vaishnavi	BtGC III	Physicochemical & Biological analysisof Soil	Interdepartmental (Chemistry, Statistics, Microbiology &

				samples	Biochemistry)
47	2019-20	PrasoonPyarasani	BtGC III	Physicochemical & Biological analysis of Soil samples	Interdepartmental (Chemistry, Statistics Microbiology & Biochemistry)
48	2019-20	B.JanakiSaiPriyanka	MGC III	Physicochemical & Biological analysis of Soil samples	Interdepartmental (Chemistry, Statistics Microbiology & Biochemistry)
49	2019-20	ManasaKanduri	MBiCIII	Physicochemical & Biological analysis of Soil samples	Interdepartmental (Chemistry, Statistics Microbiology & Biochemistry)

S. No	Academic Year	Student Name	Program	Title	Department
1	2019-20	34 Students	MSc II Biochemistry	Research projects https://drive.google.com/file/d/1K0WXA VnnkpQ98rpH11S3RfPV6V5bBxS3/view?usp=sharing	Biochemistry
2	2019-20	1. V. Jayalaxmi 2. Jayashree Mandal 3. Kiranmayee. A	BSc III MBCC	To study the correlation between BMI and Type 2 Diabetes	Biochemistry Under DBT Star College

					scheme
3	2019-20	1. Manisha Rai 2. Shivani 3. Afroz 4. Anoosha	BSc III MBBCC	Green synthesis of silver nanoparticles from <i>Ixora coccinea</i>	Biochemistry Under DBT Star College scheme
4	2019-20	1. Aparna U 2. Sugandha Pathak 3. Kusuma pereddi	BSc III MBBCC	Purification of IgG immunoglobulins by affinity chromatography	Biochemistry Under DBT Star College scheme
5	2019-20	1. K. Bhavana 2. B. Mounika 3. N. Shivani Namdeo 4. P. Manisha	BSc II MBBCC	Comparative study of biochemical parameters in germinating seeds extracts	Biochemistry Under DBT Star College scheme
6	2019-20	1. Sumasree 2. Hima Bindu 3. G. Shivaani 4. Ashnah 5. Bhavani	BSc II MBBCC	Nutritional Quality and Health Benefits of <i>Setariaitalic</i> and <i>Sorghum bicolour</i>	Biochemistry Under DBT Star College scheme
7	2019-20	1. Monika Septa 2. A Prajwala 3. Tejasweni Chand 4. Shweta Yadav 5. Bhavna Gat 6. G Vaishanvi 7. PrasoonaPyarasani	BSc III Bt G C	Physicochemical and Biological Analysis of Soil Samples	Biochemistry Under DBT Star College scheme
		8. B Janaki Sai Priyanka	BSc III M G C		

		9. ManasaKanduri	BSc III MBBCC		
8	2019-20	1. Sowjanya 2. KorideManaswini 3. K Geetha 4. JatinSirohi 5. Harshit Mishra 6. M. Sai Chitra 7. Kanchan Singh 8. P Shanmukhi 9.S.Bhuvaneshwari	BSc III MBBCC	A study on Adulteration in flours, Milk samples and edible oils	Biochemistry Under DBT Star College scheme
9	2019-20	1. Swathi Jonnalagadda 2. G Chaitanya 3. Risa Natarajan 4. Nandam Nitish 5. Oshin Suresh 6. Gummadi Sushma 7. Anjali R 8. Megha	BSc II and III MGC	Antimicrobial activity of Nanomaterials	Biochemistry Under DBT Star College scheme
		9. Richa	BSc II MBBCC		
		10. Meghana Prakash	BSc III MBBCC		
10	2018-19	19 students	MSc II Biochemistry	Research projects https://drive.google.com/file/d/1ma3lcoZeAr77O5fyMCJqRyElaLgrsR-j/view?usp=sharing	Biochemistry
11	2017-18	21 Students	MSc II Biochemistry	Research projects https://drive.google.com/file/d/1iKYJ6LGE1iL6_dcXHgsbCO	Biochemistry

				9HMs9REZW/view?usp=sharing	
12	2017-18	Chimalakonda Sri Lakshmi Alekhya	BSc I M Bi C	Germination of seeds in presence and absence of Antioxidants. SOD activity and Vitamin C concentration in the extracts	Biochemistry
13	2017-18	K Sri Lalitha Naga Mani	BSc I M Bi C	Catalase and Peroxidase Activity in the seed extracts in presence and absence of antioxidants	Biochemistry
14	2017-18	Reddy Krishna Manasa	BSc I M Bi C	Protein, lipid and carbohydrates content in seed extracts in presence and absence of antioxidants	Biochemistry
15	2017-18	L. Vighnesh	BSc II M Bi C	Determination of Carbohydrates, Reducing sugars, Proteins and Lipid content in Natural and Commercially available foods	Biochemistry
16	2017-18	V. Sreekar	BSc II M Bi C	A Study on the eating habits and Nutritional status among Adolescent (10-19 years) in Hyderabad	Biochemistry
17	2017-18	SreeVyshnavi	BSc II M Bi C	Determination of Calcium, Iron and Phosphorus in Natural and Commercially available foods	Biochemistry
18	2017-18	1. Arpita Ravi 2. N. Bhuvaneshwari	Intermediate student of Indus school	Biochemical Analysis and Enzymology	Biochemistry
19	2016-17	Pradeep Kumar Jha	BSc II M Bi C	Estimation of horse-radish peroxidase activity in fruits and vegetables at different temperatures	Biochemistry
20	2016-17	BVSRKP Ganesh Sandeep	BSc II M Bi C	Estimation of Vitamin C in fruits and vegetables at different temperatures	Biochemistry

21	2016-17	Shobham	MSc I Biochemistry	Estimation of horse-radish peroxidase activity in vegetables in different cooking methods	Biochemistry
22	2016-17	T.Prashanth Goud	MSc I Biochemistry	Comparison Vitamin C levels in different vegetables	Biochemistry
23	2016-17	K.Raju	MSc I Biochemistry	Adulteration of commercial milk samples	Biochemistry
24	2016-17	AmulyaParalikar	BSc II MBiC	Determination of calcium levels in fruits and vegetables	Biochemistry
25	2016-17	Bhanu Chandrika	BSc II M Bi C	Determination of phosphorus levels in fruits and vegetables	Biochemistry
26	2016-17	Priyanka Panda	BSc II MBiC	Determination of total sugars, reducing sugars and protein content in Neem leaves, flowers, seed and bark	Biochemistry
27	2016-17	Sujata Sahoo	BSc II MBiC	Determination of calcium, Phosphorus, Iron, Vit C, chlorophyll contents in Neem leaves, flowers, seed and bark	Biochemistry
28	2016-17	Keerthi	BSc II MBiC	Determination of total phenols in Neem leaves, flowers, seed and bark	Biochemistry
29	2015-16	B.Dinesh	BSc II MBiC	Determination of Ascorbic acid content in some Indian Spices (Seeds).	Biochemistry
30	2015-16	R.Deepak Reddy	BSc II MBiC	Determination of Ascorbic acid content in some Indian Spices (Vegetables)	Biochemistry
31	2015-16	G.Beerbin Yadav	BSc II MBiC	Effects of pond, Kapra lake and Mini tank bund lake waters on some biochemical parameters in germinating wheat seedlings	Biochemistry
32	2015-16	Shaik Arshad	MSc I Biochemistry	A study on fluoride levels in borewell water of Nalgonda Dist.Telangana, India.	Biochemistry
33	2015-16	P.SS.Ashwin	MSc I	Determination of serum total	Biochemist

		Kumar	Biochemistry	antioxidant activity and superoxide dismutase activity in diabetes	ry
34	2015-16	R.Om Kala Manjari	MSc I Biochemistry	Determination of serum superoxide dismutase activity in cardiac disease	Biochemist ry
35	2015-16	A.Ravali	MSc I Biochemistry	Determination of serum total antioxidant activity in cardiac disease	Biochemist ry
36	2015-16	E VS L N P Gayathri	BSc II MBiC	A study on the effect of Ascorbic acid on phospholipase D under salt stress in germinating ground nut seeds	Biochemist ry
37	2015-16	B Pravalika	BSc II MBiC	A study on the effect of Ascorbic acid on antioxidant enzymes under salt stress in germinating ground nut seeds	Biochemist ry