

Year	Patent Applications filed	Granted Patents
2015-16 till date	11 Indian	5 Indian Granted, 3 US, 2 Korean
2014-15	35 Indian	10 Indian
2013-14	21 Indian + 18 Foreign	6 Indian, 1 European
2012-13	31 Indian+1PCT International	4 Indian, 1 US
2011-12	33 Indian+6PCT International	5 Indian, 1 European
2010-11	65 Indian	5 Indian, 1 US, 1 South Africa

Patents Granted in FY (2015-16) : 5 Indian, 2 US and 2 Korean

Indian Patent				
S. No	Patent No.	Grant Date	Applicant	Title
1.	266115	01/04/2015	IIT Kharagpur	A multipurpose device for processing of high viscous products in particular dairy and food products
2.	269149	05/10/2008	IIT Guwahati	A process for the production of 9, 9-Dialkyl substituted fluorene monomer and obtaining the polyfluorene polymers (PFC) thereof
3.	268363	09/09/2015	PGIMER, Chandigarh	Root canal irrigation needle
4.	268892	22/09/2015	Shaheed Bhagat Singh College of Engineering, Ferozpur	Method for the manufacture of fully stabilised cubic zirconia
5.	269204	09/10/2015	M D University, Rohtak	Immobilization of proteins onto solid support and its process thereof
US Patent			(Number awaited means after issue fee payment formally patent number will be allotted)	
1.	9077869	07-07-2015	IIT Kharagpur	Method and apparatus for detection and removal of rain from videos using temporal and spatiotemporal properties
2.	Number awaited		IIT Kharagpur	Method and system for removal of fog, mist or haze from images and videos
3.	Number awaited		IIT Kharagpur	Method and Apparatus for detecting the bad pixels in sensor array and concealing the error
South Korea				
1.	Number awaited		IIT Kharagpur	Method and system for removal of fog, mist or haze from images and videos

2	Number awaited	IIT Kharagpur	Method and Apparatus for detecting the bad pixels in sensor array and concealing the error
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Patents Granted in FY (2014-15) : 10 All Indian Patents

S. No	Patent No	Grant Date	Applicant	Title
1.	265132	9/2/2015	Punjab University, Chandigarh	Sustained release pharmaceutical compositions containing curcumin and beta- cyclodextrin
2.	265023	2/2/2015	Panjabi University, Patiala	An improved process for inulinase production
3.	264631	16/01/2015	IIT Delhi, New Delhi	An apparatus decortication of oil fruits/seeds for separation of shell from kernal
4.	264361	26/12/2014	Mohanlal Sukhadia University, Udaipur & Rajasthan State Mines & Minerals Limited, Udaipur	A process for making slow release phosphate fertilizer
5.	263419	28/10/2014	Postgraduate Institute of Medical Education of Medical Education and Research, Chandigarh	A root canal filling material formulation for primary teeth
6.	263277	17/10/2014	Mumbai University Institute of Chemical technology , Mumbai	Novel mesoporous catalysts for industrial process
7.	262489	25/08/2014	Mumbai University Institute of Chemical technology , Mumbai	Catalytic applications of novel nanoporous composite material
8.	262457	22/8/2014	IIT Kanpur	A twin fluid internally mixed swirl atomizer
9.	261764	14/7/2014	Dr. Bhimrao Ambedkar Marathwada University, Aurangabad	Process for production of warfarin acid
10.	261567	30/06/2014	Sant Longowal Institute of Engineering & Technology, Sangrur	Process for large scale hydrogen production from renewable sources

Patents Granted in FY (2013-14) : 6 Indian One European

Indian Patent				
S. No	Patent No.	Grant Date	Applicant	Title
1.	258833	10/02/2014	Bangalore University, Bangalore	Method contaminated water
2.	259668	21/03/2014	DST, New Delhi	A Process for Vapour Phase Alkylation Reaction
3.	258569	21/01/2014	DST, New Delhi	Fingerprint developing composition and method thereof
4.	257942	20/11/2013	IIT Kharagpur	A bio fuel additive for diesel engines
5	257820	07/11/2013	Nuclear Science Center	Electronic module for gamma ray spectroscopy system
6.	257189	10/09/2013	Chandigarh Housing Board, Chandigarh	A syphonically operated flushing device
European Patents				
1.	EP2222887	4/10/2013	Anna University, University of Hyderabad	Non stoichiometric titanium nitride films

Patents Granted in FY (2012-13) : 6 Indian and 1 US

Indian Patents				
S.No	Patent No.	Grant Date	Applicant	Title
1.	255661	13/03/2013	ICAR, New Delhi	A mechanical system for chopping and crushing of water hyacinth
2.	253807	13/09/2012	IIT Kharagpur	A process of configuring micro sized channels having improved inclination and for enhancement of boiling heat transfer over the plane surface
3.	253740	22/8/2012	Panjab University, Chandigarh	A modified poultry feed for production of eggs
4.	252287	07/05/2012	DST, New Delhi and University of Hyderabad, Hyderabad	Remote functionalised diaminodicyanoquinodimethanes having enhanced fluorescence in the solid state
5.	251192	29/2/2012	Calcutta University, Kolkata	Bio-sensor for detecting allergens
6.	250881	3/2/2012	AIIMS & DST, New Delhi	A herbal ophthalmic formulation of curcuma longa for delaying the onset

				and progression of cataract"
US Patents				
1.	US8178134	15/05/2012	DIPSAR, Delhi	Synergistic herbal ophthalmic formulation for lowering intraocular pressure in case of glaucoma

Patents Granted in FY (2011-12) : 5 Indian				
S. No	Patent No.	Grant Date	Applicant	Title
1.	251753	30/03/2012	M. L. V. Textile Institute, Bhilwara	A manual fabric drying device
2.	251753	30/03/2012	Chaudhary Charan Singh University, Meerut	A method for the preparation of plasticizer
3.	251576	24/03/2012	Indian Institute of Technology, Kanpur	An improved tandoor
4.	251416	12/03/2012	Chaudhary Charan Singh University, Meerut	A methods of preparing novel organic thermal stabilizer
5.	251192	29/2/2012	Calcutta University, Kolkata	Bio-sensor for detecting allergens

Patents Granted in FY (2010-11) : 5 Indian and 1 US				
Indian Patents				
S.No	Patent No.	Grant date	Applicant	Title
1.	245820	02/02/2011	DST, New Delhi	Novel diallyldisulphide compounds having antilipidemic and antioxidant activity
2.	245062	30/12/2010	Nuclear Science Centre, Delhi, New Delhi	A linear bipolar current regulated dc power supply for inductive loads
3.	244112	18/11/2010	JNU, New Delhi	A novel process and apparatus for producing metal nanoparticles
4.	241650	17/07/2010	University of Delhi, Delhi	The process for the synthesis of bisbenzimidazoles and its derivations
5.	239946	13/04/2010	D ST, New Delhi and	An improved RF electrode system for

Ministry of Non-
Conventional Energy
Sources, New Delhi

depositing large area uniform
hydrogenated silicon films

US Patent

1.	US7691171	06/4/2010	DST, New Delhi	Process for the manufacture of bio-release iron-manganese fertilizer
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