
**Flexible Electronics for Electric Vehicles** pp 323–331[Home](#) > [Flexible Electronics for Electric Vehicles](#) > Conference paper

# Emergence of Silicon Photonics in the Field of Biomedical Applications: A Review

**Nitesh Mudgal**Department of Electronics and Communication Engineering,  
MNIT Jaipur, Jaipur, Rajasthan, India[Ravi Mali](#) , [Biswajit Sahoo](#),  
[Saharia](#), [Kamal Kishor Chourasia](#),  
[Singh](#) & [Manish Tiwari](#)[View author publications](#)Conference paper | [First Online](#) You can also search for this author in  
[PubMed](#) | [Google Scholar](#)**455** AccessesPart of the [Lecture Notes in Electrical Engineering](#) book  
series (LNEE, volume 863)

## Abstract

In the last few decades, the human body is prone to many different types of infectious diseases. This involves making use of technologies for detecting and monitoring the factors responsible for these diseases, and the devices should be free from any kind of harmful radiations. Photonics is considered to be one of the new advancements in the field of