

Patent Details for Verification_NIRF2024

Note: Provide your Institution's Patent details (Only Utility Patents) Discipline-wise as applied for NIRF Ranking each in Separate List/Table (Only Published & Granted during 2020 – 2022 year-wise) strictly in this provided format, and clearly write/mention the Discipline & Institute ID above the List/Table as prescribed. Details of the Design, Trademarks, or Copyrights, and only Filed Patents must be avoided. Those details should not be entered or provided in the list below as those won't be considered for the ranking. Patent details must be submitted along with all the source proofs (attached) like screenshots, pdf, image file from databases like InPASS, WIPO, USPTO, Espacenet, Derwent Innovation, etc. and direct URL/Website links, etc.

Discipline Name applied for NIRF2024 Ranking: **IR_ENGINEERING**

Institute ID: **IR-E-C-36306**

Provide below the Year-wise Count of Submitted Patent Data by the Institute (2020 to 2022) for NIRF2024 as applied in Discipline-specific:

Published_2020	Published_2021	Published_2022	Granted_2020	Granted_2021	Granted_2022	Total Published (2020-2022)	Total Granted (2020-2022)
0	17	13	0	3	2	30	5





Note: In 2021, in acutal total 22 no. of Patents Published and 4 no. of Patents were Granted but we could submit details of 17 no. of Published and 3 no. of Granted Patents. Corrected details are given below:

Patent Details with proofs (Attach screenshots, pdf, image file, etc.):

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	Assignee/s Name (Institute Affiliation/s at time of Application)	Here, attach Source Proof Screenshots/URL/ Website Links, etc.
1	202121001041 A	Published	Dr. Gaurav Soni	A System and Method to improve Routing Performance Against Dropping Attack in WSN Aided IOT	Dr. Gaurav Soni	08/01/2021	29/01/2021	202121001041 A	Technocrats Institute of Technology	https://search.ipindia.gov.in/DynamicUtility/Journal/ViewJournal
2	349306-001	Published	Siddhartha Shukla	Chemical mixing device for agriculture farm	Siddhartha Shukla	10/09/2021	12/11/2021	349306-001	Technocrats Institute of Technology	https://search.ipindia.gov.in/IPOJournal/Journal/Patent
3	202121019818 A	Published	Dr Vikas gupta	A Method for Detection and Removal of Random Valued Impulse Noise in Image Denoising using Adaptive Dual Threshold Median Filter	Dr. Vikas Gupta	30/04/2021	04/06/2021	202121019818 A	Technocrats Institute of Technology, Bhopal	https://search.ipindia.gov.in/IPOJournal/Journal/ViewJournal
4	202121032485 A	Published	Dr. Divya jain	A Block Chain Technology Based Method for Stock Market Analysis and Transactions.	Divya Jain, Dr Biswajit Tripathy, Mr. Prashant Richhariya, Dr. Arvind Kaurav, Dr. Shilpi Sharma, Mr. Himanshu Shroti, Ms. Bharti Bhattad, Mr. Balwant Singh Raghuwanshi, Dr Pooja Nagpal, G DIVAKARA REDDY, Mrs. Uma Gurav, Ms. Sweta Gupta	19/07/2021	13/08/2021	202121032485 A	Technocrats Institute of Technology, Bhopal	https://search.ipindia.gov.in/IPOJournal/Journal/ViewJournal
5	202141034950 A	Published	Dr. Archana Sharma	A Real Time Analysis and Prediction of Mental Health Disorder based on Machine Learning Technique	Mr. Anvar Shathik J, Dr. Anita Soni, Mr. Abolfazl Mehbodniya, Dr. Sanjay Shrivasa, K.R. SARAVANAN, Dr. Archana Sharma, Damodharan D, Ms. Alpana Meena, Pankaj Sarsia, Santosh Verma, Mr. Shailendra Chourasia, Mr. Prashant Richhariya	03/08/2021	13/08/2021	202141034950 A	Technocrats Institute of Technology, Bhopal	https://search.ipindia.gov.in/IPOJournal/Journal/ViewJournal

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	Assignee/s Name (Institute Affiliation/s at time of Application)	Here, attach Source Proof Screenshots/URL/ Website Links, etc.												
6	351213-001	Granted	Dr. Anurag Choubey	Street Lightning Pole With Multiple Energy Sources	Dr. Anurag Choubey, Dr. Hitesh Khare	12/10/2021	29/11/2021	351213-001	Technocrats Institute of Technology, Bhopal	<table border="1"> <tr><td>DESIGN NUMBER</td><td>351213-001</td></tr> <tr><td>CLASS</td><td>26-03</td></tr> <tr><td colspan="2">1. DR. ANURAG CHOUBEY, DESIGNATION-PROFESSOR, DEPT. COMPUTER SCIENCE & ENGG. TECHNOCRATS INSTITUTE OF TECHNOLOGY, ANAND NAGAR, BHOPAL - 462022 2. DR. HITESH KUMAR, DESIGNATION-PROFESSOR, DEPT. COMPUTER SCIENCE & ENGG. TECHNOCRATS INSTITUTE OF TECHNOLOGY, ANAND NAGAR, BHOPAL - 462022</td></tr> <tr><td>DATE OF REGISTRATION</td><td>12/10/2021</td></tr> <tr><td>TITLE</td><td>STREET LIGHTNING POLE WITH MULTIPLE ENERGY SOURCES</td></tr> <tr><td>PRIORITY NA</td><td></td></tr> </table> 	DESIGN NUMBER	351213-001	CLASS	26-03	1. DR. ANURAG CHOUBEY, DESIGNATION-PROFESSOR, DEPT. COMPUTER SCIENCE & ENGG. TECHNOCRATS INSTITUTE OF TECHNOLOGY, ANAND NAGAR, BHOPAL - 462022 2. DR. HITESH KUMAR, DESIGNATION-PROFESSOR, DEPT. COMPUTER SCIENCE & ENGG. TECHNOCRATS INSTITUTE OF TECHNOLOGY, ANAND NAGAR, BHOPAL - 462022		DATE OF REGISTRATION	12/10/2021	TITLE	STREET LIGHTNING POLE WITH MULTIPLE ENERGY SOURCES	PRIORITY NA	
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DATE OF REGISTRATION	12/10/2021																					
TITLE	STREET LIGHTNING POLE WITH MULTIPLE ENERGY SOURCES																					
PRIORITY NA																						
7	202141041400	Granted	Dr. Anurag Choubey	Machine learning based system for prediction of road accident using support vector machine binary classification	Dr. Anurag Choubey	14/09/2021	01/10/2021	202141041400	Technocrats Institute of Technology, Bhopal	https://search.ipindia.gov.in/DynamicUtility/Journal/Patent												
8	359270-001	Published	Dr. Anurag Choubey	Internet of Things Based Financial Data Managing Device in Bank	Dr. Manish Kumar Gupta, Dr. Anurag Choubey, Dr. Hitesh Kumar, Dr. Anoop Kumar Pathariya, Dr. Akhilesh Kumar Choudhary, Akanksha Vijay Agrawal, Dipak Prabhakar Charde, Manish Kumar Sharma, Abhishek Kumar, Shraddha N. Zanjat	24/02/2022	29/04/2022	359270-001	Technocrats Institute of Technology, Bhopal	https://search.ipindia.gov.in/DynamicUtility/Journal/ViewJournal												
9	351213-001	Granted	Dr. Hitesh Kumar	Street Lightning Pole With Multiple Energy Sources	Dr. Anurag Choubey, Dr. Hitesh Khare	12/10/2021	29/11/2021	351213-001	Technocrats Institute of Technology, Bhopal	<table border="1"> <tr><td>DESIGN NUMBER</td><td>351213-001</td></tr> <tr><td>CLASS</td><td>26-03</td></tr> <tr><td colspan="2">1. DR. ANURAG CHOUBEY, DESIGNATION-PROFESSOR, DEPT. COMPUTER SCIENCE & ENGG. TECHNOCRATS INSTITUTE OF TECHNOLOGY, ANAND NAGAR, BHOPAL - 462022 2. DR. HITESH KUMAR, DESIGNATION-PROFESSOR, DEPT. COMPUTER SCIENCE & ENGG. TECHNOCRATS INSTITUTE OF TECHNOLOGY, ANAND NAGAR, BHOPAL - 462022</td></tr> <tr><td>DATE OF REGISTRATION</td><td>12/10/2021</td></tr> <tr><td>TITLE</td><td>STREET LIGHTNING POLE WITH MULTIPLE ENERGY SOURCES</td></tr> <tr><td>PRIORITY NA</td><td></td></tr> </table> 	DESIGN NUMBER	351213-001	CLASS	26-03	1. DR. ANURAG CHOUBEY, DESIGNATION-PROFESSOR, DEPT. COMPUTER SCIENCE & ENGG. TECHNOCRATS INSTITUTE OF TECHNOLOGY, ANAND NAGAR, BHOPAL - 462022 2. DR. HITESH KUMAR, DESIGNATION-PROFESSOR, DEPT. COMPUTER SCIENCE & ENGG. TECHNOCRATS INSTITUTE OF TECHNOLOGY, ANAND NAGAR, BHOPAL - 462022		DATE OF REGISTRATION	12/10/2021	TITLE	STREET LIGHTNING POLE WITH MULTIPLE ENERGY SOURCES	PRIORITY NA	
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DATE OF REGISTRATION	12/10/2021																					
TITLE	STREET LIGHTNING POLE WITH MULTIPLE ENERGY SOURCES																					
PRIORITY NA																						
10	359270-001	Granted	Dr. Hitesh Kumar	Robotic Device for Sample Collection at Archaeological Site	Dr. Hitesh Kumar	24/02/2022	29/04/2022	359270-001	Technocrats Institute of Technology, Bhopal	<table border="1"> <tr><td>DESIGN NUMBER</td><td>359270-001</td></tr> <tr><td>CLASS</td><td>15-99</td></tr> <tr><td colspan="2">1. DR. MANISH KUMAR GUPTA, ASSOCIATE PROFESSOR, SIRSI KHUSHAL DAS UNIVERSITY, HANUMANGARH (RAJASTHAN), INDIA 2. DR. ANURAG CHOUBEY PROFESSOR, DEPT. OF COMPUTER SCIENCE & ENGG., TECHNOCRATS INSTITUTE OF TECHNOLOGY, BHOPAL, INDIA 3. DR. HITESH KUMAR PROFESSOR & HEAD DEPT. OF MECHANICAL ENGG., TECHNOCRATS INSTITUTE OF TECHNOLOGY, BHOPAL, INDIA 4. DR. ANOOP KUMAR PATHARIYA PROFESSOR, DEPT. OF MECHANICAL ENGG., TECHNOCRATS INSTITUTE OF TECHNOLOGY & SCIENCE, BHOPAL, INDIA, ET AL.</td></tr> <tr><td>DATE OF REGISTRATION</td><td>24/02/2022</td></tr> <tr><td>TITLE</td><td>ROBOTIC DEVICE FOR SAMPLE COLLECTION AT ARCHAEOLOGICAL SITE</td></tr> <tr><td>PRIORITY NA</td><td></td></tr> </table> 	DESIGN NUMBER	359270-001	CLASS	15-99	1. DR. MANISH KUMAR GUPTA, ASSOCIATE PROFESSOR, SIRSI KHUSHAL DAS UNIVERSITY, HANUMANGARH (RAJASTHAN), INDIA 2. DR. ANURAG CHOUBEY PROFESSOR, DEPT. OF COMPUTER SCIENCE & ENGG., TECHNOCRATS INSTITUTE OF TECHNOLOGY, BHOPAL, INDIA 3. DR. HITESH KUMAR PROFESSOR & HEAD DEPT. OF MECHANICAL ENGG., TECHNOCRATS INSTITUTE OF TECHNOLOGY, BHOPAL, INDIA 4. DR. ANOOP KUMAR PATHARIYA PROFESSOR, DEPT. OF MECHANICAL ENGG., TECHNOCRATS INSTITUTE OF TECHNOLOGY & SCIENCE, BHOPAL, INDIA, ET AL.		DATE OF REGISTRATION	24/02/2022	TITLE	ROBOTIC DEVICE FOR SAMPLE COLLECTION AT ARCHAEOLOGICAL SITE	PRIORITY NA	
DESIGN NUMBER	359270-001																					
CLASS	15-99																					
1. DR. MANISH KUMAR GUPTA, ASSOCIATE PROFESSOR, SIRSI KHUSHAL DAS UNIVERSITY, HANUMANGARH (RAJASTHAN), INDIA 2. DR. ANURAG CHOUBEY PROFESSOR, DEPT. OF COMPUTER SCIENCE & ENGG., TECHNOCRATS INSTITUTE OF TECHNOLOGY, BHOPAL, INDIA 3. DR. HITESH KUMAR PROFESSOR & HEAD DEPT. OF MECHANICAL ENGG., TECHNOCRATS INSTITUTE OF TECHNOLOGY, BHOPAL, INDIA 4. DR. ANOOP KUMAR PATHARIYA PROFESSOR, DEPT. OF MECHANICAL ENGG., TECHNOCRATS INSTITUTE OF TECHNOLOGY & SCIENCE, BHOPAL, INDIA, ET AL.																						
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TITLE	ROBOTIC DEVICE FOR SAMPLE COLLECTION AT ARCHAEOLOGICAL SITE																					
PRIORITY NA																						
11	359270-001	Published	Dr. Hitesh Kumar	Internet of Things Based Financial Data Managing Device in Bank	Dr. Manish Kumar Gupta, Dr. Anurag Choubey, Dr. Hitesh Kumar, Dr. Anoop Kumar Pathariya, Dr. Akhilesh Kumar Choudhary, Akanksha Vijay Agrawal, Dipak Prabhakar Charde, Manish Kumar Sharma, Abhishek Kumar, Shraddha N. Zanjat	24/02/2022	29/04/2022	359270-001	Technocrats Institute of Technology, Bhopal	https://search.ipindia.gov.in/DynamicUtility/Journal/ViewJournal												
12	202111019211	Published	Dr. Prashant Richhariya	A Systematic Framework for Healthcare Information Exchange Through Blockchain-Based Approaches	Prashant Richhariya	07/04/2021	07/05/2021	202111019211	Technocrats Institute of Technology, Bhopal	https://ipindia.gov.in/												
13	202121032485A	Published	Dr. Prashant Richhariya	A Real Time analysis and prediction of Mental Health Disorder based on Machine Learning Technique	Mr. Anvar Shathik J, Dr. Anita Soni, Mr. Abolfazl Mehbodniya, Dr. Sanjay Shrivastava, K.R. SARAVANAN, Dr. Archana Sharma, Damodharan D, Ms. Alpana Meena, Pankaj Sarsia, Santosh Verma, Mr. Shailendra Chourasia, Mr. Prashant Richhariya	19/07/2021	13/08/2021	202121032485A	Technocrats Institute of Technology, Bhopal	https://ipindia.gov.in/writereaddata/Portal/IPOJournal/1_5003_1/Part-1.pdf												

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	Assignee/s Name (Institute Affiliation/s at time of Application)	Here, attach Source Proof Screenshots/URL/ Website Links, etc.
14	202121047115	Published	Dr. Prashant Richhariya	Method To Assist Farmers In Agricultural Production Using Weather Forecast And Field Data Using Machine Learning And Artificial Intelligence	Prashant Richhariya	17/11/2021	03/12/2021	202121047115	Technocrats Institute of Technology, Bhopal	https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/ApplicationStatus
15	202141034950	Published	Dr. Anita Soni	A Real Time analysis and prediction of Mental Health Disorder based on Machine Learning Technique	Mr. Anvar Shathik J, Dr. Anita Soni, Mr. Abolfazl Mehbodniya, Dr. Sanjay Shrivastava, K.R. SARAVANAN, Dr. Archana Sharma, Damodharan D, Ms. Alpina Meena, Pankaj Sarsia, Santosh Verma, Mr. Shailendra Chourasia, Mr. Prashant Richhariya	03/08/2021	13/08/2021	202141034950	Technocrats Institute of Technology, Bhopal	https://ipindia.gov.in/writereaddata/Portal/IPOJournal/1_5003_1/Part-1.pdf
16	202121047115	Published	Dr. Anita Soni	Method To Assist Farmers In Agricultural Production Using Weather Forecast And Field Data Using Machine Learning And Artificial Intelligence	Dr. Anita Soni	17/11/2021	03/12/2021	202121047115	Technocrats Institute of Technology, Bhopal	https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/ApplicationStatus
17	202121061160	Published	Dr. Anita Soni	Method And System for Developing Efficient Load Balancing using Priority Algorithm in Cloud Computing	Dr. Anita Soni	28/12/2021	07/01/2022	202121061160	Technocrats Institute of Technology, Bhopal	https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/ApplicationStatus
18	202121061160	Published	Dr. Rachna Kamble	Method And System for Developing Efficient Load Balancing using Priority Algorithm in Cloud Computing	Dr. Rachna Kamble, Dr. Anita Soni	28/12/2021	07/01/2022	202121061160	Technocrats Institute of Technology, Bhopal	https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/ApplicationStatus
19	202121048702 A	Published	Dr. Neelam Swarnkar	A crop health monitoring system using machine learning	Mr. Neeraj Chandani, Dr. Kirti Verma, Prof. M.Sundararajan, Dr. Anand Mohan, Prof. Uma Sahu, Dr. Seema Dubey, Prof. Ganga Singh, Ms. Neelam Swarnkar, Ms. Payal B.Joshi, Dr. Mamta Verma	25/10/2021	10/12/2021	202121048702 A	Technocrats Institute of Technology, Bhopal	https://search.ipindia.gov.in/IPOJournal/Journal/ViewJournal
20	202141042813 A	Published	Dr Kiran Pandey	The internet of things (IOT) based cost-effective and simple solutions for energy robbery finding and error analysis	Arumugam Ranjith, S.VENKATASUBRAMANIAN, Dr Bindu Krishnan, Dr Kiran Pandey, Dr. Bireswar Dass Mazumdar, Dr.Niraj Chandrakant Chaudhari, Dr.M.Manimaran, Dr Prashant Geete, Prof Arpit Namdev, Dr Vijendra Kumar Maurya, Raja Raju	22/09/2021	01/10/2021	202141042813 A	Maulana Azad National Institute Of Technology	https://search.ipindia.gov.in/IPOJournal/Journal/ViewJournal
21	202141049777 A	Published	Dr Kiran Pandey	Cloud and iot based intelligent plant wall for green indoor climate	Arumugam Ranjith, Mr. Sachin Sharma, Dr. Kiran Pandey, Dr. Bireswar Dass Mazumdar, Dr. Rohit, Dr. Sandeep Rout, Mrs. Jaya Shukla, Dr. Veena Baunthiyal, Mr. Ravi Goutam, Dr. Anju Sharma, Dr. Priyanka Pandey	29/10/2021	26/11/2021	202141049777 A	Technocrats Institute of Technology, Bhopal	https://search.ipindia.gov.in/IPOJournal/Journal/ViewJournal
22	202121032485 A	Published	Dr. Prashant Richhariya	A Block Chain Technology Based Method for Stock Market Analysis and Transactions.	Prof. Divya Jain, Dr Biswajit Tripathy, Mr. Prashant Richhariya, Dr. Arvind Kaurav, Dr. Shilpi Sharma, Mr. Himanshu Shroti, Ms. Bharti Bhattad, Mr. Balwant Singh Raghuvanshi, Dr Pooja Nagpal, G DIVAKARA REDDY, Mrs. Uma Gurav, Ms. Sweta Gupta	19/07/2021	13/08/2021	202121032485 A	Technocrats Institute of Technology, Bhopal	https://search.ipindia.gov.in/IPOJournal/Journal/ViewJournal

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	Assignee/s Name (Institute Affiliation/s at time of Application)	Here, attach Source Proof Screenshots/URL/ Website Links, etc.												
23	202121019818	Published	Dr Vikas gupta	METHOD FOR AUTOMATIC AND EFFICIENT MR IMAGES DENOISING USING DENSENET ANDADVANCED NLM FILTERING	Dr Vikas gupta	30/04/2021	04/06/2021	202121019818	Technocrats Institute of Technology, Bhopal	https://www.ipindia.gov.in/												
24	202241005492	Published	Dr. Divya Jain	Mechanical system with IR sensor based circuit to generate electricity	Dr Vibha Tiwari, Divya Jain	01/02/2022	11/02/2022	202241005492	Technocrats Institute of Technology, Bhopal													
25	202241005492	Published	Dr Vibha Tiwari	Mechanical system with IR sensor based circuit to generate electricity	Dr Vibha Tiwari, Divya Jain	01/02/2022	11/02/2022	202241005492	Technocrats Institute of Technology, Bhopal	https://www.ipindia.gov.in/												
26	202221011919	Published	Dr Vikas gupta	MEDIROBO: A humanoid robot for medical assistance based on artificial intelligence learning methods	Dr Vikas gupta	04/03/2022	22/04/2022	202221011919	Technocrats Institute of Technology, Bhopal													
27	202221023937	Published	Dr Vikas gupta	Method for Automatic & Efficient MR Images Denoising using Densenet and Advanced NLM Filtering.	Dr Vikas gupta	22/04/2022	06/05/2022	202221023937	Technocrats Institute of Technology, Bhopal													
28	357142-001	Granted	Dr. Hitesh Kumar	IOT Based Device for Controlling Electrical Appliances	Dr. Hitesh Kumar	21/01/2022	01/04/2022	357142-001	Technocrats Institute of Technology, Bhopal	<table border="1"> <tr> <td>DESIGN NUMBER</td> <td>357142-001</td> </tr> <tr> <td>CLASS</td> <td>13-99</td> </tr> <tr> <td>INVENTOR</td> <td>DR. HITEESH KUMAR, ASSISTANT PROFESSOR, DEPARTMENT OF ELECTRICAL ENGINEERING, HON. SHRI. BABANRAO PACHPATE NICHARDEWARA TRUST'S, GROUP OF INSTITUTIONS, COLLEGE OF ENGINEERING, KASHTI- 414701 2, DR. HITESH KUMAR PROFESSOR AND HEAD, DEPARTMENT OF MECHANICAL ENGINEERING, TECHNOCRATS INSTITUTE OF TECHNOLOGY, BHOPAL 3, DR. ANUPAM KUMAR PATHARIYA PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, TECHNOCRATS INSTITUTE OF TECHNOLOGY & SCIENCE, BHOPAL 4, RITUJAI PATEL SENIOR ANALYST, TETRA PAK INDIA PRIVATE LIMITED, PUNE, 411005, MAHARASHTRA, INDIA</td> </tr> <tr> <td>DATE OF REGISTRATION</td> <td>21/01/2022</td> </tr> <tr> <td>TITLE</td> <td>IOT BASED DEVICE FOR CONTROLLING ELECTRICAL APPLIANCES</td> </tr> <tr> <td>PRIORITY NA</td> <td></td> </tr> </table> 	DESIGN NUMBER	357142-001	CLASS	13-99	INVENTOR	DR. HITEESH KUMAR, ASSISTANT PROFESSOR, DEPARTMENT OF ELECTRICAL ENGINEERING, HON. SHRI. BABANRAO PACHPATE NICHARDEWARA TRUST'S, GROUP OF INSTITUTIONS, COLLEGE OF ENGINEERING, KASHTI- 414701 2, DR. HITESH KUMAR PROFESSOR AND HEAD, DEPARTMENT OF MECHANICAL ENGINEERING, TECHNOCRATS INSTITUTE OF TECHNOLOGY, BHOPAL 3, DR. ANUPAM KUMAR PATHARIYA PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, TECHNOCRATS INSTITUTE OF TECHNOLOGY & SCIENCE, BHOPAL 4, RITUJAI PATEL SENIOR ANALYST, TETRA PAK INDIA PRIVATE LIMITED, PUNE, 411005, MAHARASHTRA, INDIA	DATE OF REGISTRATION	21/01/2022	TITLE	IOT BASED DEVICE FOR CONTROLLING ELECTRICAL APPLIANCES	PRIORITY NA	
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PRIORITY NA																						
29	354096-001	Published	Siddhartha Shukla	Solar Powered Billboard	Siddhartha Shukla	01/12/2021	11/02/2022	210428-Published on journal No is 06/2022	Technocrats Institute of Technology, Bhopal	https://search.ipindia.gov.in/DesignApplicationStatus/												
30	356465-001	Published	Siddhartha Shukla	Solar Parking Managing Device	Siddhartha Shukla	10/01/2022	25/03/2022	211911-Published on journal No is 12/2022	Technocrats Institute of Technology, Bhopal	https://search.ipindia.gov.in/DesignApplicationStatus/												
31	360124-001	Published	Siddhartha Shukla	Solar Powered Device to Detect Nutrient in Supplied Farm Water	Dr. Sanatan Kumar, Siddharth Shukla	08/03/2022	17/06/2022	214418-Published on journal No is 24/2022	Technocrats Institute of Technology, Bhopal	https://search.ipindia.gov.in/DesignApplicationStatus/												
32	360124-001	Published	Dr. Sanatan Kumar	Solar Powered Device to Detect Nutrient in Supplied Farm Water	Dr. Sanatan Kumar, Siddharth Shukla	08/03/2022	17/06/2022	214418-Published on journal No is 24/2022	Technocrats Institute of Technology, Bhopal	https://search.ipindia.gov.in/DesignApplicationStatus/												
33	364331-001	Published	Dr. Ranjeeta Khare	Portable face recognition cum attendance recording device	Dr. Priyank Jain, Dr. Nilay Khare, Dr. Meenu Chawla, Dr. Ranjeeta Khare, Shriya Sahu, Dr. Sonal Chandel, Prema Verma, Dr. Anupama Jain	17/05/2022	22/07/2022	Journal No. 29/2022, Design No. 364331-001 certificate no, 115886	Technocrats Institute of Technology, Bhopal	https://search.ipindia.gov.in/DesignApplicationStatus/												

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	Assignee/s Name (Institute Affiliation/s at time of Application)	Here, attach Source Proof Screenshots/URL/ Website Links, etc.
34	202121047115	Published	Kedar Nath Singh	METHOD TO ASSIST FARMERS IN AGRICULTURAL PRODUCTION USING WEATHER FORECAST AND FIELD DATA USING MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE	1 . Dr. Ashish Manohar Urkude 2 . Dr. Ankit Kumar Gupta 3 . Dr. Minal Bafna 4 . Kedar Nath Singh 5 . Rakesh Kumar Lodhi 6 . Balwant Singh Raghuwanshi 7 . Nishesh Nigam 8 . Arjun Rajput 9 . Himanshu Shrotri 10 . Dr. Pavithra G. 11 . Dr. T.C.Manjunath	18/10/2021	12/03/2021	202121047115	Technocrats Institute of Technology, Bhopal	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
35	202111019211	Published	Dr. Prashant Richhariya	A Systematic Framework for Healthcare Information Exchange Through Blockchain-Based Approaches	Prashant Richhariya	07/04/2021	07/05/2021	202111019211	Technocrats Institute of Technology, Bhopal	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus