Patent List

S.No.	Name of Inventor/Co-inventors	Patent Title	Patent Application no.	Filed/ Awarded	Status	Date of Award	Remark
1	**Prof. Ram Chandra**	A Process For Biological Decolourisation Of Sugarcane Molasses Based Anaerobically Treated Distillery Effluent	Appl. No. 458/DEL/2003	Published	Published on 13.07.2007	N/A	Indian Patent
2	**Prof. R. A. Khan**	Framework to Test an Object Oriented Software Fault Tolerance	Appl. No. 437/DEL/2013	Published	Published on 25.07.2014	N/A	Indian Patent
3	**Dr. Shalini Chandra, Dr. Raees Ahmad Khan**	An Agile based Approach toValidate Security Metric Suite	Appl. No. 1756/DEL/2015	Published	Published on 17.07.2015	N/A	Indian Patent
4	**Prof. R. A. Khan**, S. A. Khan, Rajeev Kumar	Managing Software Security Risk: Design Perspective	Appl. No. 1781/DEL/2015	Published	Published on 31.07.2015	N/A	Indian Patent
5	**Prof. R. A. Khan, Dr. Alka Agarwal**	A Framework to Software Security Usability Trade-off	Appl. No. 1782/DEL/2015	Published	Published on 31.07.2015	N/A	Indian Patent
6	**Prof. D. P. Singh,** Abhay Prakash Rawat	Mentha Piperita Plant Ash (Mpa) Adsorbent For The Removal Of Dyes And Heavy Metals	Appl. No. 2716/DEL/2015	Published	Published on 23.09.2016	N/A	Indian Patent
7	**Prof. R. A. Khan,** Nilu Singh	A Framework for Automatic Speaker Recognition Using MFCC & Prosodic Feature Extraction Techniques	Appl. No. 1706/DEL/2015	Published	Published on 09.12.2016	N/A	Indian Patent
8	**Dr. Raj Shree**, Shilpi Singh, Ravi Prakash Pandey	System And Method For Test Suite Optimization In Regression Testing	Appl. No. 201711035077	Published	Published on 24.11.2017	N/A	Indian Patent
9	**Dr. Raj Shree**, Prabhishek Singh, Ravi Prakash Pandey	A Despeckling Framework Of Agricultural Sar Images For Land Monitoring	Appl. No. 201711035086	Published	Published on 24.11.2017	N/A	Indian Patent
10	**Dr. Raj Shree**, Prabhishek Singh, Ravi Prakash Pandey, Vivek Shukla, Manoj Diwakar	A Speckle Reduction Framework For Spotlight Sar Images Using Fusion	Appl. No. 201711040558	Published	Published on 08.12.2017	N/A	Indian Patent
11	**Dr. Raj Shree**	A Despeckling Framework For Ultrasound Images Using Hybrid Approach	Appl. No. 201711042684	Published	Published on 08.12.2017	N/A	Indian Patent
12	**Dr. Raj Shree**	System And Method For Similarity Based Prioritization Of Software Tests	Appl. No. 201711042697	Published	Published on 08.12.2017	N/A	Indian Patent
13	Neeraj Kumar **Dr. Alka, Prof. R. A. Khan**	Design of an IoT based alert system for rainfall disaster Management.	Appl. No. 201711028829	Published	Published on 12.01.2018	N/A	Indian Patent
14	**Prof. R. A. Khan,** S. A. Khan, Dr. Alka, Rajeev Kumar	Security durability Assessment framework	Appl. No. 201711032601	Published	Published on 16.03.2018	N/A	Indian Patent

15	A K Singh, **Dr. S. Saha**	"5H-Benzo [2,3][1,4] Thiazepino [5,6-B] Indoles For The Treatment Of Liver Cancer"	Appl. No. 201711026168	Published	Published on 25.01.2019	N/A	Indian Patent
16	Richa Verma**, Dr. Alka**, Siddharth Srivastava**,** Jasleen Kaur	Design and development of a binary subtractor using Vedic Mathematics	Appl. No. 201911008453	Published	Published on 17.05.2019	N/A	Indian Patent
17	**Dr. Sapana Kushwaha etc.**	Combination Of Clofazimine And Imatinib For Effective Therapy Of Drug-Resistant Myeloid Leukemia	Appl. No. 201711030707	Published	Published on 19.07.2019	N/A	Indian Patent
18	**Dr. Sapana Kushwaha etc.**	Bioactive Extract, Fraction of Cassia Occidentalis and Formulation thereof for Bone Regeneration.	Appl. No. 201811021504	Published	Published on 13.12.2019	N/A	Indian Patent
19	**Dr. Sapana Kushwaha etc.**	Combination Of Clofazimine And Imatinib For Effective Therapy Of Drug-Resistant Myeloid Leukemia	Appl. No. 16/434323	Awarded	Patent No. 0140NF2017	03.03.2020	USA Patent
20	Kshama Srivastava, Priyanka Maurya, Poonam Parashar, **Prof. Shubhini A. Saraf**	Preparation Of Herbal Nutraceutical To Treatmalnutrition/Undernutrition In Tuberculosis Patients Using Moringaoleifera Granules	Appl. No. 202011011874	Published	Published on 27.03.2020	N/A	Indian Patent
21	A K Kesari, **Dr. S. Saha**	5H-Benzo [H] Thiazolo [2,3-B] Quinazolines Containing Nitrogen-Bridgehead As An Anti - Hepatocellular Carcinogenic Agent	Appl. No. 201611032810	Awarded	Patent No 337160	20.05.2020	Indian Patent
22	**Dr. Gaurav Kaithwas**	Disinfecting And Cleansing Composition Of L. Usitattissimum Fixed Oil.	Appl. No. 1905/DEL/2013	Awarded	Patent No 346841	15.09.2020	Indian Patent
23	Neeraj Kumar, **Dr. Alka, Prof. R. A. Khan**	Flood Avoidance Mechanism for Smart Cities using Plain Modeling and Cellular Pipelining	Appl. No. 201911010562	Published	Published on 25.09.2020	N/A	Indian Patent
24	**Dr. Dhirendra Pandey**, **Prof. R. A. Khan,** Shweta Sankhwar	A Quality Evaluation Model for Anti-Phishing Tool	Appl. No. 201911019604	Published	Published on 20.11.2020	N/A	Indian Patent
25	Rajnish K Yadav, **Dr. Gaurav Kaithwas**	Alpha Linolenic Acid Based Nanosuspension For Treatment Of Bovine Mastitis	Appl. No. 201911032651	Published	Published on 19.02.2021	N/A	Indian Patent
26	Swarnkar S. K., **Dr. Singh Jiwan,** Bajpai P.	Rapid Aerobic Composter With Customizable Capacity	Appl. No. 202111000126	Published	Published on 26.02.2021	N/A	Indian Patent
27	**Dr. Gaurav Kaithwas**	Perilla Frutesscens Fixed oil: Efficacy against Bovine Mastitis.	Appl. No. 560/DEL/2013	Awarded	Patent No 360859	11.03.2021	Indian Patent

28	Amit K. Keshari, Nisha Sharma, Sharad Visht, **Dr. Sudipta Saha**	Electric funnel for the filtration.	Appl. No. 202112937	Filed	Registered on 08.09.2021	N/A	Australian Design
29	**Prof. R. A. Khan**	Big data Analysis for Smart Hospital Management System Using Blockchain	Appl. No. 2021100554	Awarded	Patent No. 2021100554	31.03.2021	Australian Patent
30	**Prof. R. A. Khan and Dr. Alka**	A Security Management System for Digital Healthcare Information Management Field and Its Method Thereof	Appl. No. 2021100559	Awarded	Patent No 2021100559	31.03.2021	Australian Patent
31	**Prof. Ram Chandra**, Sonam Tripathi, Kshitij Singh, Sangeeta Yadav	Decolonization and detoxification of distillery waste water with combined use of bacteria and constructed wetland treatment	Appl. No. 2021101010	Awarded	Patent No 2021101010	21.04.2021	Australian Patent
32	A K Singh, **Dr. S. Saha**	Indolo Fused Pyrido-oxazepine and its Synthisis for the Treatment of Hepatocellular Carcinoma.	Appl. No. 201611016493	Awarded	Patent No 382487	24.11.2021	Indian Patent
33	**Dr. P. S. Rajinikanth,** Dr. Sneha Anand, Prashant Pandey, Dilip Kumar Arya	Multifunctional Biomimetic Nanofibrous Scaffold For Rapid Diabetic Wound Healing	Appl. No. 202211000241	Published	Published on 01.04.2022	N/A	Indian Patent
34	**Prof. Ram Chandra**, Sonam Tripathi, Sangeeta Yadav	Method for solar photo decolourisation of bacterial degraded distillery wastewater for its reuses in agriculture	Appl. No. 2021103846	Awarded	Patent No 2021103846	27.04.2022	Australian Patent
35	Ms. Santoshi and **Prof. U. V. Kiran**	Kit For Rag Pickers Comprises Ultifunctional Rag Picking Stick And Garbage Bag	Appl. No. 202211027916 A	Published	Published on 20.05.2022	N/A	Indian Patent
36	Dr. Nitesh Dutt, Varun Pratap Singh, Dr. Ashwani Kumar, Yatika Gori, **Dr. Mukesh Kumar Awasthi, Dr. Vikas Verma**	Smart Toilet Management System	Appl. No. 202211036216	Published	Published on 08.07.2022	N/A	Indian Patent
37	**Prof. Sanjay Singh** and Dr.Vijayakumar M.R.	Composition Of Resveratrol-Loaded Hybrid Nanoparticles And A Method Of Preparation Thereof"	Appl. No. 201811012870	Awarded	Patent No. 401976	25.07.2022	Indian Patent
38	A K Kesari, **Dr. S Saha, Dr. Gosipatala Sunil Babu, Dr. Biswanath Maity, Aunrag Gautam**	Process For Preparing Indeno [1,2-D] Thiazolo [3,2-A] Pyrimidine Containing Nitrogen-Bridgehead	Appl. No. 202011029363	Awarded	Patent No 405884	06.09.2022	Indian Patent

39	**Prof. B. C. Yadav**	Prophyrin Containing Conalant Organic Framework and Matel of Synthesis Thereof.	Appl. No. 202111010716	Published	Published on 18.11.2022	N/A	Indian Patent
40	**Prof. Naveen Kumar Arora**	A PROCESS FOR PREPARING A VEGAN MEDIA FOR CULTIVATION OF BACTERIA, FUNGI AND PLANT	Appl. No. 201911035336	Awarded	Patent No 421035	09.02.2023	Indian Patent
41	**Prof. Sunita Mishra, Prof. Gajanan Pandey,** Srishti Tripathi, Monika patal, MA Firdaus	An invention described and claimed in complete specification	2022/12008	Awarded	2022/12008	29.03.2023	South Africa
42	Richa Verma, **Dr. Shalini Chandra,** Jasleen Kaur	A System and Method for Demeandor Based Trust Meassurement and Job Placement in Fog Computing Milieu	Appl. No. 202111023181	Awarded	Patent No 431495	11.05.2023	Indian Patent
43	**Prof. Abha Mishra, Dr. Jyoti Pandey**, Akther Ali, Dibyendu Banerjee, Bal Dev singh, Huda Khan & Ajeet Kumar	New green synthitic methodology for 4,6-Bis ((E)-2,5-Dimethocystyryl) Pyrimidin-2-ol with viability, anti-bacterial, and anti-cancerous properties	2023 11043330	Filed		28.06.2023	Indian Patent
44	**Dr. Narendra Kumar,** Mr. Aneet Kumar Yadav, Dr. Vertika Shukla, **Prof. Sunita Mishra**	A process for Preparing Bio-Geo- Adsorbent for fluoride Removal from Dronking Water	Appl. No. 202311007945	Awarded	Patent No 444346	10.08.2023	Indian Patent
45	**Dr. P. S. Rajinikanth,** Dr. Sneha Anand, Prashant Pandey, Dilip Kumar Arya, Kumarappan Chidambaram	A Nanofiber Loaded With Ferulic Acid For Enhanced Antimicrobial And Diabetic Wound Healing Activity	Appl. No. 202211010747	Awarded	Pantent No. 464205	31.10.2023	Indian Patent
46	Dr. Richa Verma, Dr. Jasleen Kaur, Dr. Yashaswini Sharma, **Dr. Alka, Prof. R.A. Khan**	Fog Computing Supportted AI-Based power Distribution Machine	407572-001	Filed		15-02-2024	Indian Patent
47	**Dr. Anshul Agarwal**, Dr. Nitish Kumar	A Composite Water pumping system	2022 11012422	Awarded	Pantent No. 525778	14-03-2024	Indian Patent
48	**DR. RAVI KR. GUPTA, DR. SHILPI YADAV**	PRODUCTION OF BIODEGRADABLE BIOPLASTIC USING MODIFIED COW-DUNG MEDIA AND ISOLATED BACTERIAL STRAIN	Appl. No. 2023 11050981	Awarded	Pantent No. 549922	10-09-2024	Indian Patent

49	Dr. Nitesh Dutt, Vivek Aggarwal, Mohit Kumar Sengr, Dr. Sandeep Bose, Dr. Ashwani Kumar, **Dr. Mukesh Awasthi,** Dr. Naveen Sharma	Experimental Faculity for testing temperature variation through Building walls and roofs	Appl. No. 202511051759A	Published	Published on 13.06.2025	N/A	Indian Patent