



RDC Cell

Registration of Design/Granted Patent Details

S.No.	Name of Faculty	Deptt.	Patent Title	Name of All Inventors	Application Number	Date of Registration of Design/Granted
1	Piyush Charan	ECE	Wearable Health Monitoring Jacket	Dr. Rajan Ethiraj Ugandar, Pushpraj Singh Rajawa Mr. Zohaib Hasan Khan, Dr. Piyush Charan, Dr. Arunkumar Thangavel, Dr. Mohd Ahmer	UK Design Patent-6287661	14.06.2023
2	Parul Jhajharia, Pragati Chauhan, Yogita Sharma & Pooja Kapoor	Management & Commerce	Exhaust Fan With Air Filter	Prof. (Dr.) Parul Jhajharia, Dr. Pragati Chauhan, Yogita Sharma, Dr. Pooja Kapoor, Dr. Ashima Saxena & Dr. Priyanka Chadha & Venkatesh Bharti	Design Patent 365421-001	12.05.2023
3	Shalu	CST	System and Method for Monitoring Water Quality of Biofloc Fish Culture	Dr. Senthil Kumar Kathiresan, Dr. Sri Hari Nallamala, Dr. Amit Singla, Dr. Vijendra Singh, Dr. Ankita Gaur, Dr. Ajay Singh Yadav	202111059116	31.03.2023
4	Shalu	CST	A IoT Based Coagulation Analyzer	Shubhangi Pandurang Tidake Rani Pandurang Tidake Pritee Sagar Uttarwar Dr. Shalu Prof.Ramesh Chandra Panda	Design Patent 356093-001	25.01.2023
5	Dr. Ajit Katiyar & Mr. Gianender Kajal	Mechanical	Solar Powered Sea Water Desalination Apparatus	Dr. Ajit Katiyar, Mr. Gianender Kajal, Ms. Pratibha Malik & Dr. Naveen Sharma	Design Patent 374692-001	20.01.2023

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6	Shalu Singh	CST	Artificial Intelligence Based Skin Cancer Inspection Device	Dr. Shalu, Ms. Neha Saini, Prof. Ramesh Chandra Panda, Dr. P Karthigeyan	Design Patent 348302-001	09.12.2022
7	Shalu Singh	CST	An IOT Based Swirling Bath Shower System	Dinesh Singh, Shalu Singh, Purnendu Bikash Acharjee, Sushil Bhardwaj, Abinash Rath, Tripti Rani Borah, Bhupaesh Ghai, Indu Sharma, Surbhi Sharma, Ramesh Chandra Panda	2022/03855	26.08.2022
8	Shalu Singh	CST	A novel cost Effective home Gardening System	Jolly Masih, Dr. Abhishek Pandey, Abhay Singh Lodhi, Dr. Narendra Ranga, Prof. Dr. Tirthankar Datta, Dr. Gufran Ahmad Ansari, Dr. (Mrs) Dhanashri M. Tumme, Dr. Narinder Kumar, Mr. Manohar Golait, Dr. Meenakshi Awasthi, Dr. Mohd Ashaq, Dr. Shalu, Prof. Ramesh Chandra Panda	2022/04878	27.07.2022
9	Shalu Singh	CST	Microcontroller Based Hydroponic System and Ultrasound Pump Control Apparatus	Prof. Ramesh Chandra Panda, Dr. Shalu, Ms. Poonam Dhiman, Ms. Neha Saini, R Venkata Simhadri, KVS AKHIL, Bheri kalyan Chakravarthy, B.Vasantha Lakshmi	Design Patent 348854-001	08.07.2022
10	Shalu Singh	CST	An IOT baed Automatic Medicine Carrier	Dr. Shalu, Rinki Chauhan, Jyoti Gupta, Ruchika Garg, Kiran Dobhal, Mr. Pankaj Pant,	2022/03540	29.06.2022

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				Prof. Jyoti Saxena, Abhigyan Choudhary, Ms. Meenu Bhati, Dr. Parth Sarthi Sen Gupta, Krishna Bikram Shah, Swarnlata Dakua, Dr. Mohs Ashaq, Dr. Raj Singh, Dr. Indu Sharma, Prof. Ramesh Chandra Panda		
11	Shalu Singh	CST	A System using AI based unmanned aerial vehicle for solid waste management & environmental sensing	Dr. Renuka Sharma, Miss. Shyla Miss. Prerana Rai Dr. Shalu, Uma Tomer, Miss. Mamta, Miss. Pushpa Dr. Mandheer Kaur, Dr. Shikha Tapan Kumar, Dr. Radhika G. Deshmukh, Dr. Sangita Ingole, Prof. Ramesh Chandra Panda	2021/09621	30.03.2022
12	Shalu Singh	CST	An IOT Enabled Sand Air Jet Machining System	Dr. Shalu, Dr. Tayyab Khan, Dr. Sapna Katiyar, Intyaz Alam, Ms. Anchal Tyagi, Bhuprabha Bharti, Donika Umesh Chaudhari, Ms. Aakansha Garg, Dr. Priyanka Bobade, Dr. Kshama Pandey, Monika Sharma, Prof. Ramesh Chandra Panda	2021/08283	23.02.2022
13	Sujata Nayak & Parneeta Dhaliwal	Mechanical & CST	A Advanced ISF method by using laser & advance mechanism	Ajay, Deepak Dahiya, Sujata Nayak, Parneeta Dhaliwal, Tushar Choudhary, Anil Kumar Gillawat,	2021102997 (IP Australia)	13.10.2021

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				Mamta Dahiya, Shivashankarayya, Rajesh Goel, Anivel Sambasivam & Victor Gambhir		
14	Sanjay Singh	CST	Smart Education Framework:Smart AI-IOT based educator monitoring and content availability alert system	Arpit Jian, Aman Kumar, Anand Prakash, Rakesh Kumar, Sanjay Singh Ankur Bhardwaj, Rohit Agrawal	2020102616 (IP Australia)	25.11.2020
15	M.R Tyagi	Mechanical	Process for preparation of Novel Multifunctional Additive for Aqueous Lubricants	A.K. Chattarjee, M.R.Tyagi, S.S. Ray, Indu Shekhar and A. Bansal	US896926882	03.03.2015
16	M.R Tyagi	Mechanical	A process for value addition of residual oil for Girth Gear Lubricating Grease	S. Kaul, P. Nagendramma, R.P.S. Bisht and M.R. Tyagi	3142/DEL/2012A	
17	M.R Tyagi	Mechanical	Bio degradable base stock as neat cutting oil	Savita Kaul, P. Nagendramma, G.D. Thakre, R.P.S. Bisht and M.R. Tyagi	3483/DEL/2012 A	
18	M.R Tyagi	Mechanical	A novel multifunctional additive for aqueous lubricants and process thereof	K. Chattarjee, M.R. Tyagi, S.S. Ray, Indu Shekhar and A. Bansal	729/DEL/ 2011 A	13.02.2018 03.03.2015
19	M.R Tyagi	Mechanical	A soluble EP cutting oil using jojoba oil and sulphurised jojoba oil.	M.R. Tyagi, R.P.S. Bisht, V.K. Bhatia and P.C. Nautiyal	188253	05.09.2003
20	M.R Tyagi	Mechanical	A Composition for cutting oil	R.P.S. Bisht, M.R. Tyagi, V.K. Bhatia and P.C. Nautiyal	185926	21.12.2001