

Intellectual Property Rights

Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication Number / Patent Granted Number
1	201731011727 A	Granted	DR. BISWARUP NEOGI MR. DIPESU BANERJEE	Wireless Detachable Bluetooth Microphone Speaker	31/03/2017	10/10/2023	The Patent Office Journal No. 16/2017 dated 21/04/2017 10940
2	202331060313	Published	Dr. Sila Singh Ghosh, Dr. Biswarup Neogi, Dr. Sunipa Roy, Amit Debnath, Dr. Soumik Podder	Hoop Race Training Device	07/09/2023	6/10/2023	The Patent Office Journal No. 40/2023 Dated 06/10/2023 67329
3	202331026292	PUBLISHED	Anirban Ghosal, Krishnendu Mondal, Sagar Das, Ritesh Sarkar, Heena Patel, Papiya Paul, Avirup Chakraborty.	Voice Controlled Spy Spider Robot	08/04/2023	22/03/2024	The Patent Office Journal No. 12/2024 Dated 22/03/2024 29746
4	202331026978	PUBLISHED	Anirban Ghosal, Akash Biswas, Krishnendu Mondal, Ritesh Sarkar, Sneha Singh, Soutik Bera.	Removing Drawback of door lock using face recognition technology.	12/04/2023	22/03/2024	The Patent Office Journal No. 12/2024 Dated 22/03/2024 29751

5	202331029730	PUBLISHED	Sk Suman, Utsab Ray, Dip Kumar Kundu, Soumik Basu, Dr. Biswarup Neogi, Dr. Indranath Sarkar.	Contrived motorization of vehicle through advanced android administration	25/04/2023	29/03/2024	The Patent Office Journal No. 13/2024 Dated 29/03/2024 32177
6	202331029751	PUBLISHED	Dr. Moumita Pal, Dr. Biswarup Neogi, Dr. Partha Sarkar	Design of Silicon Carbide Based High- k dielectric Capacitive Micromachined Ultrasonic Transducer	25/04/2023	29/03/2024	The Patent Office Journal No. 13/2024 Dated 29/03/2024 32179
7	202331030257	PUBLISHED	Ashim Kumar Biswas, Soumya Sundar Pattanayak, Ujjal Chakraborty, Biswarup Neogi, Dr. Partha Sarkar	Development of a low cost substrate using bio-degradable residue coconut husk for electromagnetic applications	27/04/2023	29/03/2024	The Patent Office Journal No. 13/2024 Dated 29/03/2024 32182
8	202331035849	PUBLISHED	Anirban Ghosal, Krishnendu Mondal, Sagar Das, Ritesh Sarkar, Soumik Sarkar, Heena Patel, Soumadip Ghosh ,Samrat Dutta, Sneha Singh , Akash Biswas.	Voice Control Entertaining Dancing Doll Robot	23/05/2023	29/03/2024	The Patent Office Journal No. 13/2024 Dated 29/03/2024 32184
9	202331036109	PUBLISHED	Anirban Ghosal, Akash Biswas, Anwesha Biswas, Arnab Majumder, Ishpita Roy, Oishi Bose, Tanutra Jana	Cost Effective Automated Hand Sanitizer Dispenser Machine	24/05/2023	29/03/2024	The Patent Office Journal No. 13/2024 Dated 29/03/2024 32185

10	202331036262	PUBLISHED	Anirban Ghosal, Titas Saha, Ankit Dhar, Bodhisattwa Bhattacharyya, Birupakhya Roychowdhury, Sridhar Dey, Srijan Mondal, SK Rakib Ali.	Programmed Fire Fighting Robot with Automated Path Selection Technology	25/05/2023	29/03/2024	The Patent Office Journal No. 13/2024 Dated 29/03/2024 32186
11	202331036359	PUBLISHED	Anirban Ghosal, Soumik Sarkar, Soutik Bera, Soumadip Ghosh , Sneha Singh , Samrat Dutta , Akash Biswas , Nilanjan Bhattacharjee.	Cost effective Automated BMI System.	25/05/2023	29/03/2024	The Patent Office Journal No. 13/2024 Dated 29/03/2024 32187
12	202231068232	PUBLISHED	Sk Suman, Utsab Ray, Dip Kumar Kundu, Soumik Basu, Dr. Biswarup Neogi, Dr. Indranath Sarkar.	A System for Contrived motorization of vehicle through advanced android administration	28/11/2022	15/03/2024	The Patent Office Journal No. 11/2024 Dated 15/03/2024 26783
13	202431011953	Published	Dr. Ashim Kumar Biswas, Soumya Sundar Pattanayak, Dr. Ujjal Chakraborty, Dr. Biswarup Neogi, Dr. Moumita Pal, Partha Sarkar	Development of a low cost substrate using bio-degradable residue coconut husk for electromagnetic applications	21/02/2024	15/03/2024	The Patent Office Journal No. 11/2024 Dated 15/03/2024 26797

14	202431011954	Published	Dr. Moumita Pal, Dr. Debasish Majumder, Dr. Shyam Sundar Santra, Dr. Rupak Bhattacharjee, Subhayan Kundu, Sampriti Ghosh, Sanket Nandi, Nayan Kumar Pramanik, Ritik Kumar Pandey	Water Energy Operated Light Sensing Table Lamp	21/02/2024	15/03/2024	The Patent Office Journal No. 11/2024 Dated 15/03/2024 26798
15	202431029541	Published	DR. PARTHA SARKAR, ANIRBAN GHOSAL, ANIRBAN PATRA, ROBIN MAHANTA, AFRIN BEGUM, AMRITA DAS ADHIKARI, SWARNALI SAHA, SAMBHAVI KUMARI, RAGATI MISHRA, RONIT BISWAS, SIDDHARTH CHAKRAVERTY	AI Enabled IoT Driven Automated Aquarium Ecosystem Administrator	12/04/2024	26/04/2024	The Patent Office Journal No. 17/2024 Dated 26/04/2024 39692
16	202431030944	Published	DR. PARTHA SARKAR, ANIRBAN GHOSAL, ANIRBAN PATRA, SAPTARSHI MONDAL, ANINDITA SARKAR,	SIGHT SENSE: A Comprehensive Assistive Device for Visually Impaired Navigation	17/04/2024	26/04/2024	The Patent Office Journal No. 17/2024 Dated 26/04/2024 39722

			NILIMESH PAL, PAYAL ROY, SAYANI PAL, PRIYANSHU BHATTACHARJE E, SABBIR ALI				
17	202431031511	Published	Anirban Ghosal, Moumita Pal, Sumanta Chatterjee, Swarnali Saha, Riyanka Ghosh, Moumita Paul, Mousumi Roy, Joy Singha Roy, Debopriya Das, Annu Kumari, Chandralekha Gorai	IOT based heart monitoring system	19/04/202 4	26/04/202 4	The Patent Office Journal No. 17/2024 Dated 26/04/2024 39730
18	202431035002	Published	Anirban Ghosal, Moumita Pal, Indranath Sarkar, Saptarshi Mondal, Ronit Biswas, Sabbir Ali, Rohit Rajak, Priyanshu Bhattacharjee, Moumita Paul, Sabuj Mallick, Adarshabrata Chowdhury, Sahitya Hira	IOT based Space rover and lander gate	02/05/202 4	10/05/202 4	The Patent Office Journal No. 19/2024 Dated 10/05/2024 45334

19	202431035309	Published	DR. PARTHA SARKAR, ANIRBAN GHOSAL, INDRANATH SARKAR, Debarati Dey Roy, SPANDAN BERA, UPASANA PAUL, SUMAN GHOSH, DIPAM PAL, SATTWICK ADHIKARY	Automatic Vehicle Accident Detection and Alert System using IoT	03/05/2024	10/05/2024	The Patent Office Journal No. 19/2024 Dated 10/05/2024 45342
20	202331043194	Granted	Moupali Roy, Saptarshi Basu, Biswarup Neogi, Prabir Kr. Saha	A system for prediction of pulmonary condition of human	6/27/2023	2/5/2024	IPI
21	202331085483 A	Published	Parotima Das, Biswarup Neogi, Somsubhra Gupta	Music therapy for deaf and dumb	12/14/2023	1/19/2024	The Patent Office Journal No. 3/2024 Dated 19/01/2024 6451
22	202431029542 A	Published	Dr. Partha Sarkar, Anirban Ghosal, Anirban Patra, Debopriya Das	IOT based smart and secure banking locker system for banking purpose with instant access notification	4/12/2024	4/26/2024	The Patent Office Journal No. 17/2024 Dated 26/04/2024 39693
23	202431030639	Published	Anirban Ghosal, Shyam Sundar Santra, Ashim Kumar Biswas, Amrita Das Adhikari, Debopriya Das, Robin Mahanta, Payel	AI Driven Wine/ Soda Peg Making Device	16/04/2024	26/04/2024	The Patent Office Journal No. 17/2024 Dated 26/04/2024 39716

			Roy, Sayani Pal, Joy Singha Roy, Prathama Chakraborty, Anindita Sarkar				
24	201731011721 A	Granted	DR. BISWARUP NEOGI MR.DIPESU BANERJEE MR.DAVID DAS MR.ASHRAFUL ISLAM	Wheel Walker For Aged, Cerebral Palsy And Handicapped People. (2WACPHP)	31/03/2017	28/06/2023	The Patent Office Journal No. 16/2017 dated 21/04/2017 10932
25	201731011683 A	Granted	DR. BISWARUP NEOGI MR.DIPESU BANERJEE MR.VIKAS RAM MAHURI	Economic Class Battery Assembled Cycle (ECBAC)	31/03/2017	14/12/2022	The Patent Office Journal No. 16/2017 dated 21/04/2017 10929
26	202231036544	Published	Dr. Biswarup Neogi, Dr. Sabyasachi Sen, Dr. Sandip Bag, Soumyabrata Saha, Utsab Ray, Jayanta Mallick, Jyotishman Hazra, Arnab Ghosh, Chirag Chakraborty, Binay Shaw, Aritra Das, Dinika Das, Prakriti Mukherjee	Curative Thumb Exercising Device	25/06/2022	29/07/2022	The Patent Office Journal No. 30/2022 Dated 29/07/2022 47515

27	202231036551	Published	Dr. Moumita Pal, Anirban Patra, Dr. Partha Sakar, Dr. Papun Biswas, Riya Karmakar, Rohan Chowdhury, Sarthak Chatterjee, Sankha Dey, Aditya Pandey, Bartik Chattopadhyay, Sayan Maji	Dumpling Processing Device	25/06/2022	29/07/2022	The Patent Office Journal No. 30/2022 Dated 29/07/2022 47521
28	202231041397	Published	Dr. Biswarup Neogi, ECE, Mr. Biswamoy Paul, EE; Mr. Sudip Das, EE, Dr. Papun Biswas, EE, Ms. Annwesha Banerjee, IT, Dr. Swagata Bhattacharjee, Physics, Aritra Sinha, ECE, Arpita Roy, ECE, Mr. Shankha Dey, Mr. Sarthak Chatterjee, ECE, Mr. Suraj Gaji, ME, Raja Mondal,, IT	Portable Cloth Drying Device	19/07/2022	05/08/2022	The Patent Office Journal No. 31/2022 Dated 05/08/2022 49225

29	202231041392	Published	Dr. Sandip Ghosh, ME; Dr. Partha Sarkar, ECE, Mr. Shishir Biswas, ME, Mr. Sumanta Chatterjee, CSE, Ms. Debasree Mitra, CSE, Ms. Ranjana Ray, ECE, Dipkumar Kundu, ECE, Risha Roy, IT, Sajal Gharai, IT, Mr. Saikat Pal, ECE, Mr. Shankhajit Roy, ME, Mr. Rahul Saha, IT, Indrani saha, CSE	Adaptable Climbing Assisitive Device	19/07/2022	05/08/2022	The Patent Office Journal No. 31/2022 Dated 05/08/2022 49220
30	202231041395	Published	Dr. Dibyendu Mondal, BME, Ms. Thia Paul, ME, Mr. Sourojit Ghosh, ECE, Mr. Debasish Sanki, IT, Ms. Ananya Barman, Chemistry, Mr. Anirban Ghoshal, ECE, Avinash Chatterjee, BME, Ms. Swati Sikder, BME, Pradyut Karmakar, BME,	Abdominal Exercise Device	19/07/2022	05/08/2022	The Patent Office Journal No. 31/2022 Dated 05/08/2022 49223

31	202231041389	Published	Mr. Palash Biswas, ME Mr. Jit Chakraborty,ME, Dr. Partha Sarkar, ECE, Dr. Trina Dutta, Chemistry, Mr. Sourojit Ghosh, ECE, Mr. Partha Ray, EE, Paromita Mitra, ECE, Rajsekhar Golder, Mr. Barish Mondal, EE, Mr. Subhajit Dey, EE, Satyaki Birbanshi, ME, Chirag Chakraborty, CSE	Nut Loosening And Tightening Device	19/07/202 2	05/08/202 2	The Patent Office Journal No. 31/2022 Dated 05/08/2022 49217
32	202231041396	Published	Dr. Papun Biswas, Dr. Sabyasachi Sen, Physics, Dr. Tanmoy Dutta, Chemistry, Mr. Sourish Halder, ECE, Ms. Moumita Pal, ECE, Ms. Tanusree Saha, IT, Mr. Indranil Halder, EE, Ms. Rani Roy, EE, Jayanta Mallick, BME, Prakriti Mukherjee, CSE, Manish Mandal, CSE, Binay Shaw, CSE	Clove Harvesting And Processing Device	19/07/202 2	05/08/202 2	The Patent Office Journal No. 31/2022 Dated 05/08/2022 49224

33	202231041390	Published	Mr. Proloy Ghosh, IT Mr. Aniruddha Bisaws, IT'; Dr. Sumit Das, IT; Dr. Parnati Rakshit, CSE, Mr. Sourojit Ghosh, ECE, Mr. Partha Das, EE, Santanu Kamilya, ECE, Mr. Sayan Maji, EE, Mr.	Swing Practicing Device For Baseball	19/07/2022	05/08/2022	The Patent Office Journal No. 31/2022 Dated 05/08/2022 49218
34	202231041393	Published	Dr. Sabyasachi Sen, Physics, Dr. Karabi Ganguly, BME, Dr. Sandip Bag, BME, Utsab Roy, BME, Dr. Biswarup Neogi, ECE, Mr. Basudeb Dey, EE, Auditee Saha Chowdhury, IT, UJJWAL SAH, IT, Dhurjati Proloy Biswas, EE, Sattick Chanda, EE, Pradip Singha, BME, Tirthak Deb Nath, CSE	Adaptable Infant-Body massaging Device	7/19/2022	8/5/2022	The Patent Office Journal No. 31/2022 Dated 05/08/2022 49221
35	202231041391	Published	Dr. Dharampal Singh, CSE Dr. Biswarup Neogi, ECE, Dr. Ira Nath, CSE, Dr. Sudipta Sahana, CSE, Dr. Sandip Bag, BME, Shivam Sarkar, ECE, Ms. Sneha Srimani, ECE, Ms. Aditi Neogi, BME,	Adaptive Container Opening Device	19/07/2022	05/08/2022	The Patent Office Journal No. 31/2022 Dated 05/08/2022 49219

			Saikat Bhattacharya, CE				
36	202231041394	Published	Dr. Debasish Das, CE Mr. Saumyabrata Saha, IT, Ms. Suparna Dasgupta, IT. Dr. Indranath Sarkar, ECE, Ms. Rinki Bhowmick, Physics, Dr. Karabi Ganguly, BME, Souradip Dey, ECE, Subhadeep Ghosh, ECE, Sayantan Laha, I	Training System For Aiming Targets	19/07/2022	05/08/2022	The Patent Office Journal No. 31/2022 Dated 05/08/2022 49222
37	202231041398	Published	Mr. Anirban Patra, ECE, Dr. Moumita Pal, ECE, Dr. Udipta Goswami, CE Dr. Subhamoy Singha Roy, Phys, Dr. Shyam Sundar Santra, Math, Dr. Anal Ranjan Sengupta, ME, Dr. Sumit Das, IT, Sk. Sohel Ahamed, ECE, Sk. Suman, ECE, Suman Das, CE, Sibananda Prasad Dutta, CE,	Concrete Levelling Assistive System	19/07/2022	05/08/2022	The Patent Office Journal No. 31/2022 Dated 05/08/2022 49226

			Sidarth Barua, IT, Raisa Ghosh, CSE				
38	201731028494	Granted	Dr. Biswarup Negoi et al	Involuntary Drainage Cleaning System	10/08/2017	10/07/2023	Design Accepted and Published, Journal No is 39/2022 and Journal Date is 30/09/2017
39	362006-001	Granted	JIS College of Engineering, Sankha Dey, Soumajit Pramanik, Sarthak Chatterjee, Saikat Pal, Sourajit Ghosh, Dr. Biswarup Neogi	NUT BOLT ASSEMBLY	6/4/2022	30/09/2022	Design Accepted and Published, Journal No is 39/2022 and Journal Date is 30/09/2022
40	362007-001	Granted	JIS College of Engineering, Sankha Dey, Soumajit Pramanik, Sourajit Ghosh, Dr. Biswarup Neogi	LATHE MACHINE JAW SPINDLE	6/5/2022	14/09/2022	Design Accepted and Published, Journal No is 39/2022 and Journal

							Date is 30/09/2022
41	202331036952	Published	Sabyasachi Sen, Papun Biswas, Moumita Pal, Indranath Sarkar	Solar Based Wood Pyrography Device	29/05/2023	02/06/2023	The Patent Office Journal No. 22/2023 Dated 02/06/2023 40845
42	202331036955	Published	Biswarup Neogi, Sandip Bag, Bikramjit Sarkar, Shishir Kumar Biswas	Tennis Shot Training Device	29/05/2023	02/06/2023	The Patent Office Journal No. 22/2023 Dated 02/06/2023 40848
43	202331036957	Published	Partha Sarkar, Sourish Halder, Anirban Patra, Sumanta Chatterjee	Automated Terra-Planter Manufacturing Device	29/05/2023	02/06/2023	The Patent Office Journal No. 22/2023 Dated 02/06/2023 40850
44	202241037111 A	Published	Biswarup Neogi, ramadevi arepalli	Detecting Botnet Cyber attacks in IOT scenarios using dynamic residual projection of concept drift	6/28/2022	7/22/2022	The Patent Office Journal No. 29/2022 Dated 22/07/2022 45810
45		Published	Debarati dey Roy, Anirban Ghosal	Electrically doped DNA and iron quantum dot spintronic model	1/20/2023	3/10/2023	

46	362003-001	Granted	JIS College of Engineering, Sankha Dey, Sarthak Chatterjee, Saikat Pal, Ankita Chakraborty, Soumajit Pramanik, Mr. Sourajit Ghosh, Dr. Biswarup Neogi	CALIBRATION DEVICE FOR MEASUREMENT INSTRUMENTS	6/4/2022	08/06/2022 2	Design Accepted and Published, Journal No is 25/2022 and Journal Date is 24/06/2022
47	202231027721 A	Published	Dr. Indranath Sarkar, Suparna Das Gupta, Suvajit Sarkar, Swarnali Sarkar, Somhrita Ghosh, Romit Sarkar, Sayantan Laha, Siddhartha Barua, Tanisha Kar	MULTIPURPOSE CLOTHING TRIAL ASSISTIVE DEVICE	13/05/2022 2	10/06/2022 2	The Patent Office Journal No. 23/2022 Dated 10/06/2022 35406
48	202231027723 A	Published	Dr. Biswarup Neogi, Sarthak Chatterjee, Saikat Pal, Sankha Dey, Ankita Chakraborty	BANDAGE DISPENSING DEVICE	13/05/2022 2	10/06/2022 2	The Patent Office Journal No. 23/2022 Dated 10/06/2022 35408
49	2021102333	Granted	Dr. Biswarup Neogi	An utilization of Artificial Intelligence based system for preventing covid effect on human body	5/3/2021	6/23/2021	Australian govt.
50	201931047605 A	Published	Dr. Biswarup Neogi, Shyamal kr. Das, Sudipta Ghosh, rahman laskar	Design and development of screening apparatus for non-invasive blood glucose estimation and feature extraction from joint visible infrared spectrum	11/21/2019	7/9/2021	The Patent Office Journal No. 28/2021 Dated 9/07/2021 31182
51	202031015972 A	Published	Dr. Biswarup Neogi, Dr. Partha Sarkar, Sankha Dey	Self-disinfection coronavirus protective gloves	4/13/2020	10/22/2021 1	The Patent Office Journal No. 43/2021

							Dated 22/10/2021 49602
52	202131050624	Granted	Dr. Biswarup Neogi, Susmita Das, Dalia Nandi	A Gait synchronized and body kinesics controlled prosthetic system for lower extremity amputation	11/3/2021	6/16/2022	IPI
53	202241027519 A	Published	Dr. Biswarup Neogi	Smart energy management system using machine learning and IOT	5/13/2022	5/27/2022	The Patent Office Journal No. 21/2022 Dated 27/05/2022 32213

Summary of Product Development Details:

SL.	Name of the Faculty/Students	Name of the Product (Title of Patent)	Patent Application No.	Application date	Status	Link
1	Faculty: Dr. Biswarup Negoi Student: Sankha Dey, Sarthak Chatterjee	An Artificial Intelligence Based System For Emotional Recognition	2020102150	30-09-2020	Granted	http://ipindia.gov.in/writereaddata/Portal/IPOJournal/1_4915_1/Part-1.pdf
	Faculty: Dr. Biswarup Negoi Student: Sankha Dey, Sarthak Chatterjee	An Utilization Of Artificial Intelligence Based System For Preventing Covid Effect On Human Body	2021102333	6/23/2021	Granted	http://ipindia.gov.in/writereaddata/Portal/IPOJournal/1_4915_1/Part-1.pdf
3	Faculty: Dr. Biswarup Neogi Student: Sankha Dey, Soumajit Pramanik, Sourajit Ghosh,	Lathe Machine Jaw Spindle	362007-001	06-04-2022	Granted	Design Accepted and Published, Journal No is 39/2022 and Journal Date is 30/09/2022
4	Faculty: Mr. Sourajit Ghosh, Dr. Biswarup Neogi, Student: Sankha Dey, Sarthak Chatterjee, Saikat Pal, Ankita Chakraborty, Soumajit Pramanik,	Caliberation Device for Measurement Instruments	362003-001	06-04-2022	Granted	
5	Faculty: Sourajit Ghosh, Dr. Biswarup Neogi Student: Sankha Dey, Soumajit Pramanik,	Nut Bolt Assembly	362006-001	06-04-2022	Granted	Design Accepted and Published, Journal No is 39/2022 and Journal Date is 30/09/2022
6	Faculty: Dr.Indranath Sarkar, Dr. Arindam Banerjee	Automatic And Manual Control Of Water Pump And Monitoring Using Mobile Application	2019310314 12 A	02-08-2019	Published	http://ipindia.gov.in/writereaddata/Portal/IPOJournal/1_4915_1/Part-1.pdf

7	Faculty: Dr. Biswarup Neogi Student: Sankha Dey, Sarthak Chatterjee	Essence Effect Creating Box Eecb To Generate Smell Effect With Ar Or Vr Image And Video	202031044075 A	09-10-2020	Published	http://ipindia.gov.in/writereaddata/Portal/IPOJournal/1_4931_1/Part-1.pdf
8	Faculty: Dr. Biswarup Neogi Student : Sankha Dey, Sarthak,	A Universal Module Attachment To Reduction Spreading Of Novel	202031044076 A	09-10-2020	Published	http://ipindia.gov.in/writereaddata/Portal/IPOJournal/1_4931_1/Part-1.pdf
9	Faculty: Dr. Biswarup Neogi	Uv And Alcohol Based money disinfectant machine to prevent the coronavirus	202031044148 A	09-10-2020	Published	http://ipindia.gov.in/writereaddata/Portal/IPOJournal/1_4931_1/Part-1.pdf
10	Faculty: Dr. Biswarup Neogi Student: Sankha Dey, Sarthak Chatterj,	Protective Conscious Alarm System For Eye, Nose And Mouth From Coronavirus Infected Hand	202031044170 A	10-10-2020	Published	http://ipindia.gov.in/writereaddata/Portal/IPOJournal/1_4931_1/Part-1.pdf
11	Faculty: Dr. Indranath Sarkar, Student : Suvajit Sarkar, Swarnali Sarkar, Somhritha Ghosh, Romit Sarkar, Sayantan Laha, Siddhartha Barua, Tanisha Kar	Multipurpose Clothing Trial Assistive Device	202231027721 A	13-05-2022	Published	https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/ PatentDetails
12	Faculty: Dr. Biswarup Neogi, Student: Sarthak Chatterje, Saikat Pal, Sankha Dey, Ankita Chakraborty	Bandage Dispensing Device	202231027723 A	13-05-2022	Published	https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/ PatentDetails
13	Faculty: Dr. Biswarup Neogi Student: Sarthak Chatterje, Saikat Pal, Sankha Dey, Ankita Chakraborty	Calibration Device For Measurement Instruments	362003-001	06-04-2022	Published	https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/ PatentDetails

14	Faculty: Dr. Moumita Pal, Anirban Patra, Dr. Partha Sakar, Dr. Papun Biswas, Student: Riya Karmakar, Rohan Chowdhury, Sarthak Chatterjee, Sankha Dey, Aditya Pandey, Bartik Chattopadhyay, Sayan Maji	Dumpling Processing Device	202231036551	25-06-2022	Published	https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/ PatentDetails
15	Faculty: Dr. Biswarup Neogi, Student: Aritra Sinha, Arpita Roy, Mr. Shankha Dey, Mr. Sarthak Chaterjee	Portable Cloth Drying Device		30-06-2022	Published	https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/PatentDetails
16	Faculty: Mr. Sourojit Ghosh, Mr. Anirban Ghoshal,	Abdominal Exercise Device		30-06-2022	Published	https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/ PatentDetails
17	Faculty: Dr. Partha Sarkar, Mr. Sourojit Ghosh,	Nut Loosening and Tightening Device		30-06-2022	Published	https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/ PatentDetails
18	Faculty: Dr. Biswarup Neogi, Student: Shivam Sarkar, Ms. Sneha Srimani,	Adaptive Container Opening Device		30-06-2022	Published	https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/ PatentDetails
19	Faculty: Mr. Anirban Patra, Dr. Moumita Pal,	Concrete Levelling Assistive System		30-06-2022	Published	https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/ PatentDetails
20	Faculty: Ashim Kumar Biswas	A Compact, Two-Port, High-Isolation MIMO Antenna Device For Broadband Applications	DE202022104781.2U	24-08-2024	Granted	https://patentimages.storage.googleapis.com/26/96/0c/e74a84e46f4bc9/DE202022104781U1.pdf

21	Faculty: Dr. Indranath Sarkar Student: Soumallya Koley, Sneha Srimani, Pratik Pal, Samriddha Biswas, Debanjana Nandy,	A Smart Pet Feeder	2020310446 97	2020-10-14	Published	Faculty: Dr. Indranath Sarkar Student: Soumallya Koley, Sneha Srimani, Pratik Pal, Samriddha Biswas, Debanjana Nandy,
22	Sneha Srimani, Soumallya Koley, Pratik Pal, Samriddha Biswas, Debanjana Nandy, Dr. Indranath Sarkar	Apparatus to Sense Proximity and Count Crowd	2020310446 98	2020-12-04	Published	Sneha Srimani, Soumallya Koley, Pratik Pal, Samriddha Biswas, Debanjana Nandy, Dr. Indranath Sarkar