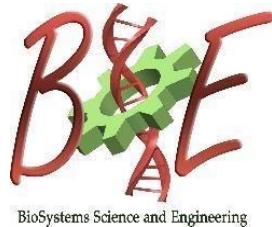




**Indian Institute of Science  
Centre for BioSystems Science and Engineering  
BSSE Seminar**



1 February 2021, 4:00 p.m., Virtual

## **Medical Device Entrepreneurship: My Experiences**

**Dr. Rashmi Shukla,  
Director and Co-founder,  
QAWaCh Bio Pvt. Ltd.**

### **About the speaker:**

Rashmi Shukla did her M.Sc in biochemistry from University of Pune and PhD from the Department of Chemistry at IIT Bombay in Prof. Y.U Sasidhar's group in 2013. Her PhD thesis dealt with molecular dynamic simulations of protein-protein interactions and folding. After her PhD she worked as a researcher at ACTREC. Following her keen interest in diagnostic healthcare she along with two friends co-founded QAWaCh Bio in 2018, a start-up with a vision to develop sensitive and affordable point-of-care diagnostic solutions with high scalability for masses.

### **Abstract:**

QAWaCh Bio has developed a unique diagnostic platform that uses combination of a test strip and smartphone application to give quantitative results in few minutes at bed-side of patient, and that too without using any dedicated device. This platform has been used to develop tests for kidney disorders, inflammation and latest for COVID-19 Ag-testing.