

**List of Patents Filed/Granted to Dept. of BT and BI, JUIT**

**Patent Granted: 10**

<b>S.No.</b>	<b>Patent No. and Date of Grant</b>	<b>Application no.</b>	<b>Title</b>	<b>Department and Inventors</b>
1	339610 and 29 June 2020	1865/DEL/2010	A Halotolerant and Thermostable Lipase Enzyme from <i>Staphylococcus Arlettae</i>	<b>Biotechnology and Bioinformatics</b> R.S. Chauhan, T. Anwar, A. Mathur, A. Malhotra, G. Mathur
2	339128 and 23 June 2020	362/DEL/2013	A process of preperation of nutrient medium useful in enriching Medicinal constituents in shoot cultures of <i>Swertiya Chirayita</i>	<b>Biotechnology and Bioinformatics</b> <b>Hemant Sood</b> , S.Gulati.S Bakshi,BS sandhu ,Varun Kumar and Dr Rajinder Singh Chauhan
3	324990 and 14 November 2019	499/DEL/2010, 05 March 2010	Novel method for production of sea buckthorn wine and wine thereof.	<b>Biotechnology and Bioinformatics</b> <b>Dr. Gargi Dey, Dr. Bharti Negi</b>
4	329887 and 22/01/2020	1940/DEL/2012	An economical and improved isolation process of antitumor triterpenoid Lantedene b from weed <i>Lantana camara L</i>	<b>Biotechnology and Bioinformatics &amp; Pharmacy</b> Manu Sharma and S S Kumar
5	327618 and 18 <sup>th</sup> Dec 2019	551/DEL/2012	Isolation and purification of Picoside-I AND Picoside--II	<b>Biotechnology and Bioinformatics</b> Hemant Sood ,V.Kumar & RS Chauhan
6	304824 and 21 <sup>st</sup> December, 2018	139/DEL/2011	Process of production of cellulase and pectinase from herbal industry residue	<b>1. Biotechnology and Bioinformatics</b> <b>2. Ayurvet Limited</b> Sudhir Kumar, Mamta Kumari, RS Chauhan, K Ravikanth
7	302295 and 22 <sup>nd</sup> October, 2018	2867/DEL/2011, 4 <sup>th</sup> October, 2011	An improved process of conversion of Lantadene A and B to reduced Lantadene A and B"	<b>Biotechnology and Bioinformatics &amp; Pharmacy</b> Manu Sharma and SSKumar

8	295996 and 23 <sup>rd</sup> April, 2018	163/DEL/2009, 29 Jan. 2009	A process of enriching the amount of medicinal compound Picroside -1 in shoots of medicinal herb of <i>Picrorhiza kurroa</i> .	<b>Biotechnology and Bioinformatics</b> Hemant Sood & RS Chauhan
9	326997 and 09 December, 2019	292/DEL/2010, 11 Feb. 2010	Gene markers for selection and development of high oil content <i>Jatropha</i> .	<b>Biotechnology and Bioinformatics</b> R. S. Chauhan , A. Sharma and P. Sood
10	251481 and 20 <sup>th</sup> March, 2012	12161/DEL/2007	A Novel Dye composition prepared from plant parts of <i>Lawsonia inermis</i> (Henna) and the method of preparation thereof.	<b>Biotechnology and Bioinformatics</b> C. Tandon , A. Chaudhary , S. Gupta and S. Jain

#### Patents Filed: 06

S.No.	Application no. & Date of Filing	Title	Department and Inventors
1	1922/DEL/2012, 22 Dec. 2012	Proposed biosynthetic pathway for the production of Picroside 1 and Picroside II and their intermediates in <i>Picrorhiza kurroa</i>	Dept. of BT&BI Chauhan R.S., Kumar V., Sood H., Pandit S., Shitiz K.
2	1631/DEL/2012, & 30 <sup>th</sup> May, 2012	INDITECH - A novel bioreactor	Dept. of BT&BI Shivam Sharma, Hemant Sood and RS Chauhan
3	396/DEL/2013, 12 Feb. 2013	Automated computer aided diagnosis using chest X-ray.	Dept. of BT&BI Rout C., Chauhan A., Chauhan, R.S., Chauhan, D.
4	1161/DEL/2014 A, April 2014	Non-Natural short cationic antimicrobial lipopeptides.	Dept. of BT&BI Bisht G. S., Lohan S.
5	201711024373	Novel Thiazole compounds, process for preparing the same and pharmaceutical formulation thereof	<b>University of Delhi</b> Ram Singh, Deepak Mishra, Atiya Fatima, Late Dr. Chittranjan Rout ( <b>from JUIT</b> ), Vineet Mehta, Udayabanu malairaman, Mamta Chaudhary
6	20201100265, 17 January, 2020	Metal extraction from e-waste using cyanogenic waste	Dept. of BT&BI Sudhir Kumar, Anil Kumar