



राष्ट्रीय प्रौद्योगिकी संस्थान कर्नाटक, सूरतकल NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

SRINIVASANAGAR, MANGALORE- 575 025, KARNATAKA STATE, INDIA

Office of Dean (Research & Consultancy)

Following technologies are available for commercialization. Interested agencies can contact office of Dean (R & C) for further details.

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Patent details

Sl. No.	Application No.	Title	Application Date	Applicant	Inventors
1	IN202341071657	Chromogenic Probe For Selective Ratiometric detection Of Arsenite And Method Of Synthesis Of the Probe P	20-Oct-23	NITK	Nagaraj K ; A Nityananda Shetty ; Darshak R Trivedi
2	IN202341069373	Artificial Intelligence-Based Diagnostic System For Early Detection Of Diseases	14-Oct-23	NITK	Dr K Chandrasekaran ; Dr M Venkatesan (Karaikal, In); Dr P Prabhavathy (Vellore, In)
3	IN202341069025	Simultaneous Partitioning Of Multiple bioactive Compounds From The Crude Extract	13-Oct-23	NITK	I Regupathi (Mangalore, In); Chaitra Chandrakant Shanbhag (Bangalore, In); Prassanna B D (Mangalore, In); Prajna Rao K
4	IN202341068135	Method For De-Emulsions	11-Oct-23	NITK	Basavaraju Manu (Kannada, In); Surya Nair K (In); Adani Azhoni (Imphal, In)
5	IN202341068138	A Hybrid Dual Boost Multilevel Inverter	11-Oct-23	NITK	Yellasiri Suresh ; Yellasiri Suresh Room No 108 Assistant Professor ; Yellasiri Suresh Room No 108 Assistant Professor Department Of Electrical & Electronic Engineering Nitk ; Kancharapu Aditya ; Kancharapu Aditya H No 20 116 2 Swathanthra Nagar ; Banavath Shivanaik ; Banavath Shivanaik H



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					No 9 119 Erragudur Post Pamulapadu
6	IN202341068136	An Optimized Fuzzy Based Switching System For Nine-Level Cascaded H- Bridge (Chb) Inverter	11-Oct-23	NITK	Yellasiri Suresh ; Kancharapu Aditya (Visakhapatn Am, In); Banavath Shivanaik (Kurnool, In); M Vijay Kumar (In)
7	IN202341068137	Method For Producing Chitin-Degrading Enzymes Andchitin Oligomers By Way Of Bacillus Aryabhatai	11-Oct-23	NITK	S Arun Kumar (Sivakasi, In); Ritu Raval (Manipal, In); Keyur Raval (Manipal, In)
8	IN202341065174	A System And Method For Tomato And Potato Plant Leaf Disease Detection	28-Sep-23	NITK	Gururaj Sunkad (Raichur, In); Venkat Reddy Sangam (Hyderabad, In); Christudas Philipose (Hyderabad, In); Manoj A Patil (In); B M Dodamani (In); Manohar M (In); C Laxuman (In); Khyamling Parane
9	IN202341062747	Convoy Vehicle Identification And Authenticationsystem And Method Thereof	19-Sep-23	NITK	Bhawana Rudra (In); Sarvesh V Sawant (Goa, In)
10	IN202341059720	A Non-Isolated Ultra-High-Gain Dc-Dc Converter With Widevoltage Conversion Ratio	05-Sep-23	NITK	Arun Dominic D (In); Prajof P (Bangalore, In); Sunil Mandal (Parganas, In); Sourav Prasad (Lucknow, In)
11	IN202341058070	A Composition For Production Of Fly Ash Based Pelletized Aggregateswith Burnt Lime	30-Aug-23	NITK	Bibhuti Bhusan Das ; B P Sharath
12	IN202341058071	High-Gain Direct Current To Direct Currentconverter With	30-Aug-23	NITK	Prajof P (Bangalore, In); Sunil Mandal (Parganas, In)



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		Reduced Component Count			
13	IN202341051346	Sit To Stand And Stand To Sit Assisting Device And Method Thereof	31-Jul-23	NITK	Khyati Verma (Fatehpur, In); Subodh Kumar Suman (Muzaffarpur, In)
14	IN202341049595	Method Of Extracting Intracellular (Ri) And Extracellular (Re) Resistance From A Multi Frequency Bioimpedance Spectroscopy	22-Jul-23	NITK	Karma Wangda ; Ashish Jain (Np)
15	IN202341048198	Universal Hybrid Energy Management Controller For Electric Vehicle With Emulator	18-Jul-23	NITK	Yashwant Kashyap ; Vishnu Sidharthan P (Thrissur, In); Roystan Vijay Castelino (Karkala, In)
16	IN202341047371	A High Gain Fully Isolated DC/DC Multiport Converter To Interface Multiple Sources, Loads And Energy Storage Devices	13-Jul-23	NITK	Nagendrappa H ; Adarsh S (Manipal, In)
17	IN202341045190	System And Method For Forecasting Photo Voltaic Power Generation	05-Jul-23	NITK	Dattatraya Narayan Gaonkar (In); Yashwant Kashyap ; Roystan Vijay Castelino (Karkala, In); Anil Kumar (Vaishali, In)
18	IN202341045189	Wireless Electric Vehicle Battery Charger With Wide Output Voltage Range	05-Jul-23	NITK	Dharavath Kishan (Mahabubabad, In); Nitishkumar (Raichur, In); Marupuru Vinod (Nellore, In); Md Waseem Ahmad (In); Bonthapalledastagiri Reddy (In)
19	IN202341044002	Multi-Mode Converter System For Electric Vehicles	30-Jun-23	NITK	Gutti Om Suraj (Prakasam, In); Muthumula Rama Narayana Reddy (In); Vivek Kumar (Giridih, In); Prajof P (Bangalore, In); Bonthapalle Dastagiri Reddy (In)



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20	IN202341041828	Metal Chalcogenide-Based Nanoalloy Compositions For Seawater Splitting And Method Thereof	23-Jun-23	NITK	John D Rodney (Chennai, In); Sindhur Umamaheshwar Joshi (In); Udayashankar N K (Kannada, In); Badekai Ramachandra Bhat (Kannada, In); Lavanya Rao (Kannada, In); S Deepapriya (In); C Justin Raj (In)
21	IN202341041829	Method For Synthesizing And Preparing Metal Complexes By Way Of Schiff Base Ligand	23-Jun-23	NITK	Rasheeda Maqbool Ansari (Bhiwandi, In); Dileep R (In); Badekai Ramachandra Bhat (Kannada, In)
22	IN202341041830	System And Method For Additive Manufacturing Of Metallic Composites By Friction	23-Jun-23	NITK	Praveen T R (In); Arun Kumar Shettigar
23	IN202341040413	Histopathological Images Are Used To Automatically Identify Various Types Of Lung Cancer Using A Lightweight, End-To-End CNN Approach	14-Jun-23	NITK	Dr T Sheela (Perambalur, In); Dr Himanshu Singh ; Dr Mirza Shafi Shahsavar (In); Dr H Krishna Ram (In); Mr Jai Kishan Singh (Aligarh, In); Sunil Kumar S (Bangalore, In); Saniya Bhalerao (Nashik, In); Dr Belsam Jeba Ananth M (Chengalpattu, In); Mithun Dsouza (Bangalore, In); Dr Navya H (In); Mr Annam Karthik (Hyderabad, In); Dr Harikumar Pallathadka (Imphal, In)
24	IN202341039959	Kite Power Emulator	12-Jun-23	NITK	Yashwant Kashyap ; Manjunatha Sharma K ; Roystan Vijay Castelino (Karkala, In)
25	IN202341033748	Bioleached Iron As A Catalyst For Fenton's Oxidation Process	13-May-23	NITK	Basavaraju Manu ; Bhaskar S (Mandya, In)



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26	IN202341033749	Machining Vibration Damping Device, System, And Method Thereof	13-May-23	NITK	Suhas S Aralikatti (Dharwad, In); Hemantha Kumar
27	IN202341033746	Normally Off Ga ₂ O ₃ On Insulator Junction Less Drain Extended Field Effect Transistor	13-May-23	NITK	Nikhil K S (Thiruvananthapuram, In); Manukrishna V R (Thiruvananthapuram, In)
28	IN202341033747	A Non-Isolated Multi-Port Interleaved Bipolar Bidirectional Converter For EV Charging In Bipolar DC Grid	13-May-23	NITK	Nisha K S (Thrissur, In); Dattatraya Narayan Gaonkar (Mangalore, In); Jayalakshmi N S (In)
29	IN202341029596	A Highly Efficient Antimicrobial Copper Oxide Films For Bacterial Infections	24-Apr-23	NITK	Naveen Bharadishettar (Dharwad, In); Udaya Bhat K (Mangalore, In)
30	IN202341029597	System And Device For Swapping Battery In Kite Power Generation	24-Apr-23	NITK	Yashwant Kashyap ; Manjunatha Sharma K ; Roystan Vijay Castelino (Karkala, In)
31	IN202341017600	Ground-Based Power Kite Controller	16-Mar-23	NITK	Yashwant Kashyap ; Roystan Vijay Castelino (Karkala, In)
32	IN202341014270	Dynamic Kite Area-Based Take-Off And Landing Device For Power Kites	03-Mar-23	NITK	Yashwant Kashyap ; Roystan Vijay Castelino (Karkala, In)
33	IN202341014271	Polyoxometalates Solution For Removing Corrosion From A Corroded Metal Surface And A Method Thereof	03-Mar-23	NITK	Sib Sankar Mal (Konch, In); Muhammed Anees P K (Malappuram, In)
34	IN202341013037	Open Switch Fault Detection Method For Transformerless Photovoltaic Inverter	27-Feb-23	NITK	Md Waseem Ahmad (In); Muhammed Ramees M K P (Kannur, In); Mohamed Nadir N (Trivandrum, In)
35	IN202241072549	System And Method For Designing Microheater Achieving High Temperature Uniformity	15-Dec-22	NITK	National Instituee Of Technology Karnataka



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36	IN202241069622	Transesterification Of Isohexides Under Solvent-Free Conditions	02-Dec-22	NITK	National Institute Of Technology Karnataka (Mangalore, In)
37	IN202241067841	Channel Codes For Enhancing Integrity Of Information Storage In NAND Flash Memories	25-Nov-22	NITK	National Institute Of Technology Karnataka
38	IN202241062462	Multiport High Gain Power Converter With Active Power Decoupling And Its Operating Method Thereof	02-Nov-22	NITK	Muthumula Rama Narayana Reddy (In); Bonthapalle Dastagiri Reddy (In); Prajof P (Kalyan, In); Dharavath Kishan (Mahabubabad, In)
39	IN202241062463	Method, System And Apparatus For Floating Breakwater Integrated Wave-Energy Power Generation	02-Nov-22	NITK	National Institute Of Technology Karnataka (Dharwad, In)
40	IN202241057878	A System For Operating An Exoskeleton With A Novel Pronation Supination Mechanism	10-Oct-22	NITK	Navin Karanth P (In); Vijay Desai (In); Antonio Dylan Do Rosario Carvalho (Goa, In)
41	IN202241047924	Method, System And Apparatus For Forecasting Solar Irradiance On Photovoltaic Panels	23-Aug-22	NITK	Vinatha U ; Aditya Chandrasekar (In); Ajeya K (Kodagu, In)
42	IN202241047519	Smart Integrated Iot And Ml Based Safety System For Monitoring Elderly Wandering People	21-Aug-22	NITK	Mr Harisha K S (Haveri, In); Mr Sandeep Prabhu M (Mangalore, In); Dr Sheetal Nandanwar (Sangli, In); Dr Parismita Sarma (Guwahati, In); Ms Susmita Das (Kolkata, In); Mr Anil S Naik ; Mr S Premkumar (Noida, In); Dr Vaishali N Agme (Mumbai, In)
43	IN202241046349	An Integrated Charger-Cum-Motor-Drive Power Converter With Dual Energy Storage System	16-Aug-22	NITK	Vivek Kumar (Giridih, In); Prajof P (Kalyan, In); Bonthapalle Dastagiri Reddy (In)



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44	IN202241041711	A Method For Forming A Magnetic Mixed Ferrite Graphene Nanocomposite	21-Jul-22	NITK	Anuma Saroja (Godavari, In); Praveen Mishra (In); Badekai Ramachandra Bhat (Kannada, In)
45	IN202211039377	Assistance Device For Visually And Hearing-Impaired Person	08-Jul-22	NITK	Mr Vipin Sharma (Meerut, In); Mr Sandeep Kumar ; Mr Krishna Pandey (Kurukshetra, In); Ms Sapna Katiyar (Noida, In); Mr Rachit Patel (Ghaziabad, In)
46	IN202241031219	A Pneumcapsulator Device For Preparing Bacteriophage	31-May-22	NITK	T Palanisamy (Mangalore, In); Basil Baby
47	IN202241027416	Method And System For Energy Trading In Networked Microgrids Using Matching Theory	12-May-22	NITK	Biji Varghese K V ; Dattatraya Narayan Gaonkar
48	IN202241027415	Pozzolan Based Battery System With Microbial Activity	12-May-22	NITK	T Palanisamy ; Arjun S
49	IN202241027167	METHOD TO DETERMINE AND DIFFERENTIATE INORGANIC ARSENIC IONS (Arsenite, As ³⁺ And Arsenate As ⁵⁺) AND A METHOD OF SYNTHESIS OF RECEPTOR R	11-May-22	NITK	Nagaraj K ; A Nityananda Shetty ; Darshak R Trivedi
50	IN202241022916	A Portable Household Micro Bio-Diesel Reactor	19-Apr-22	NITK	N Gnanasekaran ; G Narendran
51	IN202241020701	A Chemosensor Probe For Colorimetric Optical Detection And Differentiation Of Arsenite And Arsenate Ions And Ratiometric Detection Of Carbonate Ions	06-Apr-22	NITK	Nagaraj K ; A Nityananda Shetty ; Darshak R Trivedi
52	IN202241018908	Smart Landing Gear Wheel For A Fixed Wing Aircraft	30-Mar-22	NITK	Praveen T R ; H Shivananda Nayaka



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53	IN202241018909	Method For Detecting Hybrid Islanding Based On Lissajous Patterns For Microgrids	30-Mar-22	NITK	Subhradip Mondal ; Pritam Kumar Gayen (Kalyan, In); Dattatraya Narayan Gaonkar
54	IN202241012056	Method And System For Major Event Detection In A Power System	07-Mar-22	NITK	Tukaram Moger ; Sagar Dipesh Dahanuwala (Mumbai, In); Prathamesh Gachhi (Shahapur, In); Teena Johnson (Mysore, In); Abhinandan M Pathak (In); Shantanu Arya (Mumbai, In)
55	IN202241012406	A Compact Isolated Dc/Dc Multiport Converter To Interface Multiple Sources, Loads And Energy Storage Devices	07-Mar-22	NITK	Nagendrappa H ; Adarsh S (Manipal, In)
56	IN202241012215	Ultrafiltration Membrane	07-Mar-22	NITK	Arun Mohan Isloor ; M Chandra Shekhar Nayak
57	IN202241010082	A Single-Step Method For Production Of Magnetorheological (MR) Fluid Using Spark Discharge Technique	25-Feb-22	NITK	Pinjala Devikiran ; Puneet N P ; Tak Radhe Shyam Saini ; Ranjeet Kumar Sahu ; Hemantha Kumar
58	IN202241010501	Separation Tube For Investigating Storage Stability Of Modified Asphalt Binder	25-Feb-22	NITK	Hemant Kumar V (Shimoga, In); Suresha Subbarao Nagabhushanarao
59	IN202241008784	Method, System And Apparatus For Automated Diagnosis Of Mycotic Keratitis	19-Feb-22	NITK	Sowmya Kamath S (In); Veena Mayya (In); Krishnananda Prabhu Karadka (Karad, In); Manali Hazarika (Manipal, In)
60	IN202241008785	Ev Battery Pack With Voltage Balancing Features	19-Feb-22	NITK	Prajof P (Mangalore, In); Nithin Raj (Kottayam, In)
61	IN202241004255	Method, System And Apparatus For Universal Motor Drive Cum Charging Of An Electric Vehicle	25-Jan-22	NITK	Prajof P (Mangalore, In); Bonthapalle Dastagiri Reddy (In)



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62	IN202241003127	A Process For Synthesizing Ionic Polymer Nanoparticles And A Hydrophilic Nanocomposite Ultrafiltration (UF) Membrane	19-Jan-22	NITK	Arun Mohan Isloor ; Syed Ibrahim Gnani Peer Mohamed
63	IN202141056308	Satvote: Secure Remote Voting System Using Blockchain And Satellite Communication	04-Dec-21	NITK	Sourav Kanti Addya ; Urvesh Rathod (Mumbai, In); Shashidhar G Koolagudi
64	IN202141056309	Method, System And Apparatus For Charging An Electric Vehicle	04-Dec-21	NITK	Dharavath Kishan (Mahabubabad, In); Bonthapalle Dastagiri Reddy (In)
65	IN202141056310	A Switched Capacitor Based Boost Multilevel Inverter And Its Hybridization	04-Dec-21	NITK	Yellasiri Suresh ; Banavath Shiva Naik (Kurnool, In); Bhukya Nageswar Rao (Khammam, In)
66	IN202141056311	A Single Dc Source Based Power Conversion By Employing Single Phase Transformers For Pv Power Systems	04-Dec-21	NITK	Yellasiri Suresh ; Bhukya Nageswar Rao (Khammam, In); Banavath Shiva Naik (Kurnool, In)
67	IN202141048958	An Ultrafiltration Membrane Comprising Hydrophilic Polymeric Microspheres For Protein Rejection	26-Oct-21	NITK	National Institute Of Technology Karnataka Nitk
68	IN202141042588	A Hollow Fibre Nanocomposite Ultrafiltration Membrane And A Water Purifier Comprising Thereof	20-Sep-21	NITK	National Institute Of Technology Karnataka Nitk (Mangalore, In)
69	IN202141039927	A System And Method For An Authentication And Fraud Detection	03-Sep-21	NITK	National Institute Of Technology Karnataka
70	IN202141037148	A Torsional Vibration Isolator Based On Shear Mode Operation	17-Aug-21	NITK	National Institute Of Technology Karnataka
71	IN202141035520	A Ph-Sensitive Topical Wound Healing Hydrogel	06-Aug-21	NITK	National Institute Of Technology Karnataka Nitk (Mangalore, In)



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72	IN202141035597	A Hollow Fiber Ultrafiltration Membrane	06-Aug-21	NITK	National Institute Of Technology Karnataka Nitk
73	IN202141032871	Reconfigurable Triple-Band On-Chip Nano Antenna For Terahertz Applications	21-Jul-21	NITK	National Institute Of Technology Karnataka
74	IN202141027382	A Hollow Fiber Ultrafiltration Membrane	18-Jun-21	NITK	Arun M Isloor ; Mithun Kumar ; Somasekhara Rao Todeti
75	IN202141026712	Hydro-Squeeze Pressure Filtering For The Efficient Beneficiation Of Coal Material	16-Jun-21	NITK	Harish Hanumanthappa ; Harsha Vardhan ; Govinda Raj Mandela ; Bharath Kumar Shanmugam ; Mudhunuru Varma Raju ; Harish Kumar N S
76	IN202141025360	Text To Graph Convertor	08-Jun-21	NITK	Shashidar G Koolagudi ; Jay Shinde ; Ayush Kumar ; Gauri Baraskar ; Vathsala H
77	IN202141023698	Smart Electric Vehicle Charging Station	27-May-21	NITK	Bonthapalle Dastagiri Reddy
78	AU2021102416	METHOD FOR EVOLUTION OF PROBABILITY DISTRIBUTION FUNCTION OF Shovelâ€™DUMPER COMBINATION IN OPENCAST COAL MINE	08-May-21	NITK	Choudhary R P ; Kumar N S Harish ; Murthy Ch S N
79	IN202141018525	Frustrum Tension-Leg Platform For Floating Wind Turbine	22-Apr-21	NITK	Debabrata Karmakar ; Rony J S
80	IN202141016770	A Method And System For Global Peak Detection Under Non-Uniform Insolation Conditions	09-Apr-21	NITK	Vignesh Kumar V ; B Venkatesaperumal ; Ragavendra Rao P
81	IN202141016581	A Composition For Reducing Acridity In Edible Aroid Corms And A Method Of Preparing	08-Apr-21	NITK	Prasanna Belur Devarabhatta ; Moni Philip Jacob K



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		Edible Aroid Corms With Reduced Acridity			
82	IN202141012329	Hybrid Radial Flux Based Multi-Pole Piston For Magneto Rheological Damper	23-Mar-21	NITK	Hemantha Kumar ; Pinjala Devikiran ; Puneet N P ; Tak Radhe Shyam
83	IN202141007885	A High-Performance Supercapacitor Device Ofpolyaniline-Triethyl Amine Ionic Liquid Combinedphosphomolybdate Electrode And Method Thereof	24-Feb-21	NITK	Sib Sankar Mal ; Saikat Dutta ; Anjana Anandan Vannathan ; Muhammed Anees P K
84	IN202141004899	A Modular System And Apparatus For Pneumatic Muscle Actuation In Medical Rehabilitation Exoskeleton Robots	04-Feb-21	NITK	Dr Navin Karanth P ; Antonio Dylan Do Rosario Carvalho ; Dr Vijay Desai
85	IN202121003890	A System For Mineral Separation And A Process Thereof Combining Froth Flotation And Gravity Separation.	28-Jan-21	NITK	Mudhunuru Varma Raju ; Harsha Vardhan ; Govinda Raj Mandela ; Harish Hanumanth Appa ; Bharath Kumar Shanmugam ; Rameshwar Sah
86	2020103341	AI Enabled Assistive Technology Development For Visually Impaired People Using Deep Learning	10-Nov-20	NITK	A John Rajan ; G N Naveen Kumar ; Ganesh N ; Gupta Charu ; M C Karthik Rao ; Malghan Rashmi L (In); Pattanaik Balachandra ; Pattnaik Manjula ; Subramani T ; T P Sanath Kumar ; Virmani Deepali ; Yadavalli Pavan Kumar
87	IN202041047968	Scalable Single-Stage Single-Phase Differential Flipped Gamma Semi Magnetically Coupled Impedance Source Inverter	03-Nov-20	NITK	Debashisha Jena ; Gautham T N ; Reddiprasad Reddivari



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88	IN202041047969	Method Of Preparation Of High Energy Density Conducting Polyanilinephosphovana domolybdate Nanohybrid Electrode For Supercapacitor Deviceapplication	03-Nov-20	NITK	Sib Sankar Mal ; Anjana Anandan Vannathan
89	IN202041047970	Method Of Preparation Of Activated Carbon Supported Vanado-Nickelate (Iv)Nanohybrid Electrode For High-Performance Supercapacitor Device Application	03-Nov-20	NITK	Sib Sankar Mal ; Partha Pratim Das ; Sukanya Maity ; Neethu B M
90	IN202041028768	Method And System For Fabricating A Metallic Continuous Reinforced Composite	07-Jul-20	NITK	Praveen T R ; H Shivananda Nayaka
91	IN202041023872	Method, System And Apparatus For Converting Single Dc To Three Phase Using Unidirectional Sinewave Generators	08-Jun-20	NITK	Y Suresh ; Jammala Venkataramanaiah
92	IN202041023873	A Travellers Optimum Route Recommendation System	08-Jun-20	NITK	B R Chandavarkar ; Gautam Ramakrishnan ; V Saicharan ; Mohit Bhasi
93	IN202041007329	Efficient Production Of Furanics And Levulinic Acid From Carbohydrates Inaqueous Hydrochloric Acid Using Quaternary Ammonium Salts Assurfactant	20-Feb-20	NITK	Saikat Dutta ; Sib Sankar Mal ; Sharath Bandibairanahalli Onkarappa ; Navya Subray Bhat
94	IN202041006193	Direct Compaction Mould For Preparation Of Bitumen Bounded Fine Aggregate Matrix Specimen	13-Feb-20	NITK	Ningappa Akhandappagol ; Suresha Subbarao Nagabhushanrao
95	IN201941047909	Method And Composition For	23-Nov-19	NITK	Jagannathan T K ; Kishor Kumar M J



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		Fabricating A High-K Dielectric Material			
96	IN201941044515	Method And System For Synthesis Of Electrode And Electrolyte Materials For High Energy Storage Devices	03-Nov-19	NITK	Aranganathan Viswanathan ; Adka Nityananda Shetty
97	IN201941040132	Method And System For Detecting Asymmetric Application Layer Ddos Attacks Based On User Access Patterns	03-Oct-19	NITK	P Santhi Thilagam ; Amit Praseed
98	IN201941036379	A Method For Islanding Detection Based On Image Classification With	10-Sep-19	NITK	Santhosh K G Manikonda ; Ensemble Convolution Neural Networks Dattatraya N Gaonkar
99	IN201941033961	Industrial Thermocouples With Superior Creep Resistance	22-Aug-19	NITK	Subray R Hegde ; Ganesh Bhat ; Allen John ; Praveen R ; Sudhir Hegde ; Jayarama Bhat M ; J K Rakshan Kumar ; Sudarshan B
100	IN201941033324	Method And System For Producing Elongated Grains In Wrought Metals With Superior Creep Resistance	19-Aug-19	NITK	Subray R Hegde ; Preetish Crimson Dsilva
101	IN201941032006	Method, System And Apparatus For Accurate Run-Out Decision	07-Aug-19	NITK	Bhawana Rudra
102	IN201941018353	Variable Stiffness Magnetorheological Isolator	08-May-19	NITK	K V Gangadharan ; Kiran Katari
103	IN201941016783	A System And Method For Treating Sleep Apnoea	26-Apr-19	NITK	Dr Supriya Nambiar ; Dr K V Gangadharan ; Dr Collin Robert ; Vinayak V Gopal ; George Pius Kuriakose ; Gautham Sambath
104	IN201941009001	Method And System For Fabricating A Structure Using Additive Manufacturing Wastes Of C300 Maraging Steel	08-Mar-19	NITK	Raghul A ; Udaya Bhat K ; Sridhar Balaram



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105	IN201821048990	Material Handling System For Screening Or Feeding Materials With High Screening And Energy Efficiency.	24-Dec-18	NITK	Mr Shanmugam Bharath Kumar ; Dr Kaza Marutiram ; Dr Harsha Vardhan ; Dr Sah Rameshwar ; Mr Choudhury Arindam Roy ; Mr Naveena Omkarappa ; Mr Nagaraju Venkategouda
106	IN201841047554	Method, System And Apparatus For Arsenic Removal From Water Using Functionalized Melanin	15-Dec-18	NITK	Raj Mohan Balakrishnan ; Keyur Raval (Manipal, In); Vishnu M (Kollam, In)
107	IN201821047543	System For Material Beneficiation Involving Hydro-Squeeze Classifier Assisted Grinding Ball Mill	15-Dec-18	NITK	Mr Harish Hanumanthappa ; Dr Kaza Marutiram ; Dr Harsha Vardhan ; Dr Sah Rameshwar ; Mr Abhishek Kumar ; Mr Choudhury Arindam Roy ; Mr Naik Chaitanya
108	IN201841047090	Method And Device For Life Estimation Of Li-Ion Battery	12-Dec-18	NITK	J Saikrishna Goud ; R Kalpana
109	IN201841046271	A Method And Composition For Soot Oxidation In A Diesel Particulate Filter	07-Dec-18	NITK	Chaitra S Shenoy ; Atmuri Shourya
110	IN201841038650	Transformer-Less Solar Photovoltaic Grid Connected Inverter	11-Oct-18	NITK	Roopa Viswadev ; Venkata Ramana Vanjari ; Arjun Mudlapur ; Venkatesape Rimal B ; Pavana Kumar Pothapragada
111	IN201841033533	Method And System For Fabricating A Porous Ceramic Structure Using Combustible Pore Former	06-Sep-18	NITK	Pavan Pujar ; Komalakrushna Hadagalli ; Dipti Gupta ; Saumen Mandal (In)
112	IN201841028640	Solid Oxide Fuel Cell Anode Material As Soot Oxidation Catalyst	30-Jul-18	NITK	Akhil Vijay M P ; Anjana P Anantharaman



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113	IN201841018816	Method, System And Apparatus For Upgrading Tyre Pyrolysis Oil	19-May-18	NITK	Saikat Dutta ; Akhil Mohan
114	IN201841010102	Swirl Generator For Human Arterial Network	20-Mar-18	NITK	Anish S ; Prashantha B
115	IN201841008169	A Composition And Method Of Removal Of Heavy Metals From Contaminated Water	06-Mar-18	NITK	Smruthi G Prabhu ; G Srinikethan ; Smitha Hegde
116	IN201841003526	Dual Fence With Tapered Trailing Edge For Turbine/Compressor Blade Passage	30-Jan-18	NITK	Anish S ; Kiran K N
117	IN201841000694	Rotating Packed Disc Bioreactor	06-Jan-18	NITK	Keyur Raval ; Rohit Kalnake ; D V R Murthy
118	IN201841000695	Removal Of Heavy Metals From Contaminated Water By Adsorption Using Melanin Bound Activated Carbon	06-Jan-18	NITK	Keyur Raval ; Vishnu M ; Raj Mohan Balakrishnan
119	IN201741045083	Method And System For Preparing A Lanthanum Zirconiumoxide Based Dielectric Ink For Micro Electronics	15-Dec-17	NITK	Jagannathan T K ; Kishor Kumar M J ; Pavan Pujar
120	IN201741044068	Bacterial Based Synthesis Of Core Shell Ago@Tio2 Nanoparticles For Photocatalytic Water Disinfection And Dye Degradation	08-Dec-17	NITK	Vidya Shetty K ; Afshan Kilpady ; Deekshitha
121	IN201741035860	A Passive Leading Edge Micro Protuberance Strip	10-Oct-17	NITK	Dr Sathyabhama A ; Raghavendra S
122	IN201741032388	Active Mr Damper Control	13-Sep-17	NITK	Dr Hemantha Kumar ; Akshay Elangovan ; Dr V Sugumaran
123	IN201741027226	Multi Material Structure With Controllable Multi Directional Property	01-Aug-17	NITK	Dr K V Gangadharan ; Rohit Rajpal ; Lijesh K P ; Arunkumar M P ; Susheel Kumar



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124	IN201741017347	Method And System For Maximum Power Point Tracking Of A Pv-Array During Non-Uniform Insolation Conditions	17-May-17	NITK	J Saikrishna Goud ; Dr R Kalpana ; Dr Bhim Singh
125	IN201741012202	A Nerve Trimming Kit	05-Apr-17	NITK	K V Gangadharan ; B Jagannath Kamath ; Pruthviraj U ; Nikil Jayasheelan ; Abhijith J Kamath
126	IN201741009197	A Dynamic Voltage Restoration System For Weak Ac Grids And A Method Thereof	16-Mar-17	NITK	Dr A Karthikeyan ; Dr B Venkatesa Perumal ; D G Abhilash Krishna ; K K Prabhakaran
127	IN201741005384	Fabrication Of High Conductive Metallic Films At Low Temperature	15-Feb-17	NITK	Dr Saumen Mandal (In); Bikesh Gupta ; Pavan Pujar ; Komalakrishna Hadagalli ; Robbi Vivek Vardhan
128	IN201741000335	Method And Device For Sensorless Pmsm Drive	04-Jan-17	NITK	A Karthikeyan ; K K Prabhakaran ; B Venkatesaperumal
129	IN201641040621	A Multiphase Transformer Rectifier Unit And A Method Thereof	28-Nov-16	NITK	Dr R Kalpana ; Saravana Prakash P ; Bhim Singh ; G Bhuvanewari
130	IN201641038767	Ulnar Neuropathy Device	14-Nov-16	NITK	K V Gangadharan ; Vijay Desai ; B Jagannath Kamath ; Nikil Jayasheelan ; Omey Mohan Manyar ; Harshesh Harshendu Gokani ; Raghavendra Sirigeri Hanumesh ; Rakshith Rathnakar Kamath
131	IN201641038768	Automated Illizarov Apparatus	14-Nov-16	NITK	Vijay Desai ; B Jagannath Kamath ; Omey Mohan Manyar ; Harshesh Harshendu Gokani ; Sylvester Jerome Da Souza ; Saurav Pantha ; Nikil Jayasheelan



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132	IN201641035575	Solar Water Pumping System In Grid Tie Or Off-Grid Mode With Net Zero Energy From Grid	18-Oct-16	NITK	Dr B Venkatesaperumal ; Dr A Karthikeyan ; Mr M Arjun ; Mr Vanjari Venkata Ramana
133	IN201641034429	System And Apparatus For Customizable Keyboard With Mouse	07-Oct-16	NITK	G Ram Mohana Reddy ; Ohileshwar Itagi ; Shyam B S
134	IN201641025734	Method And Device For Determining Turbidity Levels In Water	27-Jul-16	NITK	Shashidhar G Koolagudi ; Mukund A (Bangalore, In); Rohit C (Bangalore, In); Pravin B Ramteke (Nagpur, In)
135	IN201641025735	Method And System For Dynamic Word Encoding And Compression Of Data	27-Jul-16	NITK	Ananthanarayana V S ; Sakthi Murugan R
136	IN201641022442	A System And Method For Designing Energy Aware Applications Using Unified Modeling Language (Uml)	30-Jun-16	NITK	Marimuthu C ; K Chandrasekaran
137	IN201641007984	A Process For Improving N-3 Polyunsaturated Fatty Acid Content Of Fish Oil	08-Mar-16	NITK	Dr Prasanna Belur Devarabhata ; Dr Regupathi Iyyasami ; Ms Charanya Sampath ; Ms Vaisali Chandrasekar
138	IN201641007122	Degraded Speech Recognition Using Signal Envelope	01-Mar-16	NITK	Shashidhar G Koolagudi ; Pravin B Ramteke ; Shreyas Joshi
139	IN201641005231	Use Of Diacritical Marks For Speech Synthesis	15-Feb-16	NITK	Shashidhar G Koolagudi ; Pavan Kumar K Y ; Naveen K S
140	IN201641000437	A System And A Method For Facilitating Service Selection In The Cloud	06-Jan-16	NITK	Santhanam Raghavan ; K Chandrasekaran
141	IN6034/CHE/2015	A Solar Water Pumping System	07-Nov-15	NITK	Dr Venkatesaperumal B ; Dr Karthikeyan A ; Dr Parthiban P
142	IN2940/CHE/2015	Multiple Porous Draft Tube Spouted Bed Contactor	11-Jun-15	NITK	Dr D V R Murthy ; Rajashekhara S



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143	IN1586/CHE/2013	Biomass Gasifier Stove	08-Apr-13	NITK	Dr Kumar G N India (In); S Venkatesh Kamath India (In)
144	IN5285/CHE/2012	A Process For Production Of An Alcoholic Beverage From Cashew Apple And Raisins And The Alcoholic Beverage Produced Thereof	18-Dec-12	NITK	Dr Prasanna Belur Devarbhatta (In); Vinayaka Babu Shet (In); Shashikiran Ravikiran Hospet (In)
145	IN743/CHE/2009	Reducing The Effect Of Channel Noise While Transmitting Or Storing A Watermarked Image	31-Mar-09	NITK	Sripati Acharya ; Myagmarbayar Nergui