S: No Name of the Student **Project Title** Clinical Effectiveness of Algae Composite Scaffolds for Bone 1. Dilip Kumar S Regeneration Formation of Thermoresponsive 3D Scaffold Using Fused Deposition 2. Humaira Saleh Syed Modeling (FDM) Printer for Use in Bone Tissue Applications Development of Functional 3D Scaffold for Oxygen Release in Tissue 3. Kalaivani S S Culture Antibody Generating Single Chain Variable Fragment for 4. Karthik Raj B.N Streptococcus pneumonia Using Phage Display Method Optimization of Process Parameters For the Microbial Production of 5. Namritha Maniyodath Beta-Galactosidase 3D Printed Concentric Cylinder Scaffold Model for Studying Co-Pavithra Bhavani S Culture of Breast Cancer Cell Lines and Mouse Mesechanymal Stem 6. Cells A study on controlled release of Dexamethasone through 3D 7. Radhika.B.S. printedPLA/HNT scaffold on stem cells for bone tissue engineering Ramkishore P Production and Characterization of Sprouted Mung Bean Yogurt 8. Extraction, Purification and Characterization of Natural Pigment 9. Santhiya R Produced by Bacillus haikouensis Epitope based vaccine design for Hepatitis E by reverse vaccinology Tamannah K 10. and machine learning approach Bioemulsifier Production from Acinetobacter calcoaceticus RAG-11. Vidhyalakshmi. J 1 and its study on antifouling property Efficacy of Algae Based Scaffold on Critical Size Traumatic Femoral 12. Yasasve M **Bone Defect**

PG Students Project List (2019-2021 batch)