

**G.B. Pant University of Agriculture & Technology, Pantnagar**  
**INTELLECTUAL PROPERTY MANAGEMENT CENTRE (IPMC)**

**PATENT APPLICATIONS GRANTED: 40**

S.No.	Invention Title	Name of College	Patent Number	Date of Grant
1.	A Process for Preparing Salmonella Vaccine (Non-Living)     <b>Dr. V.D. Sharma</b>	Veterinary & Animal Science	<b>191823</b>	<b>30-07-2004</b>
2.	A Process for Preparing Salmonella Vaccine     <b>Dr. V.D. Sharma</b>	Veterinary & Animal Science	<b>189049 (India)</b>	<b>29-08-2003</b>
3.	A PROCESS FOR THE PREPARATIONN OF SWEETENED PUFFED WHEAT SNACKS <b>Dr. Y.K. Jha &amp; V. Srivastava</b>	Agriculture	<b>238683</b>	<b>17-02-2010</b>
4.	A PROCESS FOR THE PREPARATION OF SPICED WHEAT NAMKEEN <b>Dr. Y.K. Jha &amp; V. Srivastava</b>	Agriculture	<b>239896</b>	<b>07-04-2010</b>
5.	A NOVEL BIO FUEL FOR USE AS A SOURCE OF ENERGY FOR C.I. ENGINES <b>Dr. V.K. Gupta, J. Kandpal, Gaurav Kumar, V.K. Agrawal</b>	Technology	<b>246028</b>	<b>09-02-2011</b>
6.	A PROCESS FOR PRODUCING FREEZE TEXTURIZED MUSHROOMS AND THEIR SPENTS <b>Dr. Nirankar Nath, Narendra Shah</b>	Agriculture	<b>245273</b>	<b>11-01-2011</b>
7.	PLANT ANIMAL DRAWN ZERO-TILL FERTI-SEED DRILL <b>Jayant Singh &amp; M.P. Singh</b>	Technology	<b>242551</b>	<b>01-09-2010</b>
8.	A PROCESS FOR THE PREPARATION OF PROCESSED CHEESE SPREAD <b>Dr. Y.K. Jha &amp; Mr. Sudhir Kumar</b>	Home Science	<b>245014</b>	<b>28-12-2010</b>
9.	A PROCESS FOR THE PREPRATION OF A PLANT GROWTH PROMOTORY BIOAGENT <b>Dr. Anil Kumar Sharma &amp; Dr. Rashmi Srivastava</b>	Basic Science & Humanities	<b>237946</b>	<b>14-01-2010</b>
10.	A FULE FOR COMPRESSION IGNITION ENGINE <b>Jayant Singh, P.K. Sarkar &amp; T.K. Bhattacharya</b>	Technology	<b>253920</b>	<b>03-09-2012</b>

11.	A PROCESS FOR MASS MULTIPLICATION OF PSEUDOMONAS FLUORESCENS ON COW DUNG <b>Dr. U.S. Singh &amp; Nazam waris Jaide</b>	Agriculture	<b>242067</b>	<b>09-08-2010</b>
12.	NOVEL PLANT DYE <b>Dr. Manisha Gahlot</b>	Home Science	<b>249691</b>	<b>03-11-2011</b>
13.	A METHOD OF PRODUCING A REINFORCED EPOXY RESIN NANOCOMPOSITE <b>Dr. M.G.H. Zaidi</b>	Basic Science Humanities	<b>256138</b>	<b>07-05-2013</b>
14.	PROCESS FOR THE PREPARATION OF TALC BASED FORMULATION FOR LDPE-DEGRADING BACTERIAL CONSORTIA <b>Dr. Reeta Goel, Ms. Aditi Sah, Ms. Harshita Negi &amp; Mr. Anil Kapri</b>	Basic Science Humanities	<b>US 9,057,058 B2 (US Patent No.)</b>	<b>16-06-2015</b>
15.	VACCINE FOR PROTECTION OF POULTRY AGAINST SALMONELLOSIS AND A PROCESS FOR PREPARING THE SAME <b>Dr. V.D.Sharma, Mr. Subodh Kumar, Mr. Shri Krishna Garg, Mr. Ram Sagar Mishra, Mr. Tarani Kanta Barman</b>	<b>Veterinary &amp; Animal Science</b>	<b>189049 (India) US 6,605,285 B2 (US Patent No.)</b>	<b>12-08-2003</b>
16.	BACTERIAL CONSORTIA FOR LOW-DENSITY POLYETHYLENE BIODEGRADATION <b>Dr. Reeta Goel</b>	Basic Science Humanities	<b>277356</b>	<b>18-11-2016</b>
17.	FORMULATION OF BACTERIAL CONSORTIUM FOR DEGRADATION OF HIGH-DENSITY <b>Dr. Reeta Goel</b>	Basic Science Humanities	<b>278739</b>	<b>29-12-2016</b>
18.	IMMUNOLOGICAL MARKER TO ASSESS THE PATHOGENICITY LEVELS OF T.INDIA FUNGAL ISOLATES <b>Dr. Anil Kumar</b>	Basic Science Humanities	<b>279419</b>	<b>20-01-2017</b>
19.	A NOVEL HYBRID RENEWABLE FUEL BLENDS OF KARANJA OIL ETHANOL FOR COMPRESSION IGNITION ENGINE <b>Dr. Jayant Singh</b>	Technology	<b>285187</b>	<b>14-07-2017</b>

20.	DECONTAMINATED FORMULATION FOR FARM-GATE VEGETABLES AND PROCESS FOR PREPARING THE SAME <b>Dr. Anjana Srivastava</b>	Basic Science Humanities	<b>300279</b>	<b>24-08-2018</b>
21.	PROCESS FOR THE PREPARATION OF TALK BASED FORMULATION FOR LDPE-DEGRADING BACTERIAL CONSORTIA <b>Dr. Reeta Goel, Ms. Aditi Sah, Ms. Harshita Negi &amp; Mr. Anil Kapri</b>	Basic Science Humanities	<b>298158</b>	<b>27-06-2018</b>
22.	PANEER WITH EXTENDED SHELF-LIFE AND PROCESS FOR PREPARING OF THE SAME <b>Reeta, Anil Kumar, Gurmukh Singh, Krishna Rao Babu Kumbhar</b>	Agriculture & Technology	<b>317802</b>	<b>07-08-2019</b>
23.	A SUBSOILER-CUM-DIFFERENTIAL RATE FERTILIZER APPLICATOR <b>Dr. T.C. Thakur, Er. S. Rababi, Er. S. Mandal and Mr. S.P.Dhyani</b>	Technology	<b>315451</b>	<b>03-07-2019</b>
24.	A METHOD OF PREPARING ANTIBACTERIAL NANOCOMPOSITES <b>Dr. M.G. H. Zaidi, Dr. Reeta Goel, Tithi Agarwal &amp; Harshita Negi</b>	Basic Science Humanities	<b>307178</b>	<b>12-02-2019</b>
25.	PCR BASED DETECTION AND DIAGNOSTIC KIT AND PROCESSES THEREOF FOR IDENTIFICATION OF BLAST DISEASE AND ITS PATHOGEN <b>Rekha Balodi &amp; Dr. J. Kumar</b>	Agriculture	<b>339166</b>	<b>23-06-2020</b>
26.	AN IMPROVED CONSERVATION TILLAGE MAHINE <b>DR. T.C. THAKUR, MS. KARUNA MURMU &amp; DR. SHYAM PRASAD DHYANI</b>	Technology	<b>368324</b>	<b>01-06-2021</b>
27.	AN ANIMAL DRAWN SIX-IN-ONE TILLAGE ASSEMBLY/OUTFIT <b>DR. T.C. THAKUR, DR. SHYAM PRASAD DHYANI &amp; MS. KARUNA MURMU</b>	Technology	<b>379500</b>	<b>20-10-2021</b>

28.	AN ANIMAL DRAWN MULTIPURPOSE TILLAGE DEVICE <b>Dr. T.C. Thakur, Dr. S.P. Dhyani &amp; Dr. Karuna Murmu</b>	Technology	<b>401337</b>	<b>15-07-2022</b>
29.	AN ANGORA-LYOCELL BLENDED FABRIC FOR FASHION APPARELS <b>Dr. Bhawna Goel &amp; Dr. Alka Goel</b>	Home Science	<b>416912</b>	<b>05-01-2023</b>
30.	Cover Spun Yarns of Flax, Lyocell and Spandex Fibers and their Fabrics <b>Swati Sahu &amp; Dr. Alka Goel</b>	Home Science	<b>472743</b>	<b>24-11-2023</b>
31.	Production of Fabrics comprising fibers from Girardinia, Agave, Sugarcane (Bagasse) <b>Ms. Yogita Pandey &amp; Dr. Manisha Gahlot</b>	Home Science	<b>513934</b>	<b>22-02-2024</b>
32.	Pant-ICAR Rotating drum Batch type Biochar production unit and method form production of Biochar from Loose biomass <b>Mr. Sandip Mandal &amp; Dr. T.K. Bhattacharya</b>	Technology	<b>519075</b>	<b>04-03-2024</b>
33.	A STRETCHABLE ERI SILK YARN <b>Dr. Gauri &amp; Dr. Alka Goel</b>	Home Science	<b>534771</b>	<b>24-04-2024</b>
34.	REC-Distribution Transformer Monitoring System <b>Dr. Ravi Saxena, Mr. Ayush Kaushik &amp; Mr. Atul Pant</b>	Technology	<b>544948</b>	<b>15-07-2024</b>
35.	A Novel Multilevel (Nine-level) Inverter Topology with Modularity Features <b>Mr. Peeyush Kala and Dr. Sudha Arora</b>	Technology	<b>546771</b>	<b>31-07-2024</b>
36.	Grease Preparation from Pine Needle Pyrolysis Oil <b>Ms. Tarannum, Dr. A.K. Verma &amp; Dr. T.K. Bhattacharya</b>	CBSH	<b>551632</b>	<b>30-09-2024</b>

37.	Finger Millet Dehuller-cum-Pearler <b>Er. Shiv Shankar Verma, Dr. Anupama Singh, Dr. N.C. Shahi, Dr. T.P. Singh &amp; Er, Khan Chand</b>	Tech	<b>552909</b>	<b>22-10-2024</b>
38.	Antimicrobial finish of Falconeria insignis on casement fabric <b>Pooja Singh, Dr. Alka Goel &amp; Dr. Manvika Sehgal</b>	Home Science	<b>554170</b>	<b>12-11-2024</b>
39.	Pant Mushroom Composting Assembly <b>Dr. S.K. Mishra</b>	Agriculture	<b>554276</b>	<b>13-11-2024</b>
40.	Development of a Novel Thermal Bonded non-woven fabric from chicken feather fibers and jute fiber <b>Neha sah &amp; Dr. Alka Goel</b>	Home Science	<b>554688</b>	<b>21-11-2024</b>