

Exploring the Diverse Applications of Refractive Index Sensors: Unveiling a New Realm of Possibilities

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A handwritten signature in blue ink, followed by the date '15/04/23' written in the same ink.

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Declaration of Authorship

This is to certify that the work presented in this thesis, titled “Exploring the Diverse Applications of Refractive Index Sensors: Unveiling a New Realm of Possibilities”, is the result of diligent research conducted under the guidance of **Prof. Dr. Rakibul Hasan Sagor**. Additionally, it is important to disclose that a portion of this work has been published in the “Results in Physics” journal, while two other portions are currently under review in “Physica E: Low-Dimensional Systems and Nanostructures” and “Results in Physics” journals.

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