

List of Patents Filed/Granted to JUIT

Patent Granted: 11

S.No.	Patent No. and Date of Grant	Application no.	Title	Department and Inventors
1	339610 and 29 June 2020	1865/DEL/2010	A Halotolerant and Thermostable Lipase Enzyme from <i>Staphylococcus Arlettae</i>	Biotechnology and Bioinformatics R.S. Chauhan, T. Anwar, A. Mathur, A. Malhotra, G. Mathur
2	339128 and 23 June 2020	362/DEL/2013	A process of preparation of nutrient medium useful in enriching Medicinal constituents in shoot cultures of <i>Swertia Chirayita</i>	Biotechnology and Bioinformatics Hemant Sood , S.Gulati.S Bakshi,BS sandhu ,Varun Kumar and Dr Rajinder Singh Chauhan
3	329887 and 22 January 2020	1940/DEL/2012	An economical and improved isolation process of antitumor triterpenoid Lantedene b from weed <i>Lantana camara L</i>	Biotechnology and Bioinformatics & Pharmacy Manu Sharma and S S Kumar
4	324990 and 14 November 2019	499/DEL/2010, 05 March 2010	Novel method for production of sea buckthorn wine and wine thereof.	Biotechnology and Bioinformatics Dr. Gargi Dey, Dr. Bharti Negi
5	327618 and 18 th Dec 2019	551/DEL/2012	Isolation and purification of Picoside-I AND Picoside--II	Biotechnology and Bioinformatics Hemant Sood ,V.Kumar & RS Chauhan
6	319102 and 27 August 2019	2443/DEL/2009	An embedded system for analysis of microstrip like interconnects	Electronics and Communication Engineering Sharma, R.
7	304824 and 21 st December, 2018	139/DEL/2011	Process of production of cellulase and pectinase from herbal industry residue	1. Biotechnology and Bioinformatics 2. Ayurvet Limited Sudhir Kumar, Mamta Kumari, RS Chauhan, K Ravikanth
8	302295 and 22 nd October, 2018	2867/DEL/2011, 4 th October, 2011	An improved process of conversion of Lantadene A and B to reduced Lantadene A and B"	Biotechnology and Bioinformatics & Pharmacy Manu Sharma and

				SSKumar
9	295996 and 23 rd 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> .	Biotechnology and Bioinformatics Hemant Sood & RS Chauhan
10	326997 and 09 December, 2019	292/DEL/2010, 11 Feb. 2010	Gene markers for selection and development of high oil content <i>Jatropha</i> .	Biotechnology and Bioinformatics R. S. Chauhan , A. Sharma and P. Sood
11	251481 and 20 th 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.	Biotechnology and Bioinformatics C. Tandon , A. Chaudhary , S. Gupta and S. Jain

Patent granted to other institutes with Inventor in JUIT

S.No.	Patent No. and Date of Grant	Application no. & Date of Filing	Title	Department and Inventors
1	339820 and 29 June 2020	325/DEL/2015	Energy Harvesting Footwear	Joint Proposal – DIHAR, Leh (DRDO), NMRL - Maharashtra and Deptt. of ECE, JUIT Mr. Ritendra Mishra, Dr. Sunil Hota, Col. Vasant Ballawar, Dr. Ravi Bihari Srivastava, Dr. Chadalapaka Durgaprasad, Dr. Shruti Jain (from JUIT) Patent granted to DRDO

Patents Filed: 9

S.No.	Application no. & Date of Filing	Title	Department and Inventors
1	1632/DEL/2012, 30 May 2012	A method of character recognition in a textual document	Dept. of ECE Bhushan S., Kumar V., Khanna R. et al (9 inventors)
2	1631/DEL/2012,	“INDITECH - A novel bioreactor	Dept. of BT&BI

	& 30 th May, 2012		Shivam Sharma, Hemant Sood and RS Chauhan
3	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.
4	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.
5	2867/DEL/2013	Microstrip antenna's planer array for ultralow side lobe level for x-band	Kha, S. Department of Physics and Material Science
6	1161/DEL/2014 A, April 2014	Non-Natural short cationic antimicrobial lipopeptides.	Dept. of BT&BI Bisht G. S., Lohan S.
7	201711024373	Novel Thiazole compounds, process for preparing the same and pharmaceutical formulation thereof	University of Delhi Ram Singh, Deepak Mishra, Atiya Fatima, Late Dr. Chittranjan Rout (from JUIT) , Vineet Mehta, Udayabanu malairaman, Mamta Chaudhary
8	201811013952, 12 April, 2018	Smart Medicine Dispenser	Department of Electronics & Communication Engineering, THDC Institute of Hydropower Engineering & Technology (Constitute Institute of UTU), Govt.of Uttarakhand Purnendu Shekhar Pandey, Dr. Mayank Singh, Dr. Sandhya Tarar, Umang Kant, Dr. P. K. Gupta (from JUIT) , Dr. Sanjeev Kumar Raghuwanshi, Prof.G.S.Tomar, Dr. Viranjay M.

			Srivastava
9	10 20201100265, 17 January, 2020	Metal extraction from e- waste using cyanogenic waste	Dept. of BT&BI Sudhir Kumar, Anil Kumar