

**DEPARTMENT OF BIOTECHNOLOGY**  
**CDL, GITAM (Deemed to be University)**  
**VISAKHAPATNAM – 530 045**

**M.Sc. final year project proposal status**

S. No.	Regd. No.	Name of the Student	Name of the Guide	Title of the Project	Remarks
01	C17MT0150001	Mr. Sanivada Govinda	Dr. Rajyalakshmi Amancherla	Assay of protein biomarkers: Lactate Dehydrogenase (LDH), C-reactive protein (CRP) and Troponin in patients with cardiovascular disease.	Approved.
02	C17MT0800001	Ms. K.S. Suhasini	Dr. V. Prathap Reddy	Molecular Characterization of Bacterial samples using 16S r-RNA primers.	Approved.
03	C17MT1330001	Mr. Mangalagiri Chandrashekar	Dr. Rajyalakshmi Amancherla	Antibacterial and antifungal activity of basil and oregano essential oils.	Approved.
04	C17MT1620001	Mr. B. Kiran	Dr. Rajesh Goud Gajula	Isolation and Molecular Characterization of Probiotic Microorganisms from Dairy Products.	Not Approved. <ul style="list-style-type: none"> <li>• Incomplete project proforma.</li> <li>• Complete biodata of the Supervisor is required.</li> </ul>
05	C18MT0190001	Ms. P. Greeshma	Mr. P. Suresh Kumar	Study on difference between Rapid Microbiology analysis and Conventional Microbial analysis for 10.5% juice (New product).	Approved.
06	C18MT0380002	Ms. K. Swetha Kumari	Dr. P.J. Raju	Isolation and characterization of intestinal bacteria in <i>Bombyx mori</i> under abiotic stress.	Approved.
07	C18MT0600001	Ms. Sivalanka Kumari	Dr. P. Bhaskara Thathaji	Studies on some biochemical (Glycogen) changes in the selected tissue of <i>Cirrhinus mrigala</i> (Hamilton, 1822) exposed to sublethal concentration of HILTAKLOR (Butachlor, 50% EC).	Approved.
08	C18MT0800002	Ms. Nikhath Afreen	Dr. Manojreddy A	Evaluate the response of different Bio inoculants and growth regulators on seed germination and early seeding growth.	Approved.
09	C18MT0990001	Ms. Shilpa Chandrakant Kerkar	Dr. Jayanti Mania-Pramanik	Evaluation of -35 kb HLA-C upstream variant in HIV-1 infected individuals.	Approved.
10	C18MT0990004	Ms. Tanveer Fathima	Dr. P.V. Nageswara Rao	Detection of WSSV and EHP in Shrimp by using PCR.	Approved.
11	C18MT1240001	Ms. Chindukuru Sasi Bhavani	Dr. K. Anand Kumar	Enhancement Cultivation of Selected Food Bacteria.	Approved.
12	C18MT1330001	Ms. Pavithra Savana	Dr. Rajyalakshmi Amancherla	Anti Inflammatory Effects of Palmarosa Oil on Skin Cells.	Approved.

13	C18MT1480001	Ms. T. Sirisha Jyothi	Dr. Manojreddy A	Isolation and identification of pathogenic & non-pathogenic bacteria from infected hospital samples.	Approved.
14	C18MT1480002	Mr. Hari Krishna Achari K	Mr. Patel Kanu Bhagavanbhai	Antimicrobial activity of different Antibiotics and its synergetic effect in combination on different Microorganisms.	Approved.
15	C18MT1610002	Mr. P. Mahesh	Dr. S. Ramamoorthy	Evaluation of Commercial Pesticides Mutagenicity in Bacterial Reverse Mutation Test using <i>Salmonella typhimurium</i> .	Approved.
16	C18MT1830001	Mr. Suman B	Dr. R. Nagaraj	Study of Self-Assembling Properties of some Hydrophobic Amino-Acids and Short Peptides.	Approved.
17	C18MT5010001	Mr. Yerva Sandeep	Prof. Yasha T.C.	Utility of Kulchitsky-Pal stain in Assessment of Myelin and Axonal Pathology in Nerve Biopsies – Study from a Tertiary Care Neuroscience Centre.	Approved.
18	C18MT5010003	Ms. Lavanya R	Ms. R. Naliniprasad	Biochemical profiling in wild species of genus cymbopogon and studies on their biological activity.	Approved.
19	C18MT5050001	Mr. G. Naveen Kumar	Dr. Anand S	Evaluation of anti-cancerous, antimicrobial and antioxidants effects of selected plant samples.	Approved.
20	C18MT5270001	Ms. Shwetha C	Ms. Ashwini L.S.	DNA fragmentation Index (% DFI) in Normalzoospermia and Astheno-Teratozoospermia.	Approved.
21	C18MT5330001	Ms. Swagata Maity	Dr. Lakshmi Narashimhan Ramana	Graphene quantum dots decorated on silver nanoparticles for enhanced antimicrobial properties using against resistant bacterial strain.	Approved.
22	A17MT1390001	Ms. Golla Lakshmi Pravallika	Dr. Rajyalakshmi Amancherla	Bioremediation of waste water containing phenolics by <i>Phanerochaete chrysosporium</i> BW 808.	Approved.
23	A17MT1390002	Ms. Ponnada Yogitha	Dr. Rajyalakshmi Amancherla	Assay and significance of Adenosine deaminase, Alkaline Phosphatase and Cancer Antigen 19.9 in probiotic and surgical therapy for Colorectal Cancer.	Approved.
24	A17MT1390003	Mr. Golusupudi Prasanna Kumar	Dr. Rajyalakshmi Amancherla	Significance of Assay of Tacrolimus and Estimation of Serum Creatinine in Renal Transplantation.	Approved.
25	A17MT1680001	Mr. Murali Manohar Akula	Dr. Shobha Rani	Industrial production of <i>Bacillus thuringiensis</i> for extraction of biopesticides.	Approved.
26	A18MT0990002	Mr. Mudunuru Prudhvi Raju	Dr. Venkata Ravi Sankar Ummidi	Green synthesis of Copper and Manganese Nanoparticles using <i>Ocimum sanctum</i> leaf extract and their antimicrobial and antioxidant activities.	Approved.
27	A17MT1680002	Ms. Kavya Kalahasti	Dr. P.V.D. Soujanya Kumari	Antibacterial activity of actinomycetes isolated from in and around areas of Gajuwaka.	Approved.
28	C18MT0380001	Ms. S. Suneetha	Dr. Bukke Suman	Semen Parameters for Infertile Men.	Not approved. Complete biodata of the Supervisor is required.

**Coordinator**

**Head of the Department**