

Commercialized Patent List
Industrial Technology Institute (ITI)

No	Patent /Applicat ion No	Name of Invention	Names of Inventors	Patent Registration Date	Commercialization Status
Material Technology Section (MTS) Commercialized Patents					
01	13728	Method for Manufacture of Modified Coir Pith for Gas & Oil	Mr. D.S. Samarawickrama Mrs. S.Y. Nanayakkara Dr.M.G.M.U. Ismail Mr. S. Weerarathne	3/9/2006	Technology is commercialized.
02	13695	Method for Conversion of biodegradable Coir pith Materials for removal of Oil Spills water bodies	Mrs. S.Y. Nanayakkara Mr.D.S. Samarawickrama Mr. S. Weerarathne Dr.M.G.M.U. Ismail	7/30/2005	Product technology is already transferred utilizing the methods.
03	13941	Method for Manufacture of Biodegradable Coconut Coir Pith based nursery Pot which doesn't disintegrate when water is absorbed	Ms. K.M. D Silva Mr. Saman Weerarathna Mr. J.T.S. Motha Mr. D.S. Samarawickrama Dr.M.G.M.U. Ismail	12/21/2009	Technology is already transferred
04	15139	Cost Effective Ecofriendly Low Toxic Wood Preservative based on Cashew Nut Shell Liquid	Mr.S. Weerathne Mr.S.K.De Alwis Mr.D.S. Samarawickrama Mr.J.T.S. Motha	7/1/2010	Technology is already transferred.
05	16943	Cost Effective Eco-Friendly Novel Rain Guards Sealant based on Cashew Nut Shell Liquid, for Application on Rubber Trees	Mr. Saman Weerathne Mr. Dineth S Samarawickrama Mr. Ruwan C Wickramasinghe Arachchi	3/15/2016	Technology is already transferred.
06	17575	Processing technology of paper/boards from banana fiber for sorption and slow release applications	Dr.R.S.W. Wijerathnam Ms. M.D.Y. Milani Mr. D.S. Samarawickrema Mr. G.P.C.A. Dharamasiri	3/3/2017	Technology is transferred to two banana fibre processing clients.
07	18248	Purification of natural graphite for preparation of high quality graphite oxide as a value addition	Ms. J.T.S. Thakshila Jayawardane Ms. H.C.D. Priyadarshani Colombage	12/12/2017	Technology is already transferred.

			Mr. M.T.V. Prasad Jayaweera Dr. Iresha Renuka Menike Kottegoda		
08	18302	Regeneration method of red-clay filter for removal of fluoride water	I.P.L. Jayarathna, J.T.S.T. Jayawardane, R.C.W. Arachchi, H.A.M.I.T. Hettiarachchi, I.R.M. Kottegoda	8/23/2019	Product technology is already transferred.
09	19158	Red-clay water filter body composition for removal of arsenic, cadmium and fluoride from water. Sri Lanka Patent	I.R.M. Kottegoda, I.P.L. Jayarathna, J.T.S.T. Jayawardane, R.C.W. Arachchi, H.A.M.I.T. Hettiarachchi	25/01/2017	Technology is already transferred.
10	20447	An apparatus and a method of preparation of graphene and reduced graphene oxide on mass scale in few minutes. Sri	I.R.M. Kottegoda, R.C.L. De Silva	/09/04/2019	Technology is already transferred.
11	16753	Development of Clay filter body with high fluoride binding ability for the remediation of fluoride contaminated water	Dr. Iresha Kottegoda Mr. M.T.V. Prasad Jayaweera	12/12/2017	Technology is already transferred.

**Food Technology Section (FTS)
Commercialized Patents**

01	18030	Processing technology of natural anti-senescence and anti-microbial agents incorporated edible wax formulation for postharvest preservation of perishable fruits	Mr. M.N.P. Gunasekara Dr. R.S.W. Wijerathnam Dr. I.G.N. Hewajulige Mrs. M.G.D.s. Perera	3/20/2018	Commercialized on non-exclusive basis. Product technology is already transferred. Contract manufacturing is possible at ITI (on going)
02	18319	Manufacture of ready -to-serve curry leave beverage	Dr. P.N.R.J. Amunugama Ms. Ramya Pitipanaarachchi Ms. Sudeepama Gamage Walliwala Ms. S.A.S. Jyawardana	3/19/2018	Product technology is already transferred.
03	14462	Unfermented ready to serve Kithul Sap beverage	Mrs. D.I. Rajapakse Mrs.A. Fernando	10/8/2008	Product technology is already transferred to more than 25 clients. Product is commercially available.
04	14274	Process of Manufacturing Poultry food	Dr.Y. Sulthanbava Mr.S.S.K. Madage	7/16/2008	Omega 3 egg technology is already transferred on exclusive basis.

			Mrs. G.D.S.K. Rajapakse Mr.W.U.D. Mendis		Product technology on poultry food is already transferred.
05	14772	Process for the Manufacture of Tuna Skin Gelatin	Dr.Y. Sulthanbava Mr.S.S.K. Madage Mrs. G.D.S.K. Rajapakse Mr.W.U.D. Mendis Mr.R.A.P. Perera	7/1/2008	Technology is already transferred.
06	14271	Process for the Drying of Fish silage using a novel aid	Dr. Y. Sultanbava Mr. S.S.K. Madage Mrs. G.D.S.K. Rajapakse Mr. W.U.D. Mendis Mr.R.A.P. Perera	4/28/2008	Technology is already transferred.
07	13519	Novel Wax Formulation for fruits (Pineapple, King Coconut & Lime)	Dr. R.S. Wilson Mrs. M.G.D.S. Perera	10/7/2009	Product technology is already transferred. Potential to do contract manufacturing at ITI.
08	22358	Processing Technology of Kithul (<i>Caryota urens</i> L. treacle) and coconut (<i>Cocos nucifera</i>) milk based sweetened fat spread	M M N P Gunasekara S S K Madage S A S Jayawardana	Pending	Product / process technology is already transferred to three entrepreneurs
09	12892	Process for the Manufacture of Osmotically Dehydrated Thilapia	Mrs. G D S K Rajapakse Mr. W U D Medis Mr R A P Perera		Technology is already transferred
Engineering Services					
Commercialized Patents					
01	15385	Coconut Husk Feeding machine for fibre extraction	Mr. Anura Sooriya Arachchi	3/14/2011	Machines were fabricated by ITI and distributed for coir manufacturing industries in collaboration with CDA.
Herbal Technology Section (HTS)					
Commercialized Patents					
01	18249	Environmentally friendly controlled release fruit and melon flies' attractive product based on Ocimum extracts and nanocomposite substrate.	Dr. R. M. Dharmadasa Mr. C.H. Manoratne		Technology is already transferred.
02	14438	Biological Control Agent Contaning Bacillus thuringiensis Sri Lankan Isolate for Control of Mosquito Larvae	Dr. R.Samarasekara Ms.I.S.Weerasinghe	3/6/2009	Technology is already transferred.

			Mr.M.L. Peeris Mr.D.A.S. Siriwardana		
03	13759	A new Kithul Activation and Sap Production enhancing reagent (KASPER) as a Ready to Use Treatment Mixture for Kithul Tapping	Dr. G.A.S. Premakumara Mr. P. Ranasinghe Mr. H.P.P.S. Somasiri	4/20/2006	Product technology is already transferred. Contract manufacturing is done at ITI. Product is commercially available.