

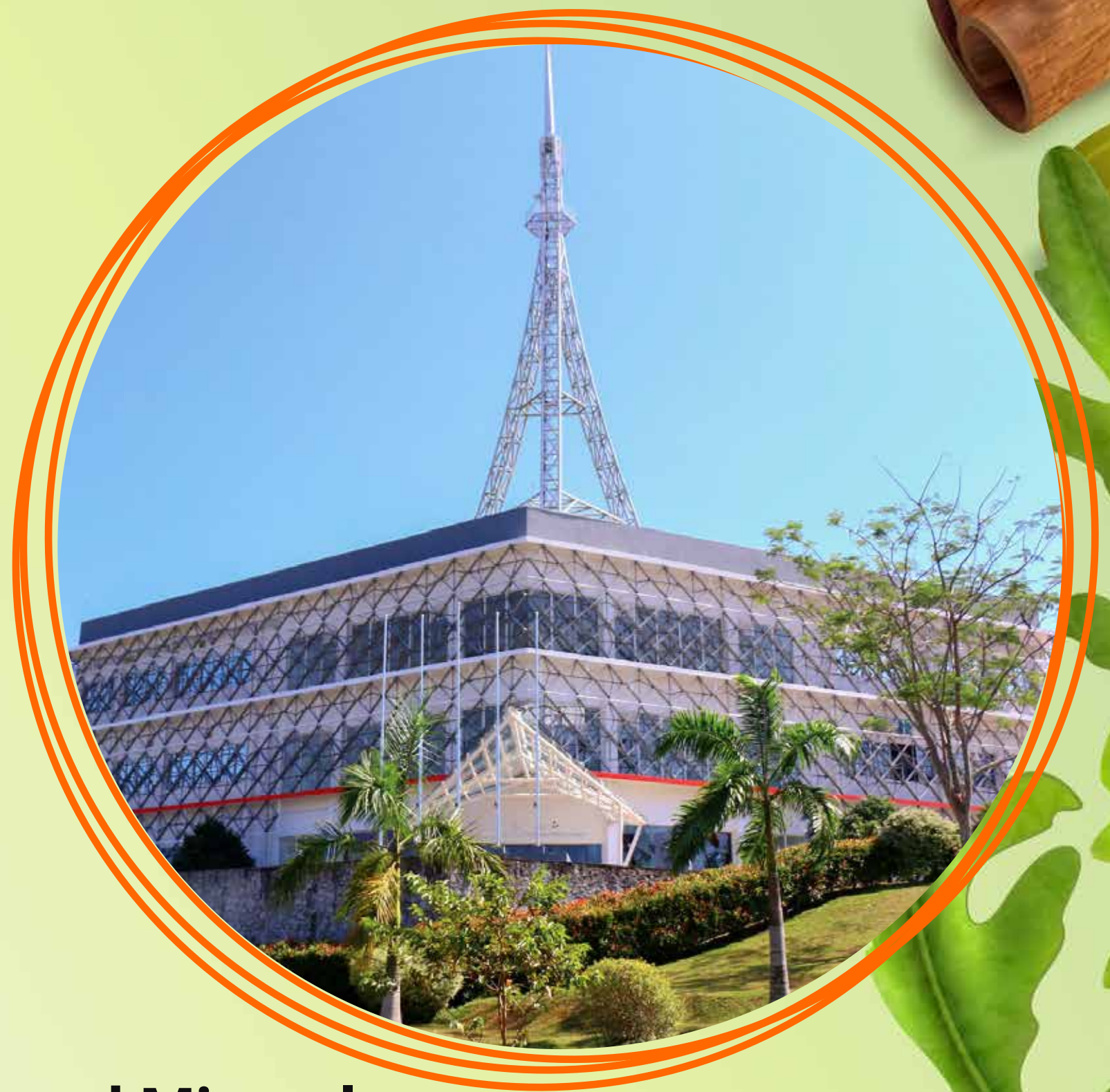
Natural Products and Nutraceuticals

Sri Lanka Institute of Nanotechnology
(SLINTEC)

A pioneer in nano and advanced technology research in Sri Lanka.

Our research is primarily focused on six areas :
Natural Products and Nutraceuticals.

Sustainable and Functional Textiles,
Printable Electronic and Sensors, Energy Storage,
Nano/Advanced Materials and Minerals,
Advanced Agriculture Technologies



What are Natural Products?

Natural products are substances derived from plants, animals, or other living organisms with medicinal, nutritional and cosmetic value.

Natural product extracts are believed to have a variety of health benefits such as,

- Improving digestion
- Reducing inflammation
- Promoting overall wellness

These benefits are attributed to the active ingredients present in them.



**Extraction and
purification**



Nanoencapsulation

Through years of investigation, SLINTEC has integrated modern technology to develop highly efficient extraction methods and further isolation of active ingredients from a variety of plant based materials.

SLINTEC's innovation on Natural Products and Nutraceuticals.

Curcumin Nano emulsion

Curcumin is the key active ingredient in Turmeric. It has many health benefits, however it is less bioavailable.

Nanoencapsulation of Curcumin improves bioavailability and permeability, making it easy to incorporate into nutraceuticals and cosmetics.



Cinnamon Bark Extract

Ceylon cinnamon, the finest cinnamon variety in the world, has a unique flavor, ultra-low coumarin levels, and numerous health benefits.

SLINTEC's development is a 100% Ceylon cinnamon bark extract utilized for dietary supplements, herbal tea or in cold beverages.



Tea Leaf Extracts

The most abundant polyphenol found in green tea is Epigallocatechin Gallate (EGCG), which reduces the risk of cancer, heart disease and blood pressure.

SLINTEC has developed EGCG extracts which can be incorporated into nutraceuticals, beverages and cosmetics.



Dietary Supplements

Unique blend of natural products and minerals developed in-house, which strengthen the immune system and helps to reduce the severity and duration of infections.



Join Us For

- ▶ Research Collaborations
- ▶ Contract Research
- ▶ Material Development
- ▶ Consultancy Services

Contact Us

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