

HOPNIC LABORATORY CO.,LTD.



<https://hopnic.co.jp/>

- Address : 27-46 Shimonoda-cho Sabae City, Fukui 916-0073 Japan
- Employees : 48
- Established in : 1988
- Business : Manufacture of high-performance lens: high refractive, polarized, light-dimming, wavelength control.

Project Name

Business verification of high value-added lens development with QR code system in the health tech sector (India)

Cooperation with Local Companies

Cooperating with Elan Healthcare, a medical device venture (MoU already signed), and long-established eyeglass lens dealers (Delta Lens and 9 other companies), we verify the QR system and conduct test marketing.

Prof.Handa, Kitasato Univ.

Prof.Ishigaki, Univ. Of
Electro-Communications

HOPNIC LAB.

Medical device venture,
Elan Healthcare

Long-established lens
dealer, Delta Lens, etc.

Co-creation partners in India

Local Economic / Social Issues

The entire country is in the cataract belt, and 66% of blindness is caused by cataracts. WHO/CDC recommends wearing glasses with UV-cut function. However, they are expensive and not widely used.

Details of Demonstration

By embedding 3D positional information of voids as QR code, voided products (25% occurrence rate) are exported to India without being discarded and are distributed at a lower price by removing voids in the polishing process. Picking errors (5% error rate) can also be reduced.

Expected Outcome in the future

The export of wavelength-controlled lenses will contribute to the prevention and management of cataracts. While targeting middle- and upper-income earners, the project will also benefit agricultural and outdoor workers (the poor) through the use of the CSR Law.