

Patent Details for Verification_NIRF2023

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 2019 – 2021 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 NIRF2023 Ranking: **IR_ENGINEERING**

Institute ID: **U-0507**

Provide below the Year-wise Count of Submitted Patent Data by the Institute (2019 to 2021) for NIRF2023 as applied in Discipline-specific:

Published_2019	Published_2020	Published_2021	Granted_2019	Granted_2020	Granted_2021	Total Published (2019-2021)	Total Granted (2019-2021)
0	10	15	2	3	7	25	12

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	2073/DEL/2012	Granted	Devendra K Chaturvedi, Vishal Pengoria	CONTINUOUS GAS FIRED ANNEALING FURNACE"	Dayalbagh Educational Institute	04-07-2012	06-03-2019	308621	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
2	528/DEL/2011	Granted	Soami Daya Krishnananda, Ritika Verma, Tulika Giri	"MAGNETICALLY TUNABLE PLANAR MICROWAVE DEVICE ON NON-MAGNETIC DIELECTRIC SUBSTRATE AND A METHOD OF MAGNETIC TUNING THEREOF"	Dayalbagh Educational Institute	25-02-2011	29-03-2019	310364	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
3	331907-001	Granted	Bhanu Pratap Saini, Gurdeep Singh, Gurumukh Das	Ergonomic Three-Seater Wooden Sofa	Bhanu Pratap Saini, Gurdeep Singh, Gurumukh Das	13-08-2020	13-08-2020	331907-001	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
4	336629-001	Granted	Bhanu Pratap Saini, Gurdeep Singh, Arshdeep Kaur, Gurumukh Das	Compact Wooden Box	Bhanu Pratap Saini, Gurdeep Singh, Arshdeep Kaur, Gurumukh Das	21-12-2020	21-12-2020	336629-001	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
5	336632-001	Granted	Bhanu Pratap Saini, Gurdeep Singh, Arshdeep Kaur, Gurumukh Das	Ergonomic Jewellery Box	Bhanu Pratap Saini, Gurdeep Singh, Arshdeep Kaur, Gurumukh Das	21-12-2020	21-12-2020	336632-001	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
6	2021100592	Granted	K.Hansraj, Rajat Setia	Quantum seeded hybrid evolutionary computational process for constrained optimization	Dayalbagh Educational Institute	29-01-2021	15-04-2021	2021100592	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
7	345654-001	Granted	Ankit Kushwaha, Gurdeep Singh, Gurumukh Das, Amrit Lal	Automated Temple Bell (Set)	Ankit Kushwaha, Gurdeep Singh, Gurumukh Das, Amrit Lal	03-07-2021	03-07-2021	345654-001	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
8	201911034994	Granted	Neeraj Kumar Biswas, Anupam Srivastava, Sakshi Saxena, Anuradha Verma, Anamika Banerjee, Asha Kumari, Vibha Rani Satsangi, Rohit Srivastav, Sahab Dass	Partially crystalline nitrogen doped titanium dioxide for unbiased photoelectrochemical water splitting for hydrogen generation	DAYALBAGH EDUCATIONAL INSTITUTE	30-08-2019	29-07-2021	373104	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
9	347570-001	Granted	Jitesh Singh Chauhan, Gurdeep Singh, Bighna Kalyan Nayak, Gurumukh Das	Plastic Pen Holder	Jitesh Singh Chauhan, Gurdeep Singh, Bighna Kalyan Nayak, Gurumukh Das	08-08-2021	08-08-2021	347570-001	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
10	348594-001	Granted	Amrit Lal, Gurdeep Singh, Arshdeep Kaur, Gurumukh Das	Ergonomic Castanet	Amrit Lal, Gurdeep Singh, Arshdeep Kaur, Gurumukh Das	29-08-2021	29-08-2021	348594-001	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
11	2021105408	Granted	Vuppuluri, Prem Prakash; Chellapilla, Patvardhan	A METHOD AND SYSTEM FOR BUILDING MINIMUM SPANNING TREES WITH LEAF CONSTRAINT IN EUCLIDEAN SPACE	Vuppuluri, Prem Prakash; Chellapilla, Patvardhan	13-08-2021	25-11-2021	2021105408	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
12	2087/DEL/2007	Granted	Preeti Goyal, Shalini Srivastava, Manmohan Srivastava	"A PROCESS FOR THE DECONTAMINATION OF TOXIC HEAVY METAL'S POLLUTED WATER"	Dayalbagh Educational Institute	05-10-2007	29-11-2021	383003	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
13	364912-001	Granted	Jitesh Singh Chauhan, Gurdeep Singh, Divya Zindani, Gurumukh Das	Mud Picker Toy (Set) for Kids	Jitesh Singh Chauhan, Gurdeep Singh, Divya Zindani, Gurumukh Das	26-05-2022	05-08-2022	364912-001	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
14	363027-001	Granted	Jitesh Singh Chauhan, Gurdeep Singh, Divya Zindani, Gurumukh Das	Semi-precious Jewellery Organizer	Jitesh Singh Chauhan, Gurdeep Singh, Divya Zindani, Gurumukh Das	24-04-2022	07-10-2022	363027-001	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
15	371013-001	Granted	Jitesh Singh Chauhan, Gurdeep Singh, Divya Zindani, Gurumukh Das	Flagpole Section	Jitesh Singh Chauhan, Gurdeep Singh, Divya Zindani, Gurumukh Das			371013-001	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
16	337425-001	Published	Bhanu Pratap Saini, Gurdeep Singh, Gurumukh Das, Arshdeep Kaur	Ergonomic Kitchen Accessories Cabinet	Bhanu Pratap Saini, Gurdeep Singh, Gurumukh Das, Arshdeep Kaur	11-01-2021	11-01-2021	337425-001	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
17	202011014665	Published	Er. Ishant Singhal, Dr Ankit Sahai, Dr Rahul Swarup Sharma	EXTRUDER OF CIVIL CONSTRUCTION 3D PRINTER FOR DEPOSITING CONCRETE	Er. Ishant Singhal, Dr Ankit Sahai, Dr Rahul Swarup Sharma	02-04-2020	08-05-2020	202011014665	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
18	202011018294	Published	Saurabh Bhardwaj, Shivam Gautam, Guru Ratan Satsangee, Er. Ishant Singhal, Dr Ankit Sahai, Dr Rahul Swarup Sharma	SYSTEM AND METHOD TO SIMULATE 3D PRINTER MACHINE	Saurabh Bhardwaj, Shivam Gautam, Guru Ratan Satsangee, Er. Ishant Singhal, Dr Ankit Sahai, Dr Rahul Swarup Sharma	29-04-2020	19-06-2020	202011018294	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
19	202011019765	Published	Er. Shailendra Shakya, Shivam Gautam, Sumit Agarwal, Saurabh Bhardwaj, Prashant Pachauri, Er. Pushpendra Yadav, Er. Ishant Singhal, Dr Ankit Sahai, Dr Rahul Swarup Sharma	FOLDABLE FREEFORM FABRICATOR	Er. Shailendra Shakya, Shivam Gautam, Sumit Agarwal, Saurabh Bhardwaj, Prashant Pachauri, Er. Pushpendra Yadav, Er. Ishant Singhal, Dr Ankit Sahai, Dr Rahul Swarup Sharma	11-05-2020	19-06-2020	202011019765	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
20	202011020521	Published	Er. Pushpendra Yadav, Saurabh Bhardwaj, Shivam Gautam, Dr Ankit Sahai, Dr Rahul Swarup Sharma	FUSED MATERIAL DEPOSITION SYSTEM FOR PRODUCING RAPID PATTERNS	Er. Pushpendra Yadav, Saurabh Bhardwaj, Shivam Gautam, Dr Ankit Sahai, Dr Rahul Swarup Sharma	15-05-2020	26-06-2020	202011020521	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405

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21	201911002264	Published	D.Bhagwan Das, Ajay Kumar Saxena, G.S. Sailesh Babu, Gaurav Pratap Rana	MULTIPLE LAND-USE SUN TRACKING STRUCTURE FOR ACCOMMODATING SOLAR PANELS	DAYALBAGH EDUCATIONAL INSTITUTE	18-01-2019	28-08-2020	201911002264	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
22	201911007481	Published	D.Bhagwan Das, Ajay Kumar Saxena, Varun Maheshwari	FIELD PROGRAMMABLE GATE ARRAY BASED PROCESSING ENGINE FOR ELECTRIC POWER TRANSMISSION LINES	DAYALBAGH EDUCATIONAL INSTITUTE	26-02-2019	04-09-2020	201911007481	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
23	202011038309	Published	1 . GURU RATAN SATSANGEE, 2 . SAURABH BHARDWAJ, 3 . Er. ISHANT SINGHAL, 4 . Dr. ANKIT SAHAI, 5 . Dr. RAHUL SWARUP SHARMA	METHOD AND SYSTEM FOR MAKING SILICONE WASHERS AND GASKETS	1 . GURU RATAN SATSANGEE, 2 . SAURABH BHARDWAJ, 3 . Er. ISHANT SINGHAL, 4 . Dr. ANKIT SAHAI, 5 . Dr. RAHUL SWARUP SHARMA	04-09-2020	09-10-2020	41/2020	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
25	202031041107	Published	1 . SANDIPAN MALLIK, 2 . RAHUL ROY, 3 . GUFRAN AHMAD, 4 . AHMAD RAJA 5 . SYED HABIBUR RAHEMAN 6 . AJIT DASH 7 . PRAKASH PANIGRAHI 8 . PRASHANT KUMAR SINGH 9 . SHRABANI GUHATHAKURATA 10 . NABIN BARAN MANIK 11 . PALASH DAS 12 . SATYA SOPAN MAHATO	AN AUTOMATED PROBING SYSTEM FOR MEASURING ELECTRICAL CHARACTERISTICS OF ON-WAFER DEVICES AND A METHOD THEREOF	GUFRAN AHMAD	18-01-2019	16-10-2020	202031041107	Gufran Ahmad, DEI	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
26	202011048692	Published	Anami Saggar, Guru Ratan Satsangee, Dr Ankit Sahai, Dr Rahul Swarup Sharma	PORTABLE PRECISION SILENT COOLING SYSTEM FOR STORAGE OF VACCINE VIALS	Anami Saggar, Guru Ratan Satsangee, Dr Ankit Sahai, Dr Rahul Swarup Sharma	07-11-2020	20-11-2020	202011048692	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
27	202111004303	Published	1 . Dr.Kedri Janardhana 2 . Jayabalan Sivasamy 3 . Dr.Neelakandeswari Natarajan 4 . Dr.Yogambal Jayalakshmi Natarajan 5 . Koteswaran Sivasamy 6 . Dr.C. Udhaya Shankar 7 . Saravanan D 8 . Dr.D.Stalin David 9 . Dr.T.Vinoth Kumar	IOT ENABLED INTELLIGENT SOLAR CHARGE CONTROLLER FOR A SMART IRRIGATION SYSTEM	Dr.Kedri Janardhana	01-02-2021	12-02-2021	07/2021	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
28	202111004715	Published	1)Dr.Kedri Janardhana 2)Dr.T.Vinoth Kumar 3)Dr. Chitra Pasupathi 4)Dr.K.Chokkanathan 5)Dr.P.Subhashini 6)P.Rathnavel 7)Dr. K. Rajeshwar Rao 8)P. Meenalochini 9)Mr.Saravanan D	INTELLIGENT CONNECTIVITY DRIVING USING VEHICULAR AD HOC NETWORKS FOR FUTURE TRANSPORTATION	Dr.Kedri Janardhana	03-02-2021	12-02-2021	07/2021	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
29	202111005159	Published	1)Dr.Kedri Janardhana 2)Dr. Rajeev Gupta 3)Vivek Bhatnagar 4)Gulbir Singh 5)Gautam Kumar 6)Dr R Rajeswari 7)SHINI RENJITH 8)Saravanan D 9)Dr.D.Stalin David 10)M.Vijayaragavan	A SYSTEM AND METHOD FOR WILDLIFE SURVEILLANCE USING DEEP LEARNING	Dr.Kedri Janardhana	06-02-2021	12-02-2021	07/2021	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
30	202111006351	Published	1)Dr.Kedri Janardhana 2)Dr. SURIYA BEGUM 3)Dr.G.Prakash 4)Mrs.V.Akshaya 5)Dr. K. Rajeshwar Rao 6)Mr.K.Venkateshwar Rao 7)Dr.G.Ravivarman 8)Dr D Beulah David 9)MS. S.Karthika	AUGMENTED REALITY-BASED LOW COST SMART HELMET FOR E-VEHICLE	Dr.Kedri Janardhana	15-02-2021	19-02-2021	08/2021	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
31	202111007211	Published	1)Dr.Kedri Janardhana 2)Mr. C. S. Sundar Ganesh 3)Dr.M.Jagadeesh kumar 4)Mr.G.G.Muthukumar 5)Dr. N. Yogambal Jayalakshmi 6)Dr.R.Arul Jose 7)Dr. K. Uthayarani 8)Dr. M. Chitra 9)Mrs. R. Vasanthapriya 10)Mr.Jayabalan Sivasamy	INTELLIGENT FULLY AUTONOMOUS QUICK WATERLESS SOLAR PANEL CLEANING	Dr.Kedri Janardhana	20-02-2021	26-02-2021	09/2021	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
32	202111008211	Published	1)Dr.Kedri Janardhana 2)Dr.V. Elizabeth Jesi 3)M.Vijayaragavan 4)Dr. SHOIEB AHAMED 5)Mr.Rajendirakumar 6)Mr.P.Rajasekar 7)Ms. K. REKHA 8)Dr.A.Nirmal Kumar 9)Dr. M. Rajalakshmi 10)Dr.J.JOSPIN JEYA	WEARABLE DEVICES USING LOW POWER WIDE AREA NETWORK (LPWAN) FOR SELF HEALTH MONITORING	Dr.Kedri Janardhana	26-02-2021	05-03-2021	10/2021	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
33	202111009854	Published	1)Dr.Kedri Janardhana 2)Dr. C. Karthik 3)M.Chilambarasan 4)Mr. Sourabh Shastri 5)Mr. Kuljeet Singh 6)Mr. Sachin Kumar 7)Prof. Vibhakar Mansotra 8)Dr.A.Nirmal Kumar 9)Dr.T.Vandarkuzhali 10)Dr.G.Ravivarman	HYBRID DRONE FOR SMART LOGISTICS USING IOT	Dr.Kedri Janardhana	09-03-2021	12-03-2021	11/2021	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
34	202111012231	Published	1)Dr.Kedri Janardhana 2)Dr.T.Vinoth Kumar 3)M.Vijayaragavan 4)Mr.T.Senthil Kumar 5)Mr.B.Gopinath 6)Dr. K. Rajeshwar Rao 7)Mr.K. Venkateshwar Rao 8)Dr.D.Stalin David 9)Mr.B.Ashok 10)Dr. Yogambal Jayalakshmi Natarajan	AI BASED HYBRID LEG WHEEL TRACK GROUND MOBILE ROBOT	Dr.Kedri Janardhana	22-03-2021	26-03-2021	13/2021	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
35	202111013094	Published	1)Dr.Kedri Janardhana 2)Mr.A. Richard Pravin 3)Allwyn Gnanadas. A 4)M.Vijayaragavan 5)Mrs M.Perarasi 6)Dr. K. Rajeshwar Rao 7)Dr.T.Vinoth Kumar 8)Issakki Raja.P 9)Muneeswaran.R 10)JUMA SELVAN.P	IOT BASED COST-EFFECTIVE SOLAR POWERED WATER COOLER SYSTEM	Dr.Kedri Janardhana	25-03-2021	16-04-2021	16/2021	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
36	202111015818	Published	1)Dr.Kedri Janardhana 2)Mrs.Indhumathi G 3)Dr. K. Rajeshwar Rao 4)Dr. S. Vijayalakshmi 5)Mr.S.Vivekanandan 6)Prof. Dharamvir 7)Mr. R G Padmanabhan 8)DR.L.Arokia jesu prabhu 9)Mrs. Bhawna Singh 10)Dr. Neeraj Sharma	AN ACCIDENT PREDICTION SYSTEM FOR ELECTRIC VEHICLE USING AI	Dr.Kedri Janardhana	03-04-2021	23-04-2021	17/2021	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405

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37	202111009492	Published	1)Dr.Kedri Janardhana 2)Mrs.Rekha Baghel 3)Dr.T.Vinoth Kumar 4)Dr. K. Rajeshwar Rao 5)Dr.T.Vandarkuzhali 6)Mr.Saravanan D 7)Mr. Aruna kumar Joshi 8)Mrs.B.S.Nalina 9)Mrs.S.L.Sreedevi 10)K.Saravanan	AI BASED E-VEHICLE BATTERY POWER MANAGEMENT SYSTEM	Dr.Kedri Janardhana	27-04-2021	30-04-2021	18/2021	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
38	2021104261	Published	Agrawal, M; Prakash, V. Prem; Sengar, Ayushi; Singhal, Rishabh	A METHOD AND SYSTEM FOR ESTIMATING TWO-COLORABILITY FOR CONFLICT-FREE COLORING	Agrawal, M; Prakash, V. Prem; Sengar, Ayushi; Singhal, Rishabh	16-07-2021	16-07-2021	2021104261	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
39	201911037637	Published	Atul Suri, Kandikonda Hansraj, Rajat Setia	"PORTABLE FIXTURES FOR HOLDING FLAT METAL PLATES IN A TOOL POST OF A CONVENTIONAL LATHE MACHINE FOR WELDING"	DAYALBAGH EDUCATIONAL INSTITUTE	18-09-2019	03-09-2021	201911037637	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
40	202111033265	Published	Mridul Kumar, Soami Daya Krishnananda, Zeeshan	PPARATUS AND METHOD FOR DETERMINING PLANT STRESS	Dayalbagh Educational Institute	23-07-2021	03-09-2021	202111033265	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
41	202111036844	Published	Zeeshan, Soami Daya Krishnananda, Mridul Kumar, Urvashi	APPARATUS AND METHOD FOR DETECTING COUNTERFEIT DRUGS	Dayalbagh Educational Institute	13-08-2021	03-09-2021	202111036844	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
42	202211022914	Published	Abhishek Raj, Pushendra Yadav, Ankit Sahai, Rahul Swarup Sharma	Method and System for In-Situ fabrication of carbon nanotubes blended thermoplastic parts	Abhishek Raj, Pushendra Yadav, Ankit Sahai, Rahul Swarup Sharma	19-04-2022	29-04-2022	17/2022	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
43	202011056022	Published	1 . DAYALBAGH EDUCATIONAL INSTITUTE (DEEMED TO BE UNIVERSITY) 2 . RAJIV RANJAN 3 . DIPINTE GUPTA 4 . NRISINGHA DEY	A NOVEL SYNTHETIC PROMOTER AND ITS APLICATION	1 . DAYALBAGH EDUCATIONAL INSTITUTE (DEEMED TO BE UNIVERSITY) 2 . RAJIV RANJAN 3 . DIPINTE GUPTA 4 . NRISINGHA DEY	23-12-2020	24-06-2022	202011056022	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405
44	202211066319	Published	Bobby Tyagi, Guru Ratan Satsangee, Dheeraj A, Ankit Sahai, Rahul Swarup Sharma	SYSTEM AND METHOD FOR FABRICATING CUSTOMIZED, FLEXIBLE PROSTHETIC APPENDAGE ATTACHMENT (PAA)	Bobby Tyagi, Guru Ratan Satsangee, Dheeraj A, Ankit Sahai, Rahul Swarup Sharma	18-11-2022	02-12-2022	48/2022	Dayalbagh Educational Institute	https://www.dei.ac.in/dei/index.php?option=com_content&view=article&id=835&Itemid=405