

# Annexure d

## List of contributors/co-authors

This section includes the chapter wise contributions of co-authors and collaborators.

<i>Chapter 4</i>	
<b>Name of Co-author</b>	<b>Contribution</b>
Dr. Giriraj Vyas	Contribute in two terminal device designing and characterization
Mr. Jayant Bera	Contribute to compute properties of singly reduced and doubly reduced DDQ molecule
Dr. Satyajit Sahu	Supervise the progress of research. Contribute to analyze the results with all team members and edit the manuscript.
Self	Planned the experiment and build the device structure from scratch. Perform all analysis and optimizations. Collect all the data and prepare the manuscript.
<i>Chapter 5</i>	
<b>Name of Co-author</b>	<b>Contribution</b>
Dr. Giriraj Vyas	Contribute to obtain flat gold substrate on mica. Contribute while depositing DDQ molecules and post processing. Contribute in scanning, spectroscopy and data acquisition.
Dr. Lakshya Daukiya	Contribute while depositing DDQ molecules and post processing. Contribute in scanning, spectroscopy and data acquisition.
Mr. Jayanta Bera	Contribute to identify the orientation of DDQ molecules
Dr. Appala Naidu	Simulated STM images of DDQ on Au 111
Dr. Satyajit Sahu	Supervise the progress of research. Contribute to analyze the results with all team members and edit the manuscript.
Self	Planned the experiment and contribute in every aspect of device preparation as well as characterization. Collect all the data and prepare the manuscript.
<i>Chapter 6</i>	
<b>Name of Co-author</b>	<b>Contribution</b>
Dr. Deepa Oberoi	Synthesize the Schiff based ligand and characterize some of its physical properties like molecular geometry and polymerization with some transition metals
Dr. Anasuya Bandyopadhyay	Supervise the synthesis and characterization progress of Schiff based polydentate ligand
Dr. Giriraj Vyas	Contribute to obtain flat gold substrate on mica substrate. Contribute while solution preparation, deposition and post processing. Contribute in scanning, spectroscopy and data acquisition.
Mr. Aman Baunthiyal	Contribute to obtain flat gold substrate on mica substrate. Contribute while solution preparation, deposition and post processing. Contribute in scanning, spectroscopy and data acquisition.
Dr. Satyajit Sahu	Supervise the progress of research. Contribute to analyze the results with all team members.
Self	Planned the experiment and contribute in every aspect of device preparation as well as characterization. Collect all the data and prepare the manuscript.