

List of Patents/Copyright/Design filed: 72

Patents Filed: 58

Sr. No.	Title of Invention	Inventor(s)	Address of Inventor(s)	Year	Date	Application No.
1.	Process of preparing cellulose and protease enzyme complex cud liquor from cattle and buffalo cud for biodegradation of organic material	Gopal Krishna	Deptt. of Animal Nutrition, CCSHAU Hisar	2003	02.04.2003	82/DEL/2002
2.	An anti theileriosis vaccine	R.D. Sharma Anil Kumar Nichani	Deptt. of VEPM, CCSHAU Hisar	2004	14.05.2004	880/DEL/2004
3.	A storage device for an enhanced period storage of agro products	M.C. Kashyap, Surjeet Jain	Deptt. of Processing & Food Engineering, COAE&T, CCSHAU Hisar	2005	04.01.2005	25/DEL/2005 06.01.2005
4.	A highly specific simple colorimetric quality control means for Rhizobial liquid inoculants	P.K. Sharma, Rajesh Gera, Baljeet Singh Kundu	Deptt. of Microbiology COBS&H, CCSHAU Hisar	2007	01.02.2007	210/DEL/2007
5.	A novel culture medium for plant tissue culture studies	Pushpa Kharb, Praveen Batra, Neeru Narula	Deptt. of BMB, COBS&H, CCSHAU, Hisar	2007	21.02.2007	356/DEL/2007
6.	Development of low cost powder formulation of native strains of Bascillus Thuringenesis against Helicoperva armigera	Kamla Chaudhary, Harish Dhingra, K.S. Boora	Deptt. of BMB, COBS&H, CCSHAU, Hisar	2007	10.04.2007	787/DEL/2007
7.	A fibre rich biscuit and a process for the preparation thereof	N. Khetrapaul	Dept. of Foods and Nutrition, COHS, CCSHAU Hisar	2007	01.06.2007	1182/DEL/2007
8.	A simple method for establishing of in vitro regenerated plants of chick-pea in soil	K.S. Boora, Kamla Chaudhary, Neelam Rani Yadav, S.S. Sindhu	Deptt. of BMB, COBS&H, CCSHAU Hisar	2008	16.01.2008	137/DEL/2008 16.01.2008
9.	A simple method for identification of Neovossia indica isolates	Veena Chawla, Minakshi Jattan, Neelam Rani Yadav	Deptt. of G&PB, COA, CCSHAU Hisar	2009	30.04.2009	Ref.# PAT/4.22.1/08097
10.	Fluorescence polarization assay for the diagnosis of brucellosis in buffaloes	Puran Chand, Manish Kumar	Deptt. of Vety. Microbiology, CCSHAU Hisar	2009	21.07.2009	1065/DEL/2010 06.05.2010
11.	Protein-G based technology for the diagnosis of brucellosis in buffaloes	Puran Chand, Manish Kumar	Deptt. of Vety. Microbiology, CCSHAU Hisar	2009	21.07.2009	1064/DEL/2010 06.05.2010

12.	Development of noodles rich in protein utilizing spent Hen Meat.	Nita Khanna, Surender Kumar	Deptt. of APT	2009	04.11.2009	Regd. PAT/4.4.4/09048
13.	Antistress effect of Indian gooseberry (<i>Emblica officinalis</i>) and probiotic on the performance of broilers during hot humid weather	R.K.Sharma, Madeeha Untoo	Deptt. of LPM, COAS, CCSHAU, Hisar	2010	29.06.2010	Regd. IPR/4.18.1/10038
14.	SCAR marker based identification of sex in Jojoba	Pushpa Kharb, Surender, Charu Mitra	Deptt. of BMB, COBS&H, CCSHAU Hisar	2010	02.07.2010	1563/DEL/2010 02.07.2010
15.	Expeditious fermentation of wheat grains into ethanol for fuel use	S.S. Dhamijia, Seema Sangwan	Deptt. of Microbiology, COBS, CCSHAU, Hisar	2010	13.07.2010	Regd. IPR/4.9.5/10041
16.	Fractionated renewable reject boosts ethanolic fermentations of starchy and sugary raw materials	S.S. Dhamijia, Seema Sangwan	Deptt. of Microbiology, COBS, CCSHAU, Hisar	2010	13.07.2010	Regd. PAT/4.19.6/10039
17.	An eco-friendly way of surface sterilization of explant in tissue culture	Pushpa Kharb, Praveen Batra, Pavitra, Manjula Vasudeva, V.K. Chowdhury	Deptt. of BMB, COBS&H, CCSHAU Hisar	2010	11.08.2010	1876/DEL/2010 11.08.2010
18.	Effect of inorganic sulphate supplementation on performance of turkey broilers in fish meal free ration	Vishal Sharma, R.K. Sharma	Deptt. of LPM, COAS, CCSHAU, Hisar	2011	27.05.2011	0399/DEL/2013
19.	Novel biochemical technique to estimate alpha1 acid glycoprotein concentration in cow and buffalo milk	Sandeep Gera, Anirban Guha	Deptt. of Vety. Phisiology & Biochemistry	2011	03.10.2011	under process
20.	Novel Biochemical Technique to estimate calcium concentration in cow and buffalo milk	Sandeep Gera, Anirban Guha	Deptt. of Vety. Phisiology & Biochemistry	2011	03.10.2011	under process
21.	Novel Biochemical Technique to estimate magnesium concentration in cow and buffalo milk	Sandeep Gera, Anirban Guha	Deptt. of Vety. Phisiology & Biochemistry	2011	03.10.2011	under process
22.	Novel Biochemical Technique to estimate milk urea nitrogen concentration in cow and buffalo milk	Sandeep Gera, Anirban Guha	Deptt. of Vety. Phisiology & Biochemistry	2011	03.10.2011	under process
23.	Detection of Alpha1 Acid Glycoprotein in healthy and subclinical mastitis milk in buffalo	Sandeep Gera, Anirban Guha	Deptt. of Vety. Phisiology & Biochemistry	2011	03.10.2011	under process
24.	An efficient method for	Ram Chander Yadav,	Deptt. of MBB,	2012	05.05.2012	under process

	Transformation in Tomato Variety Hisar Arun	Teena Rani, Neelam Rani Yadav	COBS&H, CCSHAU Hisar			
25.	Water Application attachment on Seed Drill for Dryland Farming	Vijaya Rani, Yuvraj Kasal	Deptt. of FM&PE, COAE&T	2012	23.11.2012	under process
26.	Scar Marker based identification of sex in Simarouba glauca DC	Santosh Dhillon, Chetan Kumar Choudhary, Khazan Singh Boora, Pushpa Kharb, Ravinder Dhillon	Deptt. of MBB, COBS&H	2013	18.04.2013	under process
27.	Development of Pearl Millet and Rice based Gluten free biscuits	Aanchal Johari, Asha Kawatra	Dept. of Foods and Nutrition, COHS, CCSHAU Hisar	2014	01.02.2014	Under process
28.	Bead Stringer	Sudesh Gandhi, Manju Mehta, Mamta Dilbahgi, D.K. Sharma	Deptt. of Family Resource Management, COHS	2014	22.05.2014	IPR/FA/14018/2014
29.	Improved Solar Cooker (Solar Hara)	Y.K. Yadav, M.K. Garg, Yadvika	Deptt.of Processing and Food Engineering, COAE&T	2014	22.05.2014	IPR/FA/14017/2014
30.	Siti Stand Workstation	Arpana Rai, Sudesh Gandhi, D. K. Sharma	Deptt. Of Family Resource Management, COHS	2014	18.06.2014	IPR/FA/14021/2014
31.	A Novel Compound And A Method Thereof	Rajvir Singh, Nikhil, Raman Kumar Walia	Deptt. of Chemistry& Biochem., COBS&H,	2017	31.03.2017	201711011738
32.	A method for removal of Gossypol from cotton seed products	Shiwani Mandhania, Rajvir Singh Sangwan, Arun Janu	Cotton Section G&PB, COA, CCSHAU, Hisar	2018	09.02.2018	201811004928
33.	An Efficient Method For Transformation In Pigeon Pea	Pushpa Kharab, Praveen Batra, Rakshita Singh	Deptt. of MBB&B, COBS&H, CCSHAU, Hisar	2018	30.03.2018	201811012099
34.	An Efficient Method For Transformation In Monocots	Pushpa Kharab, Ms. Rakshita Singh, Upendra Kumar	Deptt. of MBB&B, COBS&H, CCSHAU, Hisar	2018	30.03.2018	201811012100
35.	An Instant Probiotic Lassi Powder And Method Thereof	Anju Gaina, Kritika Rawat, Rakesh Kumar, Rakesh Gehlot, Raj Bala Grewal	Centre of Food Science and Technology, CCSHAU, Hisar	2018	04.05.2018	201811016859
36.	Biological Fungicidal Formulation And Method Thereof	Kishor Kumhar	Department of Vegetable Science, COA, CCSHAU, Hisar	2018	20.07.2018	201811027094

37.	Hands Free Honey Bee Observation Grid Frame	Sumit Saini Om Pal Chaudhary Vadde Anoosha	Department of Entomology, COA, CCSHAU, Hisar	2018	24.12.2018	201811048894
38.	Universal Strip Hanger Cum Spacer	Om Pal Chaudhary	Regional Research Station, Karnal – 132001, Haryana, India	2019	19.03.2019	201911010657
39.	An Integrated Paddy Thresher With Dryer, De-Husker And Polisher	Mukesh Jain, Kanchan K. Singh Santosh Satya	FMPE, COAE&T, CCSHAU, Hisar	2019	22/07/2019	201911029503
40.	Field Operable Genome Enabled Solution For Yellow Rust Detection In Wheat	Neelam R. Yadav Rizwana Rehsawla Rajender Singh	Department of Molecular Biology, Biotechnology and Bioinformatics. COBS&H, CCSHAU, Hisar	2019	06/08/2019	201911031820
41.	An Agricultural Machine For Harvesting Root Vegetables	Vinod Kumar Vijaya Rani Mukesh Jain	Department of Farm Machinery and Power Engineering, COAE&T, CCSHAU	2019	17/09/2019	201911037367
42.	Improved method for synthesis of silver nanoparticles using glycyrrhiza glabra	Pushpa Kharb, Kanika Rani Nisha Devi Prakash Banakar	Department of Molecular Biology, Biotechnology & Bioinformatics, COBS&H, CCSHAU, Hisar	2020	28/04/2020	202011018196
43.	Surface plasmon resonance based dna biosensor for The detection of puccinia striiformis f. Sp. Tritici and method thereof	Neelam R Yadav, Rizwana Rehsawala,	Department of Molecular Biology, Biotechnology & Bioinformatics, COBS&H, CCSHAU, Hisar	2020	30/05/2020	202011022741
44.	Electrochemical based genosensor for the Detection of puccinia striiformis f. Sp. Tritici and method thereof	Neelam R Yadav Rizwana Rehsawla Nidhi Dhull Savita Sharma Monika Tomar Vinay Gupta	Department of Molecular Biology, Biotechnology & Bioinformatics, COBS&H, CCSHAU, Hisar	2020	26/06/2020	202011027298
45.	A Machine For Removal of Straw	Anil Kumar	Deptt. Of FMPE,	2020	30/07/2020	202011032635

	From Harvested Crops	Vijaya Rani Mukesh Jain Parvesh Antil Kanishk Verma Nitin Karwasra	COAE&T, CCSHAU, Hisar			
46.	Process For Preparing Synbiotic Watermelon Jam And The Product Thereof	Anju Kumari Modiri D. Setlhoka Rakesh Kumar Rakesh Gehlot	CFST, Chaudhary Charan Singh - Haryana Agricultural University, Hisar, Haryana 125004	2020	31/07/2020	202011032917
47.	Method For Biogenic Synthesis Of Silver Nanoparticles Using Aqueous Fruit Extract Of Momordica Balsamina	Pushpa Kharab, Nisha Devi, Kanika Rani	Department of Molecular Biology, Biotechnology & Bioinformatics, COBS&H, CCSHAU, Hisar	2021	30.07.2021	202111034292
48.	Method for synthesis of silver nanoparticles using aqueous, acetone and ethanol leaf extracts of euryale ferox salisb. (makhana)	Pushpa Kharab, Nisha Devi, Kanika Rani	Department of Molecular Biology, Biotechnology & Bioinformatics, COBS&H, CCSHAU, Hisar	2021	30.07.2021	202111034444
49.	Green synthesis of silver nanoparticles using aqueous root extract of trivrit (operculina turpethum linn.) And their antimicrobial potentiality	Pushpa Kharab, Nisha Devi, Kanika Rani	Department of Molecular Biology, Biotechnology & Bioinformatics, COBS&H, CCSHAU, Hisar	2021	30.07.2021	202111034445
50.	Processing of low cost novel feedstock for production of Microbial metabolite thereof	Seema Sangwan Pankaj Sharma Harpreet Kaur	Department of Microbiology, COBS&H CCSHAU, Hisar	2021	07/09/2021	202111040446
51.	Double Entrance Honeybee Hive For Pollination In Enclosures	Om Pal Chaudhary Rinku Poonia Ajay	Department of Entomology, Regional Research Station, CCS Haryana Agriculture University, Karnal, Haryana-132001	2021	01/11/2021	202111050017
52.	Functional Yoghurt Enriched With Spray Dried Wheatgrass Powder	Roopa H Anju Kumari	CFST, CCS Haryana Agriculture	2021	25/11/2021	202111054589

		Anil Panghal Rakesh Kumar	University, Hisar, Haryana-125004			
53.	A Machine For Detopping Of Root Vegetables	Sunil Kumar Arun Kumar Attkan Anil Panghal Nitin Kumar Ravi Gupta	Department of Processing & Food Engineering, COAE&T	2021	30/12/2021	202111061761
54.	Pearl Millet Choco Bars	Tanvi Bansal Dr. Asha Kawatra	Department of Food and Nutrition, COHS, CCSHAU, Hisar	2022	29/01/2022	202211004924
55.	Azolla Based Shrimp Feed	Khushbu Rachna Gulati	College of Fisheries Science, CCSHAU	2022	18/02/2022	202211008729
56.	Pressure based Portable Fish Hatchery Unit	Rachna Gulati Paramveer Singh	College of Fisheries Sciences, CCSHAU	2022	11/07/2022	202211039837
57.	Bottle gourd (Lagenaria siceraria) tablet preparation with its powder incorporated with biocellulose from Gluconacetobacter liquefaciens a method thereof	Anju Kumari Anil Panghal Ritu Rakesh Kumar Bharti Dixit Rakesh Gehlot D S Duhan Vinod Kumar	CFST, CCSHAU, Hisar.	2022	30/09/2022	202211056545
58.	Method For Xylan Extraction From Corncob And Wheat Bran	Sushil Nagar Kajal Kumari Vinod Kumar	Department of Biochemistry, COBS&H CCSHAU, Hisar	2022	30/09/2022	202211056375

Copyright Filed: 06

Sr. No.	Title of Invention	Inventor(s)	Address of Inventor(s)	Year	Date	Application No.
1.	Educational media in form of a CD to educate the women and adolescents girls regarding causes and symptoms of developmental disabilities	Shakuntla Punia, Rashmi Goyal	Deptt. of HDFFS, COHS, CCSHAU, Hisar	2011	28.03.2011	under process
2.	Personality assessment tool	Renu Joshi, C.C.K SINGH	Dept. of HDFFS, COHS, CCSHAU	2023	23/05/2023	13537/2023- CO/L
3.	Web Based Application For Analysis Of Asymmetrical Lattice	O.P. Shoeran Vinay Kumar	Dept. of Math & Stat., COBS&H, CCSHAU	2023	10/06/2023	15436/2023- CO/SW
4.	Web Based Application For Analysis Of Lattice Design (Symmetrical)	O.P. Shoeran Vinay Kumar	Dept. of Math & Stat., COBS&H, CCSHAU	2023	10/06/2023	15443/2023- CO/SW
5.	Web Based Application For Analysis Of Triple Test For Back Cross Data	O.P. Shoeran Vinay Kumar	Dept. of Math & Stat., COBS&H, CCSHAU	2023	10/06/2023	15444/2023- CO/SW
6.	Development Of Web Based Application For Analysis Of Triple Test Cross	O.P. Shoeran Vinay Kumar	Dept. of Math & Stat., COBS&H, CCSHAU	2023	10/06/2023	15446/2023- CO/SW

Design Filed: 08

Sr. No.	Title of Invention	Inventor(s)	Address of Inventor(s)	Year	Date	Application No.
1.	Bael fruit pulper Machine	Rinku Grover, Vijay K. Singh, D. K. Sharma	Department of Processing & Food Engineering, COAE&T	2022	03/10/2022	371933-001
2.	Motile Cattle Feeding Trolley	Khushaboo Manju Mehta	Dept. of Family Resource Management, COHS, CCSHAU, Hisar	2022	04/10/2022	371981-001
3.	Image Processing Based Automated Grader For Kinnow	Sachin, Vijay Kumar Singh, Sunil Kumar	Department of Processing & Food Engineering, COAE& T	2022	31/10/2022	373281-001
4.	Handicraft Chair	Aysha, Meenu Manju Mehta,	Dept. of Family Resource Management, COHS, CCSHAU, Hisar	2023	20/05/2023	386667-001
5.	Motile Milking Stool	Aysha, Meenu Manju Mehta,	Dept. of Family Resource Management, COHS, CCSHAU, Hisar	2023	20/05/2023	386668-01
6.	Scholar's Chair	Meenu, Aysha, Manju Mehta,	Dept. of Family Resource Management, COHS, CCSHAU, Hisar	2023	20/05/2023	38669-001
7.	UV-C Treatment Chamber	Sushant Bhardwaj, Vijay Kumar Singh, Nitin Kumar, Sunil Kumar	Department of Processing & Food Engineering, COAE& T	2023	20/05/2023	386670-001
8.	Versatile Handy Trolley	Aysha, Meenu Manju Mehta,	Dept. of Family Resource Management, COHS, CCSHAU, Hisar	2023	20/05/2023	386671-001