WE WILL SERVE THOSE ASPIRATIONS THROUGH THESE STRATEGIC TECHNOLOGIES GLOBALLY:

**MISSION**
Advance engineering for the benefit of humanity

**VISION**
The premier resource for the engineering community globally

**ASPIRATIONS**
are to address these global challenges:
- Sustainable Solutions
  - Clean Energy
  - Efficient Housing
  - Clean Water
- Efficient Transportation
  - Public Safety
  - Public Healthcare

**ADVANCED MANUFACTURING**
Additive Manufacturing
Industry 4.0

**CLEAN ENERGY**
Solar | Wind | Biomass | Storage | Nuclear

**BIOENGINEERING**
Cellular Manufacturing
Biologics
Tissue Engineering

**PRESSURE TECHNOLOGY**
Design | Materials
Fab Inspection
Operation Commissioning
Maintenance

**ROBOTICS**
Industrial Automation | UAVs
Field | Mobile | Autonomous

**DESIGN ENGINEERING**

**INTERNET OF THINGS**

**NANO TECHNOLOGY**

**MATERIALS**

**BIG DATA ANALYTICS**

**SUSTAINABILITY**

**CYBERSECURITY**

**MISSION**

**VISION**

**ASPIRATIONS**

**BIOENGINEERING**

**PRESSURE TECHNOLOGY**

**ROBOTICS**

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