

Patents obtained by NIFS Scientists

	Patent Number	Novelty Date	Application Subtype	Title	Name of Inventors	Owner
1	P/09772	15/061987	National Patent	A Process for Making Superphosphate Fertilizer from Apatite	Prof.K. Tennakone	Institute of Fundamental Studies [LK]
2	P/09873	15/02/1988	National Patent	A Process For Making Ammonium Phosphate Fertilizers From Eppawala Apatite	Prof.K. Tennakone	Institute of Fundamental Studies [LK]
3	P/10979	1996	National Patent	Dye-sensitized, Nano-porous, Solid-state Photovoltaic Cell n-TiO ₂ /dye/p-Cul, The Registry of Patents and Trade Marks, Sri Lanka	Prof.K. Tennakone and Prof.G. R. R. A.Kumara.	Prof.K. Tennakone and Prof.G. R. R. A. Kumara. Institute of Fundamental Studies [LK]
4	P/11488	31/07/1998	National Patent	Dye-Sensitized Nano-Porous Photoelectro Chemical Cell Made from Tin (IV) Oxide Containing Zinc Oxide	Prof.K. Tennakone, Dr.I.R.M.Kottegoda, Prof.G.R.R.A. Kumara	Prof.K. Tennakone, I.R.M.Kottegoda, Prof.Kumara G.R.R.A. Institute of Fundamental Studies [LK]
5	P/11499	19/08/1998	National Patent	Continuous Flow Reactor for Solar Decontamination of Water	Prof.K. Tennakone, Dr.I.R.M.Kottegoda, Prof.G.R.R.A.Kumara	Prof.K. Tennakone, Dr.I.R.M.Kottegoda, Prof.G.R.R.A.Kumara Institute of Fundamental Studies [LK]
6	P/11982	19/01/2000	National Patent	Dye-sensitized Solid-state solar cell with Copper (I) Bromide-Alkyl Sulphide Complex (CuBr.R ₂ S) as the Positive Charge Collecting p-type Semiconductor material	Prof.K. Tennakone, Prof.G.K.R.Senadeera,	Prof.K. Tennakone, Prof.G.K.R.Senadeera, D.B.R.A.de Silva,Institute of Fundamental Studies
7	P/12330	1/2/2001	National Patent	Dye Sensitized Photoelectrochemical Cell Made from A Film of Magnesium oxide Coated Tin [IV] Oxide	Prof.K.Tennakone, Prof.J.M.S.Bandara, Dr.P.V.V.Jayaweera, Mrs.K.M.P.Bandaranayake,	Prof.K.Tennakone, Prof.J.M.S.Bandara, Dr.P.V.V.Jayaweera, Mrs.K.M.P.Bandaranayake, Institute of Fundamental Studies [LK]
8	P/15958	26/08/2010	National Patent	Biofilmed Biofertilizers for the improvement of Soil Fertility and Crop Production	Prof.S.A.Kulasooriya, Prof. G. Seneviratne, Mr.A.P.D.A.Jayasekara.	Prof.S.A.Kulasooriya,Prof. G. Seneviratne, Institute of Fundamental Studies
9	P/17423	29/10/2013	National Patent	Detection of rpoB,inh A and Kat G equences of Mycobacterium tuberculosis complex.	Prof.D.N. Magana Arachchi	Prof.D.N. Magana Arachchi. Institute of Fundamental Studies & National Research Council
10	P/18728	31/03/2016	National Patent	Method for preparing Surface modified vein graphite through chemical oxidation	Dr. H.W.M.A.C. Wijayasinghe, N.W.B.Balasooriya, Dr.T.H.N.G.Amaraweera	National Institute of Fundamental Studies [LK]
11	P/18729	31/03/2016	National Patent	Method of purification vein graphite by acid leaching to ultra high Purity	Dr. H.W.M.A.C. Wijayasinghe, N.W.B.Balasooriya, Dr.T.H.N.G.Amaraweera	National Institute of Fundamental Studies [LK]

12	P/18730	31/03/2016	National Patent	Method of manufacturing Lithium carbonate coated vein graphite anode for Lithiumion battery	Dr. H.W.M.A.C. Wijayasinghe, N.W.B.Balasooriya, Dr.T.H.N.G.Amaraweera	National Institute of Fundamental Studies [LK]
13	P/19595	14/11/2017	National Patent	A Method of Producing Electrically Conducting and Highly Porous,High-Grade Activated Carbon from Coconut Shells Using A Simple Procedure	Prof.G. R. R. A. Kumara.	National Institute of Fundamental Studies [LK]
14	P/19596	14/11/2017	National Patent	A Method of Recovering Waste Graphite Attached to Wall Rocks in Vein Graphite Mines	Prof.G. R. R. A. Kumara.	National Institute of Fundamental Studies [LK]
15	P/20970	06/02/2020	National Patent	Carica papaya leaf juice for anti-adipogenic and anti-obesity activity	Prpf. P.V.Udagama Dr. V.L.K.Udalamaththa S.Wijeratne Pof.L.Jayasinghe P.Ratnayake	University of Colombo
16	P/20538	2021	National Patent	<i>A herbal distillate to alter proliferation of stem cells using Ficus benghalensis plant parts Patent</i>	Prof.Udagama, P.V., Dr. Udalamaththa, V., Samaratunge, U., Jayasinghe, L. , and Wijeratne, S. .	University of Colombo
17	10-2015-10-1536937	2015	Korea	Method of inhibiting transport of antibiotics in soil usingochars (Sicyos angulatus L.) 10-2015-101-1536937 koria.	Y.S.Ok, Dr.A. Rajapaksha, Prof.M. Vithange and J.E Lim.	
18	10-2013-0020263	2015	Korea	Method for removal of antibiotics in water using steam activated biochar derived from burcucumbar (Sicyos angulatus L)	Y.S. OK, Dr. A. Rajapaksha, Prof.M. Vithanage, LEE, S.S, Park,J.N.	
19	10-2014-0060430	2016	Korea	Activation method of biochar using acid treatment, acid activated biochar and preparing method thereof	Y.S. OK, Dr. A. Rajapaksha, Prof. M. Vithanage, Lim.J, Hwang, E-Nam	
20	104634	2009	Portugese	Method for perpetrating electrochromic links, patents applied by Dreams-portugal 2009, Madan parque-Sul,Quinta da Torre, 2825-149 CAPARICA Portugal	By Claudia Brito da Costa, Prof.G.K. R. Senadeera, Elvira Maria Correia Fortunato and Ines Domingues da silva Henriques.	