

## Patent Details for Verification\_NIRF2026

Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication Number / Patent Granted Number
1	423155-001	Published	1. Gayatri Mohanty 2. Sasmita Lenka 3. Purabi Chanda	Finger Operated Okra Harvesting Device	Gayatri Mohanty	13-07-2024	15-10-2024	182590
2	202431050827	Published	1 . Santosh Swain 2 . Sasmita Lenka 3 . Gayatri Mohanty 4 . Gandhi Institute For Technology	Sensor Controlled Nutrient Feed With Solar Power Farming System	Santosh Swain	03-07-2024	12-07-2024	202431050827
3	202331010993	Published	1 . Debasis Gountia 2 . Satyajit Nayak 3 . Amar Kumar Das 4 . Rakesh Ranjan Behera 5 . Prasanta Kumar Sahoo 6 . Swarna Lata Pati	A Method For Securing Digital Microfluidic Biochip Layout Data Transmission	Debasis Gountia	17-02-2023	03-10-2023	567392
4	202231006038	Published	1 . Dr. Saroja Kumar Rout 2 . Dr. Amar Kumar Das 3 . Dr. Amiya Kumar Rath 4 . Dr. Sujit Kumar Panda 5 . Mr. Bibhuprasad Sahu 6 . Dr. Pradyumnakumar Mohapatra 7 . Dr. Debabrata Singh	A Novel Iot & Machine Learning-Based Dynamic Alert System For Drowsy Driver Detection	Dr. Saroja Kumar Rout	02-04-2022	03-11-2022	202231006038
5	1725/2021-co/L	Published	1. Dr. Nabnit Panigrahi 2. Dr. Srutiranjana Mishra 3. Dr. Alok Kumar Mohapatra 4. Mr. Biswa Bihari Rath	Diesel Engine Fuelled With Blends Of 5% Uidhydrocarbon Waste Plastic Fuels 15% Mahua Bideseland 80% Diesel By Volume	Dr. Nabnit Panigrahi	22-12-2021	22-12-2021	1725/2021-co/L

6	202131053884	Published	<ol style="list-style-type: none"> <li>1 . Santosh Swain</li> <li>2 . Sudhansu Sekhar Sahoo</li> <li>3 . Manoj Kumar Nayak</li> <li>4 . Vinay Shankar Pandey</li> <li>5 . Minati Baral</li> <li>6 . Debasmita Nayak</li> <li>7 . Sanju John Thomas</li> <li>8 . Harish Chandra Das</li> </ol>	Coil Based Solar Cooking Heater	Santosh Swain	23-11-2021	21-05-2024	538847
7	8495/2021-co/L	Published	<ol style="list-style-type: none"> <li>1. Satyajit Nayak</li> <li>2. Ashirbad Behera</li> <li>3. Ayushman Das Mohapatra</li> <li>4. Pradeep Kumar Swain</li> <li>5. Er Patitapaban Panda</li> </ol>	Upakari Swasthya Upakaran- An Android Interface To Reinforce The Non-Invasive Integrated Iot System To Measure The Leading Health Parameters	Satyajit Nayak	05-10-2021	05-10-2021	8495/2021-co/L
8	202131009828	Published	Prof. Amar Kumar Das, Dr. Srikanta Kumar Dash, Dr. Alok Kumar Mohapatra, Mr.Suraj Biswas, Mr.Sisir Kumar Panigrahi	A Novel Hybrid Solar Purifier For Cold And Warm Drinking Water	Prof Amar Kumar Das	03-09-2021	04-02-2021	202131009828
9	202131017228	Published	Mr.Satyajit Nayak, Ashirbad Behera, Ayushman Das, Pradeep Kumar Swain, Er.Patitapaban Panda	An Integrated Noninvasive System To Measure The Leading Health Parameters	Mr. Satyajit Nayak	13-04-2021	14-05-2021	202131017228
10	78/2021-co/L	Published	<ol style="list-style-type: none"> <li>1. Mr. Satyajitnayak</li> <li>2.Mrs. Satarupa Uttarkabat</li> <li>3. Dr. Patitapaban Panda</li> </ol>	Software Driven Mental State Assessment System	Mr. Satyajit Nayak	23-03-2021	23-03-2021	78/2021-co/L
11	90/2021-co/L	Published	<ol style="list-style-type: none"> <li>1. Mr. Satyajitnayak</li> <li>2. Mr. Ujjwal Kumar 8Th Sem Cse</li> </ol>	Kissan E- Pehchan	Mr. Satyajit Nayak	23-03-2021	23-03-2021	90/2021-co/L

12	98/2021-co/L	Published	1. Mr. Satyajitnayak 2. Mr. Ujjwal Kumar 8Th Sem Cse 3. Vicky Kumari 8Th Sem Cse 4. Yash Aditya 8Th Sem Cse	Varnan- The Lip-Reading Ai Expert	Mr. Satyajit Nayak	23-03-2021	23-03-2021	98/2021-co/L
13	89/2021-co/L	Published	1. Mr. Satyajitnayak 2.Mr. N M Baibhav 3Rd Sem Cse 3. Dr. Patitapaban Panda	Sazam - Safety In Accident Zones By Advance Mapping	Mr. Satyajit Nayak	19-03-2021	19-03-2021	89/2021-co/L
14	202131004594	Published	Dr. Nabnit Panigrahi, Dr. Srutiranjana Mishra, Dr. Alok Kumar Mohapatra, Mr. Biswa Bihari Rath	Diesel Engine Fuelled With Blends Of 5% Liquid Hydro Carbon Waste Plastics Fuels 15 % Mahua Biodiesel And 80 % Diesel By Volume.	Dr. Nabnit Panigrahi	02-03-2021	03-05-2021	202131004594
15	L-99981/2021	Published	1. Prof. Amar Kumar Das	Performance And Emission Study Of Di Diesel Engine Using Nano Graphene Additive With Waste Plastic Pyrolysis Oil As An Alternative Fuel	Prof. Amar Kumar Das	03-02-2021	03-02-2021	L-99981/2021
16	202131002691	Published	Prof.Amar Kumar Das	Performance And Emission Study Of Di Diesel Engine Using Nano Graphene Additive With Waste Plastic Pyrolysis Oil As An Alternate Fuel.	Prof Amar Kumar Das	20-01-2021	19-02-2021	202131002691
17	202131001775	Published	Mr. Satyajit Nayak, Ujjwal Kumar, Yash Aditya, Vicky Kumari, Er. Patitapaban Panda	Varnan- The Lip-Reading Ai Expert” For Physically Challenged People	Mr. Satyajit Nayak	14-01-2021	02-12-2021	202131001775

18	202131001783	Published	Dr. Satyajit Nayak, Ujjwal Kumarer, Er. Patitapaban Panda	Kissan E -Percha- 5G Based Farming Monitoring System Thru Drones To Ehnhance Agri Productivity	Mr. Satyajit Nayak	14-01-2021	02-12-2021	202131001783
19	21765/2020-co/L	Published	1. Mr. Satyajitnayak 2. Mrs. Satarupa Uttarkabat 3. Dr. Patitapaban Panda	Non- Contact Integrated Multi Modal Sensing Framework For Screening Preliminary Covid -19 Symptoms	Mr. Satyajit Nayak	24-12-2020	24-12-2020	21765/2020-co/L
20	202031055451	Published	Mr. Satyajit Nayak, Mr. Patitapaban Panda, Mrs. Satarupa Uttarkabat, Mr. Bibhuprasad Sahu, Dr. Saroj Kumar Rout, Dr. Sasmita Pani	A Novel Dynamic And Adaptive Elearning System For Improvement The Productivity Of Learners And Smart Attendance Monitoring Through Appropriate Interaction And Feedback	Mr. Satyajit Nayak	21-12-2020	02-05-2021	202031055451
21	202031055111	Published	Mr. Satyajit Nayak, Er. Patitapaban Panda, Mrs. Satarupa Uttarkabat, Dr. Surya Narayan Patnaik	A Novel Real-Time Portable Tele-Education Method Based On Cognitive Load And Learning Style From Bci Data Using Ci Based Techniques And Content Services	Mr. Satyajit Nayak	18-12-2020	02-05-2021	202031055111

22	202031054678	Published	Mr. Satyajit Nayak, Er. Patitapaban Panda, Mrs. Satarupa Uttarkabat, Dr. Surya Narayan Patnaik	A Novel Non-Contact Integrated Multimodal Sensing Deep Learning Framework For Screening Preliminary Covid-19 Symptoms	Mr. Satyajit Nayak	16-12-2020	02-05-2021	202031054678
23	202031054689	Published	Mr. Satyajit Nayak, Er. Patitapaban Panda, Mrs. Satarupa Uttarkabat, Dr. Surya Narayan Patnaik	A Novel Neurological Premonition Based Bci-Intervened Supervisory System For People With Special Needs	Mr. Satyajit Nayak	16-12-2020	02-05-2021	202031054689
24	202031049545	Published	Mr. Biswa Bihari Rath, Dr. Nabnit Panigrahi, Dr. Alok Kumar Mohapatra, Mrs. Swetapadma Mishra	Effortless Water Lifting Bucket Elevator Assembly With Gear Transmission	Mr. Biswa Bihari Rath	11-12-2020	13-05-2022	202031049545
25	21782/2020-co/L	Published	1. Mr. Satyajit Nayak 2. Mrs. Satarupa Uttarkabat 3. Dr. Patitapaban Panda	Dynamic And Adaptive E-Learning System For Improvement Of Productivity Of The Learners And Smart Attendance Monitoring Through Appropriate Interaction And Feedback	Mr. Satyajit Nayak	19-11-2020	19-11-2020	21782/2020-co/L
26	6791/2020-co/L	Published	1. Dr. Patitapaban Panda 2. Mr. Chinmaya Nanda Padhi	A Novel Smart Waste Bin To Secure The Wastes Using Artificial Intelligence Technique	Mr. Chinmaya Nanda Padhi	07-08-2020	07-08-2020	6791/2020-co/L

27	202031048693	Published	Mr. Satyajit Nayak, Mrs. Satarupa Uttarkabat, Mr. Bibhuprasad Sahu, Dr. Saroj Kumar Rout	A Novel Photoplethysmograph Iot Based Device To Determine The Heart Rate Using Volume Measurement Of Blood In Arteries And Capillaries	Mr. Satyajit Nayak	11-07-2020	12-11-2020	202031048693
28	202031033506	Published	Ms Bindu Agarwalla, Dr Anand Sharma, Mr Sitanath Biswas, Bhupesh Deka	System And Method For Predicting Spread Of Infectious Disease	Ms Bindu Agarwalla	08-05-2020	09-04-2020	202031033506
29	202031009562	Published	Mr. Bhupesh Deka, Mr. Sitanath Biswas, Dr. Sujata Dash, Dr. S Krishna Mohan Rao, Mr. Kunal Anand	Blockchain-Based System And Method For Providing A Platform For Managing Blood Banks	Mr. Bhupesh Deka	03-05-2020	15-05-2020	202031009562
30	202031009159	Published	Dr. Alok Kumar Mohapatra, Dr. Nabnit Panigrahi, Dr. Ravi Narayan Panda, Dr. Suvendu Prasad Sahu	Gestural Control Based Multimodal And Hybrid Wheelchair	Dr. Alok Kumar Mohapatra	03-03-2020	15-05-2020	202031009159
31	202031007190	Published	Mr. Sitanath Biswas, Mr. Bhupesh Deka, Dr. Nabnit Panigrahi	A Digital Device Based Helmet For Inducing Safety Of The User	Mr. Sitanath Biswas	20-02-2020	13-03-2020	202031007190
32	202031003261	Published	Mr Sitanath Biswas, Mr Bhupesh Deka	System And Method For Chilika Lake Tourist And Scientific Management	Mr. Sitanath Biswas	24-01-2020	02-07-2020	202031003261
33	202031002202	Published	Sitanath Biswas, Bhupesh Deka, Dr Sujata Dash, Mr. Biswa Ranjan Acharya	A Device For Easing The Anxiety Of A User	Sitanath Biswas	17-01-2020	02-07-2020	202031002202

34	18858/2019-co/L	Published	1. Mr. Amar Kumar Das 2. Dr. Srikanta Kumar Dash 3. Dr. Saroj Kumar Rout	A Novel Iot Based Hybrid Solar Cold Storage For Preservation Of Food Stuffs	Mr. Amar Kumar Das	16-01-2020	16-01-2020	18858/2019-co/L
35	201931052949	Published	Mr. Sitanath Biswas , Mr. Bhupesh Deka, Dr. Sujata Das , Dr S Krishna Mohan Rao , Mr. Pandaba Pradhan	A Hybrid Odia System For Search Engines	Mr. Sitanath Biswas	19-12-2019	03-01-2020	201931052949
36	201931045819	Published	1 . Prof.Amar Kumar Das 2 . Dr.Saroja Kumar Rout 3 . Prof.Srikanta Kumar Dash 4 . Prof.Ankit Jena 5 . Dr.S.Krishna Mohan Rao	A Novel Iot Based Hybrid Solar Cold Storage For Preservation Of Food Stuffs	Prof.Amar Kumar Das	11-11-2019	13-12-2019	513306
37	201941037560	Published	Dr Siva Shankar S, Dr Saravanan V, Dr.M.Ashwin, Bhupesh Deka, Dr.G.Sreeram, Dr.Sujata Dash	A Novel Selection Algorithm Based On Similarity Theory	Mr. Bhupesh Deka	18-09-2019	10-11-2019	201941037560
38	201931034352	Published	Mr Sitanath Biswas, Mr Bhupesh Deka, Dr.Sujata Dash, Dr. Siva Shankar S, Kunal Anand	System And Method For Automatically Detecting Plagiarism	Mr Sitanath Biswas	26-08-2019	13-09-2019	201931034352
39	201931033309	Published	Dr. Sujit Kumar Panda, Sthitapragyan Mohanty, Prof. Lakshmi Patil, Smt.Sujata S Kamalapurkar, Smt.Vinita Patil, Dr. Prashant Kumar Shukla, Dr. Piyush Kumar Shukla, Dr. Pramod H B, Awab Habib Fakhri	Study Of Fuzzy Controller For Real Time Adjustment Of Visual Sensor	Dr. Prashant Kumar Shukla	19-08-2019	13-09-2019	201931033309
40	201941033063	Published	Dr. Siva Shankar S, Bhupesh Deka, Dr. Saravanan V, Dr. Vince Paul, Dr. C. Vanmathi, Dr. K. Parthiban, Gayatri Parasa	System And Method For Managing Association And Dis-Association Files Among Users	Mr. Bhupesh Deka	16-08-2019	20-09-2019	201941033063
41	201931044851	Published	Bhupesh Deka, Sitanath Biswas, Dr Sujit Panda, Dr Krishna Mohan Rao	A System To Help Access Schemes Of Government To People Having A Single Interface	Mr Bhupesh Deka	11-05-2019	20-12-2019	201931044851

42	201941010264	Published	Mr Bhupesh Deka	System And Method For Mapping Entities Securely	Mr Bhupesh Deka	15-03-2019	22-03-2019	201941010264
43	201931039857	Published	Mr. Sitanath Biswas, Dr. Sujata Dash, Ms. Bindu Agarwalla, Dr. Sujit Kumar Panda, Mr. Bhupesh Deka, Dr. Siva Shankar S, Dr. P.Eswaran	lot Based Integrated Device And System For Health Analysis	Mr Sitanath Biswas	10-02-2019	11-08-2019	201931039857
44	201931031317	Published	Bhupesh Deka, Abhinaba Hazra, Dr. A. Srinivasula Reddy, Dr. Siva Shankar S	A Collaborative Unmanned Ariel Vechicle (Uav) System	Mr. Bhupesh Deka	08-02-2019	13-09-2019	201931031317
45	201941001387	Published	Mr Bhupesh Deka	System And Method For Agricultural Grievance Management	Mr Bhupesh Deka	11-01-2019	25-01-2019	201941001387
46	354371-001	Published	Dr. Amar Kumar Das, Dr.Patitapaban Panda , Er.Suraj Biswas	A Smart Automated Domestic Vermicomposting Bin	Dr. Amar Kumar Das	06-12-2021	06-12-2021	354371-001