

List of Patents/Copyright/Design Granted: 33

Sr. No.	Technology Protected/ Patented	Inventor(s)	Granted on	Patent/ Protection Details
1.	A Process of development of Anti- theileriosis vaccine	R.D. Sharma, Anil Kumar Nichani COVS	Patent Granted on 05.12.2005 in Sri Lanka, 01.06.2007 in Morocco & on 28.12.2007 in OAPI	Sri Lanka- Patent No. WO 2005/109991 A3 , Morocco- Patent No. 28656 & OAPI- Patent No. 13625
2.	A process for Preparation of Diagnostics Reagent for testing of HS	Parul Sharma, R. S. Khokhar, COVS	Patent Granted on 30.03.2009	Patent No. – 233446
3.	A new laboratory method for production of <i>Pasteuria penetrans</i>	Raman K. Walia, Anil Kumar, Satish Kumar Mehta COA	Patent Granted on 11.11.2010	Patent No. – 243958
4.	A Process of preparation of Tissue Culture Medium for enhancing <i>in-vitro</i> Plantlet Regeneration in Air Yam Plant using Bacterial Culture Supernatant	Pushpa Kharb, Praveen Batra Vijay Chowdhury Kanta Dahiya, Victoria Yadav, Neeru Narula, Santosh Dhillon, COBS&H	Patent Granted on 22.07.2011	Patent No. 248511
5.	A process of testing urea in Milk & Solutions thereof	Gulshan Narang, R.S. Khokhar COVS	Patent Granted on 06.01.2012	Patent No. 250500
6.	A Novel Process of Genetic Transformation in Chickpea using <i>Agrobacterium</i>	Pushpa Kharb Praveen Batra Vijay Chowdhury COBS&H	Patent Granted on 23.05.2012	Patent No. 252590
7.	Development of low cost liquid formulation of native strains of <i>Bascillus thuringensis</i> against <i>Helicoperva armigera</i>	Kamla Chaudhary, Harish Dhingra, K.S. Boora COBS&H	Patent Granted on 03.08.2012	Patent No. 253532
8.	A method for the estimation of multi residue in milk and milk products	Beena Kumari COA	Patent Granted on 10.12.2013	Patent No. 258152
9.	An axial flow seed Thresher	N. K. Bansal B. S. Dahiya S. K. Lohan COAE&T	Patent Granted on 27.05.2014	Patent No. 260889
10.	A novel process of detection of Buffalo (<i>Buballus bubalis</i>) Tissue using novel set of	Gaya Prasad Hari Singh Minakshi COVS	Patent Granted on 03.07.2014	Patent No. 261631

	primers.			
11.	"A novel process of detection of cattle tissue using cattle specific novel primer pair"	Gaya Prasad Hari Singh Minakshi COVS	Patent Granted on 08.07.2014	Patent No. 261685
12.	A method for the estimation of multi residue in Butter/Ghee	Beena Kumari COA	Patent Granted on 09.05.2018	Patent No. 296648
13.	A process for production of Poly 2hydroxyl butyrate (phb) production from agri-byproducts by Rhizobia.	V.K. Sikka, Aarti Sharma, Praveen Kumar Sharma COBS&H	Patent Granted on 14.05.2018	Patent No. 296744
14.	SCAR marker based identification of sex in date palm	Pushpa Kharb, Charu Mitra COBS&H	Patent Granted on 30.10.2018	Patent No. 302567
15.	A renewable resource drives starchy raw materials to ferment fast into ethanol	S.S. Dhamijia, Seema Sangwan COBS&H	Patent Granted on 27.11.2018	Patent No. 303453
16.	A rapid and cost effective process for assessment of genetic purity in hybrids of pearl millet	Neelam Rani Yadav, Sandeep Yadav, Ram Chander Yadav, Hari Prakash Yadav Deptt. of MBB, COBS&H, CCSHAU Hisar	Patent Granted on 13/09/2019	Patent No. 320441
17.	A Pricking Machine For Pricking Fruit	Dr. M K Garg, Dinesh Sharma Deptt.of Processing and Food Engineering, COAE&T	Patent Granted on 29/07/2020	Patent No. 342783

Copyright Granted-10

1.	A Statistical Package for Mating Designs	L.S. Kaushik, D.R. Aneja, O.P. Sheoran COBS&H	Copyright Granted on 05.05.2005	Copyright No. L-23301/2005
2.	Mathematical modelling for prediction of P.T.O. power requirement for rotavator	Vivek R. Kamat Er. Mukesh Jain Dr. Hemant Poonia	Copyright granted on 29/02/2020	Copyright No. SW-13325/2020

3.	Online Tool for analysis of series of Experiments in Randomized Block Designs	Dr. O.P. Sheoran Dr. Manoj Kumar Dr. (Mrs.) Manju Singh Tonk Department of Mathematics & Statistics, COBS&H CCSHAU, Hisar	Copyright granted on 28/05/2020	Copyright No. SW-13436/2020
4.	Online Analysis Tool for computation of LC50, LD50 or GR50 (Probit Analysis)	Dr. O.P. Sheoran Dr. (Mrs.) Manju Singh Tonk Dr. Ram Niwas Department of Mathematics & Statistics, COBS&H CCSHAU, Hisar	Copyright granted on 28/05/2020	Copyright No. SW-13437/2020
5.	Principal Component Analysis- Online Statistical Analysis tool	Dr. O.P. Sheoran Dr. Hament Poonia Dr. (Mrs.) Manju Singh Tonk	Copyright granted on 27/05/2020	Copyright No. SW-13417/2020
6.	Development of Online Analysis tool for k-means cluster analysis	O.P. Sheroran Vinay Kumar Ramniwas Sheokand Dep. Of Math & Stat., CCSHAU	Copyright Granted on 18.01.2021	Copyright No. SW-14121/2021
7.	Development of Web based Tool for Comparisons of Means (Post-Hoc Tests)	O.P. Sheroran Vinay Kumar Dep. Of Math & Stat., CCSHAU	Copyright Granted on 23.02.2021	Copyright No. SW-14220/2021
8.	Development of Web based Application for Analysis of Augmented Designs	O.P. Sheroran Vinay Kumar Sarita Rani Dep. Of Math & Stat., CCSHAU	Copyright Granted on 18.03.2021	Copyright No. SW-14301/2021
9.	Development of Web based tools for Analysis of Strip Plot and Latin Square Design	O.P. Sheroran Vinay Kumar Maju Singh Tonk Dep. Of Math & Stat., CCSHAU	Copyright Granted on 18.03.2021	Copyright No. SW-14302/2021
10.	Development of App content for Mothers of Infants	Dr. Poonam Malik, Samanta, Department of HDFs, CoHS, CCSHAU, Hisar	Copyright Granted on 17.05.2022	Copyright No. L-115521/2022

Design Granted -6

1.	Indian Gooseberry Pricking Machine	M.K. Garg, Dinesh Kumar Malik COAE&T	Design registration granted on 13.01.2004	Design No. 194255
2.	Composite Stool for Pruning and harvesting	Savita Kumari Manju Mehta Dept. Of FRM, COHS, CCSHAU	Design granted on 25/11/2019	Design No. 305095
3.	Multipurpose Dispenser For Honey Bees	Dr. O.P. Chaudhary Regional Research Station, Uchani, Karnal 132001. Haryana. India	Design granted 26/08/2020	Design No. 320896-001
4.	Pedal Operated Maize Sheller	Er. Vinay Vijay K. Singh M. K. Garg P&FE, COAE&T, CCSHAU, Hisar	Design Granted on 30.09.2021	Design No. 317534-001
5.	Bead Product Workstation	Ekta Melkani Manju Mehta Deptt of FRM, COHS, CCS HAU Hisar	Design Granted on 20.12.2021	Design No. 339710-001
6.	Sugar assisted sugarcane juice extraction cart	Arun Kumar Attkan, Sunil Kumar, Nitin Kumar, M.K. Garg, P&FE, COAE&T, CCSHAU, Hisar	Design Granted on 02.03.2022	Design No. 339193-001