

**Assignment of Master Project 1 (20242025-1)****Program: Master of Science (Biomedical Engineering) Main Campus Johor Bahru**

No	Student Name	Title Code	Project Title	Supervisor name	Supervisor's Email
1	Abdisalan Ali Omar	MEBC-10	Chemical and Mechanical Analysis of Lab-Developed And Commercial Hydrogels to Optimize Conditions for Wound Dressing in Wireless Monitoring Applications	Ts. Dr. Raimi Bin Dewan @ Abdul Rahman	raimi.dar@utm.my
2	Puteri Eyriena Maysara Binti Yazit	MEBC-13	Comparative Analysis of NIR Light Absorption in Glucose and Blood Component Solutions With and Without Ultrasound Enhancement	Dr. Muhamad Amin Abd Wahab	muhamadamin.abdwahab@utm.my
3	Iliya Qasrina Binti Idris	MEBC-11	Synthesis and Characterization of Polyvinylpyrrolidone/Hydroxypropylmethylcellulose (Pvp/Hpvc) Film with Polydiacetylene Inclusion for Biosensor Application	Dr. Nurizzati Mohd Daud	nurizzati.md@utm.my
4	Carol Aruna Jesmin	MEBC-02	Two-Stage Arrhythmia Classification Based on Machine Learning For Heart Disease Screening and Prevention	Dr. Hau Yuan Wen	hauyuanwen@utm.my
5	Hatem Jasim Hatem Alkhlewee	MEBC-01	Effects of RGD-Modified Gold Nanoparticle Chitosan Gel on Cell Viability and Proliferation of Mesenchymal Stem Cells	Dr. Norjihada Izzah Ismail	norjihada@utm.my
6	Sharifah Raihanah Binti Kamaruddin	MEBC-17	Surface Modification of B-Tricalcium Phosphate Nanofiber with Strontium.	Dr. Norhana Jusoh	norhana@utm.my
7	Noor Alia Fatiha Binti Kamalludin	MEBC-04	Ankle Active Design for Personalised Prosthetics Leg User	Ts. Dr. Muhammad Hanif Bin Ramlee	m.hanif@utm.my
8	Zahraa Falah Abed	MEBC-12	Quantitative Gait Analysis Using Inertial Measurement Unit (IMU) for Lower-Limb Amputation	Ts. Dr. Aizreena Azaman	aizreena@utm.my