

List of Patent Applications from Tezpur University			
Sl. No	Application No	Title of Invention	Inventor (s)
1	202031002271	Removal of arsenic from ground water by capsule technique.	Chiranjeev Bezbaruah, Parag Nath and Robin Kumar Dutta
2	202131060631	Design of a universal holder for sensing and imaging studies in all variant smartphones	Pabitra Nath, Diganta Rabha and Diganta Hatiboruah
3	202131055185	Smart Phone based remote controlled device for collection of oil from the oil spill on land	Pritam Deb, Monika Sharma and Nitumoni Konwar
4	202131054965	Device for sensing and collection of Oil spill on water bodies	Pritam Deb, Monika Sharma and Manas Pratim Chetry
5	202131045925	IoT Based Portable Ventilator	Ankita Das, Bihung Muchahary, Aniket Raj, Manish Kumar, Firdaus Ahmed, Chiranjit Adhikary and Soumik Roy
6	202131044011	An Oxygen generation equipment based on water splitting for chronic/acute respiratory syndrome patients	Partha Pratim Sahu and Jagat Das
7	202131041315	Development of multimodal optofluidic system for sensing heavy metal ions	Rajib Biswas, Pritam Deb, Nirmal Mazumder and Soumyabrata Banik
8	202131022730	An Emg Based Multi Grasp Prosthetic Hand with an Android Interface	Nayan M. Kakoti and Lakhyajit Gohain
9	202131020238	A Prototype optical fiber device for onsite rapid testing of aircraft Jet fuel	Partha Pratim Sahu
10	202131010963	Methods and apparatus of multi-modal microscopic imaging on a smartphone and OLED display illumination	Pabitra Nath and Diganta Rabha
11	202031039202	Development of low fat baked snacks using de-oiled soya flour	Ayan Bhattacharjee, Devesh Kumar and Laxmikant S. Badwaik
12	202031016837	Protective face shield system with adaptability for bespectacled wearer for health care/medical purposes	Kishor Kumar Baruah
13	202031000071	An improved iron fortification technique for fortification of rice using cold plasma	Poonam Mishra and Kumudhini Akasapu
14	201931012050	A continuous jaggerymaking machine	Mr. Amit Baran and Das Himakshi Baishya
15	201931052903	Custom synthesized Neuritogenic Peptides and its uses thereof	Ashis Kumar Mukharjee, Taufikul Islam, Rupak Mukhopadhyay, Munmi Majumder

16	201931014698	Two dimensional heterostructure based composite films for food packaging	Pritam Deb and Meenakshi Talukdar
17	201931049269	An EMG based Prosthetic Hand Controller for Real Time Grasping realizing Neuromuscular Constraint	Nayan M. Kakoty, Lakhyajit Gohain
18	201911027455	Aptamers against phospholipase A2 in snake Venom and uses thereof	Tarun Kumar Sharma, Anjali Anand, Robin Doley
19	201931020788	Polymer/antibiotic coated Muga (antheraea assamensis) silk suture	Arup Jyoti Choudhury, Gazi Ameen Ahmed, Namita Ojah
20	201931020800	An optical fiber prototype instrument for online monitoring of transformer oil insulation	P.P. Sahu
21	201831045155	System for enhancing stability of bicycle by steering-back handle bar automatically	Dilip Dutta, Sudipta Saikia, Zahnapriya Kalita and Arpeeta Saikia
22	201831045154	A saddle system for female bicycles adapted to counter forward slip of rider on saddle surface during sudden braking	Dilip Dutta, Arpeeta Saikia, Zahnapriya Kalita and Sudipta Saikia
23	201831009592	Designed 2d graphitic sheet for viscous oil removal using magnet	Pritam Deb and Meenakshi Talukdar
24	201831010002	Toxin-epitope based detection of species-specific snake envenomation	Asish Kumar Mukherjee and Sumita Dutta
25	201831009528	A portable optical fiber instrument for instant petrol purity detection	Partha Pratim Sahu
26	201831009678	Integrated and automated setup for preparation and vending of panipuri	Saurav Jyoti Sarma, Abhijit Nath, Polas Pratim Dutta and Chanddeep Suman Gogoi
27	201831038837	Toxins-targeted specific novel anti snake venom	Ashis Kumar Mukherjee, Aparup Patra, Sumita Dutta, Bhargab Kalita, Abhishek Chanda
28	201831010001	Synthetic anticoagulant peptides derived from <i>Naja naja</i> snake venom	Asish Kumar Mukherjee and Sumita Dutta
29	201831009091	A smokeless multifunctional and multipot solid fuel stove	Biswajit Gogoi and Debendra Chandra Baruah
30	201731009379	Magnetic secondary nanostructure as contrast agent for magnetic resonance imaging	Pritam Deb and Koushik Saikia
31	201731000104	Selective para-hydroxylation of substituted aromatic hydrocarbons using H ₂ O ₂ catalyzed by waterborne hyperbranched polyurethane/ carbon quantum dot nanocomposites	Niranjan Karak, Vijay Kumar Das and Satyabrata Gogoi
32	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

33	201631016888	A Two Way Ratchet	Arup Jyoti Chutia
34	201631005351	Casein Nanoparticles for Colon Targeted Controlled Delivery of Biologically Active Agents in Foods	Pallab Kumar Borah and Raj Kumar Duary
35	1313/KOL/2015	Anticoagulant actives and synergistic anticoagulant composition and method of producing the same	Ashish Kumar Mukherjee and Debananda Gogoi
36	1295/KOL/2014	Mesoporous secondary nanostructures as multifunctional heavy metal scavenger	Pritam Deb, Kakoli Bhattacharya and Devaborniny Parasar
37	522/KOL/2008	A Reduced Size Linearly Tapered 3dB (Half Power Splitter) Multimode Interference (MMI) Coupler	Partha Pratim Sahu