

Sl.No	Application No	Title of Invention	Inventor (s)	Date of publication
1	201911027455	Aptamers against phospholipase A2 in snake Venom and uses thereof	Tarun Kumar Sharma, Anjali Anand, Robin Doley	20-08-2021
2	202031000071	An improved iron fortification technique for fortification of rice using cold plasma	Poonam Mishra and Kumudhini Akasapu	02-07-2021
3	201931049269	An EMG based Prosthetic Hand Controller for Real Time Grasping realizing Neuromuscular Constraint	Nayan M. Kakoty, Lakhyajit Gohain	04-06-2021
4	201831045154	A bicycle saddle system adapted to exert backward reactive force in countering the forward slip of the rider during sudden braking	Dilip Dutta, Arpeeta Saikia, Zahnupriya Kalita and Sudipta Saikia	12-02-2021
5	201831045155	System for enhancing stability of bicycle by steering-back handle bar automatically	Dilip Dutta, Sudipta Saikia, Zahnupriya Kalita and Arpeeta Saikia	12-02-2021
6	201731009379	Magnetic secondary nanostructure as contrast agent for Magnetic resonance imaging	Pritam Deb and Kausik Saikia	12-02-2021
7	201731000104	Selective para-hydroxylation of substituted aromatic hydrocarbons using H ₂ O ₂ catalyzed by waterborne hyperbranched polyurethane/carbon quantum dot nanocomposite	Niranjan Karak, Vijay Kumar Das and Satyabrat Gogoi	12-02-2021
8	201931014698	Two dimensional heterostructure based composite films for food packaging	Pritam Deb and Meenakshi Talukdar	16-10-2020
9	201931012050	A continuous jaggery making machine	Mr. Amit Baran and Das Himakshi Baishya	02-10-2020
10	201831038837	Toxins-targeted specific novel anti snake venom	Asish Kumar Mukherjee Aparup Patra, Sumita Dutta, Bhargab Kalita and Abhisekh Chanda	17-04-2020
11	201831010002	Toxin-epitope based detection of species-specific snake envenomation	Asish Kumar Mukherjee and Sumita Dutta	20-03-2020

12	201831009528	A portable optical fiber instrument for instant petrol purity detection	Partha Pratim Sahu	20-09-2019
13	201831009592	Designed 2d graphitic sheet for viscous oil removal using magnet	Pritam Deb and Meenakshi Talukdar	20-09-2019
14	201831009678	Integrated and automated set up for preparation and vending of panipuri	Saurav Jyoti Sarma, Abhijit Nath, Polas Pratim Dutta and Chanddeep Suman Gogoi	20-09-2019
15	201831010001	Synthetic anticoagulant peptides derived from <i>Naja naja</i> snake venom	Asish Kumar Mukherjee and Sumita Dutta	20-09-2019
16	1742/DEL/2013	Multifunctional nanoparticles, methods of synthesis thereof, and methods of biomedical uses thereof.	Pritam Deb and Madhulekha Gogoi	26-07-2019
17	1460/KOL/2010	Vehicle on board alignment detection and correction system (For Mac Pherson and Double Wishbone type)	Santanu Sarma, Barnalee Sarma, Riku Chutia and Partha Pratim Dutta	05-04-2019
18	201831009091	A smokeless multifunctional and multipot solid fuel stove	Biswajit Gogoi and Debendra Chandra Baruah	22-02-2019
19	201631022922	Smartphone based system for detection and measurement of chemical and biological species in liquids	Iftak Hussain, Syed Ibtisam Tauhidi, Kamal Uddin Ahamad Pabitra Nath	31-08-2018
20	1313/KOL/2015	Anticoagulant actives and synergistic anticoagulant composition and method of producing the same	Ashish Kumar Mukherjee and Debananda Gogoi	01-12-2017
21	201631016888	A Two Way Ratchet	Arup Jyoti Chutia	17-11-2017
22	201631016889	Intelligent Helmet System	Ratul Kumar Baruah, Amit Kumar, Saurav Dutta and Surajit Paul	17-11-2017
23	201631010727	Novel Soil Conditioners	Sanjay Pratihar, Satya Sundar Bhattacharya, Pallabi Das and Kasturi Sarmah	06-10-2017
24	20/KOL/2011	Digital Occupancy Meter for Commercial Passenger Vehicles	Pradyumna Kr. Choudhury	02-09-2017

25	201631006546	Microwave mediated processing of turmeric	Brijesh Srivastava, Baby Z. Hmar and Dipsikha Kalita	01-09-2017
26	201631005351	Casein Nanoparticles for Colon Targeted Controlled Delivery of Biologically Active Agents in Foods	Pallab Kumar Borah and Raj Kumar Duary	18-08-2017
27	1296/KOL/2014	Nanocatalyst for bio oil production	Pritam Deb and Kasmiri Deka	17-06-2016
28	1295/KOL/2014	Mesoporous secondary nanostructures as multifunctional heavy metal scavenger	Pritam Deb, Kakoli Bhattacharya and Devaborniny Parasar	17-06-2016
29	211/KOL/2014	A Synthetic hyperbranched epoxy surgical sealant and a process for preparation thereof.	Niranjan Karak, Saswat Barua and P. Chattapadhyaya	21-08-2015
30	1147/KOL/2009	Efficient method for emulsion polymerization of styrene monomer in super critical carbondioxide using (trifluoromethyle) undecafluorocyclohexane stabilizer.	Isha R Kamrupi and Swapon Kr. Dolui	28/06/2013
31	401/KOL/2011	Insulin mimetic active comprising oxodiperoxo vanadates and a pharmaceutical composition obtained thereof.	Mihir Kanti Choudhury, Sahid hussain, Saitanya Bharadwaj, Upasana Bora Sinha, Dhrubajyoti Talukdar, Abul Usmai, Subeer Suhash Majumdar, Susmita Bhattacharya, Suman Dasgupta, Rakesh Kundu, Samir Bhattacharya and Shelley Bhattacharya.	16-11-2012
32	296/DEI/2010	Amla lemon based ready to serve drinks (enriched with polyphenols)	Poonam Mishra	27-04-2012
33	637/KOL/2011	Eco friendly dry chilli spray from Bhot Jalakia of Assam	Mihir Kanti Chaudhuri, Charu Lata Mahanta and D Kalita	02-12-2011

34	2132/KOL/2008	Iron removal from water using HCO_3^- or CO_3^{2-} salts of K^+ or Na^+ retaining the pH within acceptable limit for drinking	Robin Kumar Dutta, Suresh Kumar Nath and Shreemoyee Bordoloi	25-12-2009
35	1021/KOL/2009	Tender coconut water beverage from coconuts from Assam	Mihir Kanti Chaudhuri, Charu Lata Mahanta and Alak Kumar Buragohain	11-12-2009
36	1215/KOL/2008	Enhanced limestone defluoridation of fluoride contaminated water in the presence of citric acid and acetic acid	Robin Kumar Dutta and Suresh Kumar Nath	11-12-2009
37	522/KOL/2008	A Reduced Size Linearly Tapered 3dB (Half Power Splitter) Multimode Interference (MMI) Coupler	Partha Pratim Sahu	18-09-2009
38	1909/CHE/2006	Catalysts and process for oxidation and deep desulphurization of transportation fuels	Mihir Kanti Chaudhuri, S. Hussain and V. Srihari Tadimalla	25-04-2008