Spring 5-25-2019

Development of Hydrogen Sulfide Sensor Integrated Lab-on-a-Chip Device for Biomedical and Environmental Uses

Ashok Baniya
Louisiana Tech University

LOUISIANA TECH UNIVERSITY

GRADUATE SCHOOL

October 25, 2016
Date of dissertation defense

We hereby recommend that the dissertation prepared by

Ashok Baniya

entitled **Development of Hydrogen Sulfide Sensor Integrated Lab-On-A-Chip Device for Biomedical and Environmental Uses**

be accepted in partial fulfillment of the requirements for the degree of

Doctor of Philosophy in Molecular Sciences and Nanotechnology

Dr. Leland Weiss, Supervisor of Dissertation Research

Dr. Gergana G. Nestorova,
Head of Molecular Sciences and Nanotechnology

Members of the Doctoral Committee:
Dr. Prabhu Arumugam
Dr. Niel Crews
Dr. Mary E. Caldorera-Moore
Dr. David Keith Mills

Approved:

Hisham Hegab
Dean of Engineering & Science

Approved:

Ramu Ramachandran
Dean of the Graduate School