

List of Patent Applications from Tezpur University			
Sl. No	Application No	Title of Invention	Inventor (s)
1	202131022730	An Emg Based Multi Grasp Prosthetic Hand with an Android Interface	Nayan M. Kakoti and Lakhyajit Gohain
2	202131020238	A Prototype optical fiber device for onsite rapid testing of aircraft Jet fuel	Partha Pratim Sahu
3	202131010963	Methods and apparatus of multi-modal microscopic imaging on a smartphone and OLED display illumination	Pabitra Nath and Diganta Rabha
4	202031039202	Development of low fat baked snacks using de-oiled soya flour	Ayan Bhattacharjee, Devesh Kumar and Laxmikant S. Badwaik
5	202031016837	Protective face shield system with adaptability for bespectacled wearer for health care/medical purposes	Kishor Kumar Baruah
6	202031000071	An improved iron fortification technique for fortification of rice using cold plasma	Poonam Mishra and Kumudhini Akasapu
7	201931012050	A continuous jaggerymaking machine	Mr. Amit Baran and Das Himakshi Baishya
8	201931052903	Custom synthesized Neuritogenic Peptides and its uses thereof	Ashis Kumar Mukharjee, Taufikul Islam, Rupak Mukhopadhyay, Munmi Majumder
9	201931049269	An EMG based Prosthetic Hand Controller for Real Time Grasping realizing Neuromuscular Constraint	Nayan M. Kakoty, Lakhyajit Gohain
10	201911027455	Aptamers against phospholipase A2 in snake Venom and uses thereof	Tarun Kumar Sharma, Anjali Anand, Robin Doley
11	201931020800	Polymer/antibiotic coated Muga (Antheraea assamensis) silk suture	Arup Jyoti Choudhury, Gazi Ameen Ahmed, Namita Ojah
12	201931020800	An optical fiber prototype instrument for online monitoring of transformer oil insulation	P.P. Sahu
13	201831045155	System for enhancing stability of bicycle by steering-back handlebar automatically	Dilip Dutta, Sudipta Saikia, Zahnapriya Kalita and Arpeeta Saikia
14	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
15	201831009592	Designed 2d graphitic sheet for viscous oil removal using magnet	Pritam Deb and Meenakshi Talukdar
16	201831010002	Toxin-epitope based detection of species-specific snake envenomation	Asish Kumar Mukherjee and Sumita Dutta
17	201831009528	A portable optical fiber instrument for instant petrol purity detection	Partha Pratim Sahu

18	201831009678	Integrated and automated setup for preparation and vending of panipuri	Saurav Jyoti Sarma, Abhijit Nath, PolasPratim Dutta and Chandeeep Suman Gogoi
19	201831010001	Synthetic anticoagulantpeptides derived from <i>Najanaja</i> snake venom	Asish Kumar Mukherjee and Sumita Dutta
20	201831009091	A smokeless multifunctionaland multipot solid fuel stove	Biswajit Gogoi andDebendra Chandra Baruah
21	201731009379	Magnetic secondary nanostructure as contrastagent for magnetic resonance imaging	Pritam Deb andKoushik Saikia
22	201731000104	Selective para-hydroxylationof substituted aromatic hydrocarbons using H <sub>2</sub> O <sub>2</sub> catalyzed by waterborne hyperbranched polyurethane/ carbon quantum dot nanocomposites	Niranjan Karak,Vijay Kumar Das and Satyabrat Gogoi
23	201631022922	Smartphone based system for detection and measurement of chemical and biological species inliquids	Iftak Hussain, Syed Ibtisam Tauhidi,Kamal Uddin Ahamad PabitraNath
24	201631016888	A Two Way Ratchet	Arup Jyoti Chutia
25	201631005351	Casein Nanoparticles for Colon Targeted Controlled Delivery of Biologically Active Agents in Foods	Pallab Kumar Borah and Raj Kumar Duary
26	1313/KOL/2015	Anticoagulant actives and synergistic anticoagulant composition and method of producing the same	Ashish Kumar Mukherjee and Debananda Gogoi
27	1295/KOL/2014	Mesoporous secondary nanostructures as multifunctional heavy metal scavenger	Pritam Deb, Kakoli Bhattacharya and Devaborniny Parasar
28	522/KOL/2008	A Reduced Size Linearly Tapered 3dB (Half Power Splitter) Multimode Interference (MMI) Coupler	Partha Pratim Sahu