

Ofek Eshkolot Research and Development Ltd

ORT Braude College of Engineering, Karmiel



Ofek Eshkolot Research and Development was established by ORT Braude College to encourage its research by expanding ties with industry, and promote patents and licensing. The company acts as the business arm of the college to utilize knowledge assets and stimulate advanced industrial development in the Galilee.

From a business perspective, the company commercializes the intellectual property (IP) developed by college faculty members by licensing or partnering with a strategic partner.

Company goals:

- Directing staff research towards useful research and development (R&D)
- Creating intellectual property that can be commercialized, and patenting R&D products
- Obtaining patents and licensing
- Establishing ventures in partnership with investors on the basis of the created IP

The company offers to carry out research for industrial and commercial entities, to be done by its faculty members, adjunct faculty, students, or professional experts whom the company recruits according to need.

■ Ofek Eshkolot Team

- **Dr. Moshe Shavit** – CEO of the Ofek Eshkolot Ltd company. Lecturer at the college and head of the Entrepreneurship Center. Over 30 years' experience in hi-tech and traditional industries
- **Mrs. Liza Chorninky** – Secretary of the Entrepreneurship Center and Ofek Eshkolot

■ R&D Centers in the College

The ORT Braude Academic College is developing R&D centers for collaboration with industry. These centers include

- **Data Mining Center** in the Software Engineering department
- **Plastics Institute** in the Mechanical Engineering department
- **Production Technology** Research Center in the Mechanical Engineering department
- **Increasing Productivity and innovation** R&D center in Industrial Engineering Department

■ Benefits for Industry in the R&D Centers

- Use of the labs located in the R&D centers – reduces the enterprise's investment in equipment and manpower
- Increased production efficiency – for example, one study conducted with industry diagnosed potential production cost savings amounting to millions of shekels per year
- Significant reduction in time to market for new products
- Improved competitive ability and increased productivity
- Troubleshoot product quality and process problems – using research to find the root cause of a problem
- Raised professional standards in enterprises through workshops and courses run by the R&D centers
- Staffed interns with students doing their final projects



Ofek Eshkolot provides the means for implementing advanced technologies and research developed at ORT Braude College. The Ofek Eshkolot company directs staff towards applied research opportunities, creation of intellectual property (such as patents), and commercialization. Ofek Eshkolot bridges the gap between the business world and academia. The company is collaborating with **Fraunhofer** – a large European research organization – and invites additional local and worldwide industrial companies to participate in joint research.

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