

INNOVASYNTH TECHNOLOGIES (I) LTD.

A rising star in contract research and custom synthesis

Innovasynth Technologies (I) Ltd. came into existence on August 1, 2002. It is a part of the Indian Organic Chemicals Ltd.-Futura business group, involved in activities like polyester fibres, polymers, pre-forms and software, among others. Innovasynth offers knowledge-based R&D services, which include custom synthesis, contract R&D, contract manufacturing and toll manufacturing.

The fast-rising company is already a name to reckon with in the R&D business and is today working with many well-known global companies in various fields like pharmaceuticals, perfumery, agrochemicals, and fine & speciality chemicals. With two sites at its disposal, one already active at Khopoli near Mumbai and the other in the development stage at Chennai, the ISO 9001:2000 certified company has chalked out detailed plans to move in to cGMP and FDA approved facilities and is on a fast track to achieve them.

Services offered

Custom synthesis: Innovasynth provides advanced synthetic chemistry capabilities and develops molecules from milligram to multi-ton scales. It also offers a broad range of standard technologies.

Contract R&D: The company provides creative solutions in process development



Pilot plant

to its customers. It has considerable expertise in process discovery & selection and process optimisation. Innovasynth has the expertise and the facility to scale-up process to meet the time and volume targets of its customers. Its dedicated analytical team ensures product quality at every stage.

Contract manufacturing: Innovasynth offers its capabilities to absorb, optimise and standardise technology on plant scale. Its

other strengths in this area include high confidentiality of information and timely delivery of products.

Business segments

At present, Innovasynth is working in five areas, viz. nucleosides, pharmaceutical intermediates, flavour & fragrance chemicals, fine & speciality chemicals and nutraceuticals.

Nucleosides and nucleotides: Innovasynth has identified this area as one of its future growth drivers. According to **Dr. B. Sahu**, CEO and President of Innovasynth, "Nucleosides are a totally new area, which is extremely technology driven. It has the potential to become a very lucrative segment." The company has been working in this field since the last four years.

Pharmaceutical intermediates: Innovasynth offers intermediate products required for bulk drugs, as well as new drugs under development. It has formed a joint venture company in the US with Austin Chemical Company, USA, which acts as a marketing arm for Innovasynth.

Flavour and fragrance chemicals: The company undertakes synthetic chemistry



Contract manufacturing facility



View of the chemistry laboratory

work for companies in the US and Europe. Innovasynth's products fulfil the odour requirements of the end-products, which is a primary requirement in this field.

Fine chemicals/intermediates: Innovasynth deals with big US catalogue companies to develop and provide high value fine chemicals and intermediates. It also negotiates with European fine chemical companies to participate in the outsourcing programs of these companies.

Nutraceuticals: Innovasynth has recently made a foray into this area. It has already developed 2-3 products, which are currently being marketed in the US. About 15 plants are currently under study for development.

Manufacturing facilities

Innovasynth has its manufacturing and research facilities spread over 33-hectares of land in Khopoli, near Mumbai. The sprawling integrated complex has excellent infrastructure facilities for contract R&D, custom synthesis and contract manufacturing — right from research and process development, to full-scale production. At Khopoli, the company has five manufacturing facilities, apart from a plant manufacturing coloured chemicals. In addition to this, it also has a large contract manufacturing facility for manufacturing a speciality intermediate for Ciba Specialty Chemicals Ltd. (Switzerland).

Innovasynth also boasts of five laborato-

ries at Khopoli, of which one is for nucleosides, one for nutraceuticals and the rest for pharma and other chemicals. It also has 2 kilo-labs — one for nucleosides and the other for non-nucleosides. The R&D laboratories are recognised by the Department of Science & Technology (DST), Government of India and by the Bombay University, as a centre for post-graduate research.

Joint venture

Innovasynth has formed a Limited Liability Company, AustinInnova LLC, with Austin Chemical Company, USA, which is a \$130-mn company mainly involved in business of development and implementation for supply of intermediates and raw materials to major pharma companies in USA and Europe.

Innovasynth has also formed a Limited Liabilities Company named Austin-Innovasynth Technologies LLC in USA, again in collaboration with Austin Chemical Company, for strategic business development and project management processes to better serve international customers.