

18 September 2025

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Saroj Khanal
CDU Student Number: 378199
Ph: 0412 392 125

Dear Sir/Madam

Re: Confirmation of Work Integrated Learning Placement – Saroj Khanal

This is to certify that Mr Saroj Khanal undertook a Work Integrated Learning placement with the Biomedical Engineering Department based at the Royal Darwin Hospital, Northern Territory from 17 June 2024 to 15 July 2024, completing 147 hours in total.

During this period Mr Khanal was engaged in a wide range of biomedical engineering activities and responsibilities, including but not limited to:

- completing site induction and mandatory NT Health training including NTG Online Orientation, Cross Cultural Awareness, NT Health Emergency Management and Fire Safety, Medical Gases, WHS Manual Handling and Aggression Management training
- calibration and performance verification of medical equipment including tympanic thermometers, pulse oximeters, ECG machines, sphygmomanometers and syringe drivers using patient simulators, calibrators and specialised test equipment
- electrical safety testing of biomedical devices including monitors, chargers and accessories, applying test procedures such as mains insulation resistance, touch current and protective earth resistance using an ES analyser, with results recorded in the asset management database
- troubleshooting and repair of devices including defibrillators, ventilators, oximeters and ECG machines, including correspondence with manufacturers where faults required manufacturer service or replacement parts
- participating in decommissioning processes where devices were unsafe or beyond economical repair, completing decommission forms and updating database records
- assisting with annual stocktake operations and using the MEX, asset management system to update equipment records, spare parts and work orders
- engaging in professional communication with vendors including preparation of request for repairs and maintenance forms, quotation requests and purchase order submissions for parts and replacement equipment
- contributing to weekly departmental meetings, team stocktake activities and interdepartmental communication, supporting collaborative problem solving and workflow planning

Throughout this placement Mr Khanal demonstrated strong technical aptitude, professionalism and effective teamwork. He adapted quickly to departmental procedures, contributed effectively to troubleshooting and servicing a wide range of biomedical equipment and ensured accurate record keeping in the MEX asset management system. His communication with both internal staff and external vendors was clear and professional and his attention to detail supported the safe and reliable operation of medical devices within the Royal Darwin Hospital.

Based on Mr Khanal's performance during this placement, it is my professional opinion that he is well suited to the engineering profession, demonstrating both the technical aptitude and professional attributes required for future success.

Yours Sincerely



Adrian D'Amore

A/ Manager

Biomedical Engineering

Northern Territory Health