

PATENTS

During 2008-09, the institute filed 18 patents in India while 10 patents were filed abroad. The details are given below:

Patents Filed in India

- A process for the production of anti-*listerial bacteriocin*
- An improved process for the preparation of antioxidant concentrate from oilseed cake
- A process for the preparation of carotenoid enriched oleoresin from marigold flowers
- Green tea nutraceutical ice cream
- A process for the preparation of bio-oleoresins from spices
- A process for the production of coconut beverage
- A process for the production of coconut spread based on mature coconut-water concentrate and coconut dietary fibre
- Gingerols enriched ginger conserve
- A bioactive polysaccharide from turmeric (*Curcuma Longa*) and a process for the preparation thereof
- A process for the production of milk clotting enzyme from *Aspergillus oryzae* MTCC 5341
- A process for the preparation of detoxified *Simarouba Clauca* oilseed meal
- Radical scavenging water soluble yellow colourant turmeric formulation
- A process for the production of cured rice from freshly harvested aromatic rice
- A process for the preparation of water soluble amino acid conjugates of curcumin
- A process for the production of virgin coconut oil
- A device for making twisted snack product
- Novel O, O-Dialkyl/ Aryl/ Arylalkyl phosphrothioates
- An immobilized enzyme based biosensor for measurement of tea polyphenols

Patents filed Abroad

Title	Country
• A process for the degradation of mycotoxins by a biocatalyst	Australia
• An inhibitor compound and its isolation and method of treatment against pancreatic lipase for use as an anti-obesity agent	US, European Patent Office
• An improved process for preparation of soya protein concentrate with improved functional properties	Japan
• A process for outdoor cultivation of microalgae (<i>Botryococcus sp</i>) for the production of biomass	Indonesia, Malaysia
• A process for preparation of vanilla extract from green beans	WIPO
• A process for the detection of <i>Aspergillus ochraceus</i> by PCR	Srilanka, US
• A process for the preparation of potential antiulcer compounds from ginger (<i>Zingiber officinale</i>) rhizome	US