

**DEPARTMENT OF BIOTECHNOLOGY**  
**CDL, GITAM UNIVERSITY**  
**VISAKHAPATNAM – 530 045**

**List of students for M.Sc. final year projects (Dec-2017)**

S.No.	Regd. No.	Name of the Student	Name of the Guide	Title of the Project	Remarks
1	C16MT0990001	Ms. Gannem Prasanthi	Mr. Venkata Ravi Sankar Ummidi	Isolation and characterization of <i>Actinomycetes</i> from soil and evaluation of antibacterial and antifungal activities of <i>Actinomycetes</i> .	Approved
2	C16MT0990004	Ms. Nakkella H N Bhargavi	Mr. Venkata Ravi Sankar Ummidi	Effects of chemical pesticides and fertilizers on soil microbial community DNA sequence diversity using RAPD marker.	Approved
3	C16MT1010003	Ms. D. Archana Geethika	Dr. A. Rajya Lakshmi	Phenolic contents with <i>In vitro</i> anti-platelet aggregation and antioxidant activity of the plant extracts (Neem, Aloe vera, Aloe indica and Tulsi).	Approved
4	C16MT5230001	Ms. M. Sandhya	Dr. A. Rajya Lakshmi	Study on optimization of process parameters for Nattokinase production by <i>Bacillus subtilis</i> .	Approved
5	A15MT0720002	Ms. Ch. Bhuvana	Mr. Venkata Ravi Sankar Ummidi	Isolation, screening and optimization of phosphate solubilizing bacteria from virgin soils and elucidating the effect on plant growth.	Approved
6	C16MT0630001	Mr. CVK. Praveen Kumar	Mr. Amaraneni Naveen	Formulation and <i>invitro</i> evaluation of extended release matrix tablets of lamotrigine tablets.	Not approved, supervisor not eligible to guide the candidate as he is not having any research degree. The proposal appears to be not legible.

Coordinator, CDL

Head of the Department

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7	C16MT0980001	Mr. Sandesh Hajarilal Jain	Dr. Rajendra Prabhu	Production of hyper immune plasma (anti venom).	Approved
8	C16MT5010002	Ms. Ch. Thej Lakshmi	Mr. Sudha L	Cloning and expression of $\beta$ -Galactosidase gene into pUC-Vector. Unit determination of enzyme by using substrate ONPG>.	Approved
9	C16MT5250002	Mr. Manjunatha BV	Dr. Yogisha S	<i>In vitro</i> evaluation of selected medicinal plants for anticancer (Lung) and antiinflammatory activity.	Approved
10	C16MT5280002	Mr. R. Nishanth Singh	Mr. Debasish Sahoo	Isolation and identification of potential microbial strains for bioremediation of hydrocarbon pollutants.	Approved
11	10MT00034	Ms. J. Pavani Lakshmi	Mr. Debasish Sahoo	Extraction and purification of Bromalein enzyme.	Approved
12	C16MT0980003	M. Priyanka	Mr. Debasish Sahoo	Phyto chemical constituents & Antioxidant properties of culinary herbs	Approved
13	A15MT0990001	Ms. Kolla Vineetha	Mr. Venkata Ravi Sankar Ummidi	Molecular phylogeny in few <i>Cassia</i> species using RAPD molecular markers and SDS-PAGE	Approved
14	C16MT1160001	Mr. S. Abdul Rasheed Biyabani	Dr. P. Lakshmaiah	Isolation of amylase producing bacteria from soil and characterization of amylase.	Approved
15	C16MT1160002	Mr. Nerella Srinivasa Rao	Dr. P. Lakshmaiah	Plant mediated green synthesis of silver nanoparticles.	Approved
16	C16MT1760001	Ms. Sruthi Sesham	Dr. Chintamani V.S	Detection of aerobic microorganisms in shrimp by using PCR technique.	Required objectives & guide biodata
17	C16MT5250001	Ms. Aswini R	Dr. Prasad Shivarudraiah	<i>In vitro</i> mammalian cell micronucleus test for calcium 1-5-methyltetrahydrofolate using CHO-K1 cell line.	Approved

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18	C16MT5250003	Ms. Manepalli Sisira	Mr. Praveen Reddy	Mushroom culture	Required guide full biodata
19	A15MT1010003	Ms. R. Ramya Sree	Dr. P. Bhaskara Thathaji	Haematological studies in the fish <i>Channa punctatus</i> (Bloch) exposed to sublethal concentration of HILTAKLOR (Butachlor, 50% EC)	Required guide biodata
20	A15MT0010001	Mr. Menda Jeevaratnam	Dr. A. Rajya Lakshmi	Genetic improvement of <i>Aspergillus terreus</i> and optimization studies for higher yield of lovastatin.	Approved
21	C16MT5010001	Mrs. Roopa Shree M.K	Dr. N.G. Raju	Isolation and characterization of Food - Borne pathogens.	Approved
22	A15MT0170001	Mr. Uma Maheswara Rao Obilineni	Dr. P.V.D. Soujanya Kumari	Production of Ethanol using molasses and its effluent treatment.	Approved
23	C16MT1240001	Mr. Hakeem Abdulla		Antibacterial effect of neem extract on <i>Staphylococcus aureus</i> isolated from diabetic wound sample.	Not approved. Required to submit project proposal, objectives & guide details

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