

**Current Research Interests:**

- i.** Remanufacture: A Strategy to Enable Affordable Quality Healthcare in Developing Countries.
- ii.** Newborn Essential Solutions and Technologies.
- iii.** Development of A Limited Contact Patient-Posture Change Mechanism for Efficient Management of critically ill Patients.
- iv.** Development of a Low-Cost Automated Adaptable Handwashing Device for Prevention of the Spread of Communicable Diseases.
- v.** Climate Change and Health.
- vi.** Integrated Water Resources Management
- vii.** Waste-to-Wealth Studies
- viii.** Waste-to-Energy Studies
- ix.** Science, Technology, Engineering and Mathematics (STEM) and Innovations
- x.** Active Learning and Invention Education.
- xi.** Engineering Design Process and Needs Finding
- xii.** Biogas and Bio-methanation