**Position:** Research Engineer  
**Division:** OC  
**MRF Reference No.:** FY15041/OC

**Main Duties and Responsibilities:**

- Conduct experiments to develop methodologies for particle conjugation  
- Synthesis engineered particles for specific functions  
- Optimize operating conditions to assemble particles  
- Perform characterization for organic compounds and synthetic polymers  
- Perform literature searches on new synthetic methodologies and polymer engineering

**Minimum Requirements:**

- Bachelor/Master in Chemistry (Organic and / or Physical Organic Chemistry)  
- Organic synthesis, emulsion polymerization, Janus particles formation, particle mechanics and characterization  
- Good communication, writing and time management skills  
- Safe laboratory practices  
- 3 years of working experience in wet chemical research laboratory  
- Knowledge of characterization techniques such as SEM, TEM, NMR