

Sr. No.	Innovation ID	Date of Submission	Innovation Title	FY of Development	Developed as part of	Team Lead Details
1	IR2022-818330	17-10-2022	soil less plant TRL Title - TRL 4	2021-22	Academic Requirement/Study Project	vishnu r 1920210431.sse@saveetha.com
2	IR2022-818319	17-10-2022	Monitoring And Alerting About Fluid Level In IV Administration Equipment To Ensure Patient's Safety TRL Title - TRL 4	2021-22	Academic Requirement/Study Project	KIRUBA.MS kiruba10451.sse@saveetha.com
3	IR2022-818296	17-10-2022	Bur with wear indicator TRL Title - TRL 4	2020-21	Academic Requirement/Study Project	Dr Gowtham Neppala gowtham.neppala@gmail.com
4	IR2022-818295	17-10-2022	fingerprint and password based door lock TRL Title - TRL 6	2022-23	Academic Requirement/Study Project	KETHINENI RUCHITH KUMAR 192011122.sse@saveetha.com
5	IR2022-818252	17-10-2022	collapsible specimen collection jar TRL Title - TRL 6	2019-20	Independent Assignment/Non-academic Study Project	Dr.Gheena.S gheens@gmail.com

6	IR2022-818148	16-10-2022	FORMULATION OF PHYTOCHEMICAL BASED RUBIFACIENT GEL IN MANAGEMENT OF ATYPICAL FACIAL PAIN TRL Title - TRL 6	2021-22	Academic Requirement/Study Project	Dr.Ramya dr.ramyasuresh06@gmail.com
7	IR2022-818145	16-10-2022	speedtrap shoes TRL Title - TRL 4	2020-21	Academic Requirement/Study Project	AJAI AKSHYA KUMAR M 192019060.sse@saveetha.com
8	IR2022-818142	16-10-2022	organic room spray TRL Title - TRL 4	2020-21	Independent Assignment/Non-academic Study Project	AJAI AKSHYA KUMAR M 192019060.sse@saveetha.com
9	IR2022-818137	16-10-2022	book shelf with a seat TRL Title - TRL 4	2020-21	Independent Assignment/Non-academic Study Project	AJAI AKSHYA KUMAR M 192019060.sse@saveetha.com
10	IR2022-818132	16-10-2022	foldable heels TRL Title - TRL 4	2020-21	Independent Assignment/Non-academic Study Project	AJAI AKSHYA KUMAR M 192019060.sse@saveetha.com
11	IR2022-818053	16-10-2022	Bus ticket system TRL Title - TRL 8	2021-22	Academic Requirement/Study Project	Pavan perumallapavanm18@saveetha.com

12	IR2022-817973	16-10-2022	door lock using mobile TRL Title - TRL 6	2021-22	Independent Assignment/Non-academic Study Project	THALLA NITISH KUMAR 192011349.sse@saveetha.com
13	IR2022-817926	16-10-2022	GTR membrane fabrication using sodium alginate with Cu2O nano particle TRL Title - TRL 4	2022-23	Academic Research Assignment/Industry Sponsored Project	Kameswari S Kamusadha07@gmail.com
14	IR2022-817849	16-10-2022	ELECTRONIC NUMBER LOCK TRL Title - TRL 4	2022-23	Academic Requirement/Study Project	arjun B 192011021.sse@saveetha.com 9159572696
15	IR2022-817770	16-10-2022	Sodium valproate (SV) in human hepatocellular carcinoma therapy. TRL Title - TRL 4	2019-20	Academic Research Assignment/Industry Sponsored Project	Rithanya.P 151701072.sdc@saveetha.com
16	IR2022-817759	16-10-2022	An Atlas of countries that "don't exist" TRL Title - TRL 7	2022-23	Academic Requirement/Study Project	SK BAJI BAKSHI shaikbajibakshi30191.sse@saveetha.com
17	IR2022-817735	16-10-2022	phone charger notifier TRL Title - TRL 6	2022-23	Academic Requirement/Study Project	Bareddy sudharshan 192011030.sse@saveetha.com

18	IR2022-817733	16-10-2022	PREPARATION AND CHARACTERISATION OF SILVER NANOPARTICLES BY Justicia adhotoda AND Ocimum sanctum FORMULATION BY USING TEM TRL Title - TRL 4	2019-20	Academic Requirement/Study Project	Shreejha Shreejhamv@gmail.com
19	IR2022-817727	16-10-2022	SYNTHESIS OF CALCIUM SILICATE CEMENTS WITH DIFFERENT CATALYSIS METHODOLOGY TRL Title - TRL 4	2022-23	Academic Research Assignment/Industry Sponsored Project	Soorya Ganesh soorya858@gmail.com
20	IR2022-817672	15-10-2022	INVITRO EVALUATION OF ANTI-INFLAMMATORY ACTIVITY OF vUSING PROTEIN DENATURATION ASSAY TRL Title - TRL 4	2022-23	Academic Research Assignment/Industry Sponsored Project	Janani.K kjananibaskar@gmail.com

21	IR2022-817648	15-10-2022	Biosynthesis of silver nanoparticles (AgNPs) using Musa paradisiaca stem antioxidant and anti-inflammatory activity TRL Title - TRL 4	2022-23	Academic Requirement/Study Project	Abinaya.s 151901032.sdc@saveetha.com
22	IR2022-817520	15-10-2022	Automatic air filler TRL Title - TRL 4	2022-23	Academic Research Assignment/Industry Sponsored Project	K.ganesh ganeshnaidu12234@gmail.com
23	IR2022-817519	15-10-2022	Automatic air filler TRL Title - TRL 4	2022-23	Academic Research Assignment/Industry Sponsored Project	K.ganesh ganeshnaidu12234@gmail.com
24	IR2022-817496	15-10-2022	MITOTIC COUNT TAPE TRL Title - TRL 8	2022-23	Academic Requirement/Study Project	Sandra Sagar drsandrasagar@gmail.com
25	IR2022-817469	15-10-2022	Associaiton of tlr3 gene snp with periodontitid TRL Title - TRL 4	2021-22	Academic Research Assignment/Industry Sponsored Project	Hooriyah Laiq Ahmed Khan hoorpari12@gmail.com

26	IR2022-817468	15-10-2022	Evaluation of invitro anti cancer activity of rhizopora mucrunata mangrove leaf extract among lung cancer cell lines TRL Title - TRL 8	2022-23	Academic Requirement/Study Project	Aksha sharen 151801083.sdc@saveetha.com
27	IR2022-817463	15-10-2022	CALIBRATED TAPE FOR THE MEASUREMENT OF DEPTH OF INVASION TRL Title - TRL 8	2022-23	Academic Requirement/Study Project	Sandra Sagar drsandrasagar@gmail.com
28	IR2022-817440	15-10-2022	FIRE ALARAM TRL Title - TRL 6	2020-21	Academic Requirement/Study Project	G KRISHNA SAI 192011130.sse@saveetha.com
29	IR2022-817438	15-10-2022	automatic solar tracker TRL Title - TRL 4	2022-23	Academic Requirement/Study Project	A.P. Shanmuga priya priyaperumal1353@gmail.com
30	IR2022-817433	15-10-2022	Biocompatibility study of quercitin decorated biogenetic gold nanoparticle synthesis using mimosa pudica TRL Title - TRL 4	2022-23	Academic Research Assignment/Industry Sponsored Project	Ashna Y ashna.0907@gmail.com

31	IR2022-817395	15-10-2022	To evaluate the characteristic of alginate and copper oxide nanoparticles coated silk suture. Thus , it can be concluded that alginate / copper oxide nanoparticles coated silk suture possess antimicrobial and antioxidant properties. TRL Title - TRL 4	2021-22	Academic Requirement/Study Project	Kushali kushaliraj2@gmail.com
32	IR2022-817384	15-10-2022	Customized Automatic Pet Feeder using GSM technology TRL Title - TRL 7	2022-23	Independent Assignment/Non-academic Study Project	Subhashini P Subhashinipargunam@gmail.com
33	IR2022-817374	15-10-2022	Modified ABFO no. 2 with colour codings TRL Title - TRL 4	2022-23	Academic Requirement/Study Project	Noor Fathima J noorfathima1804@gmail.com
34	IR2022-817325	15-10-2022	"ESTIMATION OF NEOMYCIN LEVELS IN GHEE SUPPLY IN POONAMALLEE" TRL Title - TRL 4	2022-23	Academic Requirement/Study Project	Mukil Sunil 151901042.sdc@saveetha.com

35	IR2022-817275	15-10-2022	Water level detection using electric conductivity TRL Title - TRL 6	2021-22	Academic Requirement/Study Project	D.Amar Nath Reddy amarkkr369@gmail.com
36	IR2022-817255	15-10-2022	Use of hibiscus in histopathology TRL Title - TRL 4	2021-22	Academic Research Assignment/Industry Sponsored Project	Dr Karthikeyan Ramalingam karthikeyanr.sdc@saveetha.com
37	IR2022-817231	15-10-2022	Autoclavable microbrush applicator TRL Title - TRL 4	2022-23	Academic Requirement/Study Project	Chris Noel Timothy chrisnoel6974@gmail.com
38	IR2022-817230	15-10-2022	DESIGNING AND FABRICATION OF WAX CARVING INSTRUMENTS FOR PERMANENT HUMAN DENTITION TRL Title - TRL 4	2019-20	Academic Requirement/Study Project	Reshma P K reshmakpai@gmail.com
39	IR2022-817223	15-10-2022	Reduced graphene oxide-loaded polymannose- chitosan-based biocompatible hydrogel scaffolds TRL Title - TRL 4	2021-22	Academic Requirement/Study Project	Dr. Arul Prakash Francis fdapharma@gmail.com

40	IR2022-817204	15-10-2022	A natural alternative to eosin in pathology TRL Title - TRL 4	2021-22	Academic Research Assignment/Industry Sponsored Project	Dr Karthikeyan Ramalingam karthikeyanr.sdc@saveetha.com
41	IR2022-817192	15-10-2022	smart lamp TRL Title - TRL 7	2022-23	Academic Requirement/Study Project	K.Chandra sekar 192011389.sse@saveetha.com
42	IR2022-817175	15-10-2022	Chitosan nanoparticles with chlorhexidine irrigant for Endodontics TRL Title - TRL 5	2020-21	Academic Requirement/Study Project	Dr. Anjali Sankar anjali.sankar0007@gmail.com
43	IR2022-817172	15-10-2022	Autoclavable Paediatric Fox Plane TRL Title - TRL 5	2022-23	Academic Requirement/Study Project	Ankita Komal Labh 151701001.sdc@saveetha.com
44	IR2022-817131	15-10-2022	MODIFICATION OF MONOMER - DENTURE BASE MATERIAL BY ADDITION OF ACRYLIC COLORS WITH DIFFERENT MEDIUM TO CHECK ITS COLOR STABILITY-A PILOT STUDY TRL Title - TRL 5	2022-23	Academic Requirement/Study Project	Sundar.R sundarsav017@gmail.com

45	IR2022-817126	15-10-2022	Preparation of silver nano particles functionalize graphene oxide against oral TRL Title - TRL 4	2022-23	Academic Research Assignment/Industry Sponsored Project	Ngobinah binaoharry8@gmail.com
46	IR2022-817117	15-10-2022	PREPARATION OF LYCOPENE MEDIATED AgNPs & ITS BASED MOUTHWASH TRL Title - TRL 4	2019-20	Academic Requirement/Study Project	Karthikeyan Murthykumar karthikeyanmurthykumar@gmail.com
47	IR2022-817106	15-10-2022	Touchless dore bell for corona protection TRL Title - TRL 6	2020-21	Academic Requirement/Study Project	Rakesh.B 192012006.sse@saveetha.com
48	IR2022-817064	15-10-2022	Antioxidant Potential of Extra Polymeric Substances From Marine Actinobacteria Streptomyces Species TRL Title - TRL 4	2022-23	Academic Research Assignment/Industry Sponsored Project	Lasya Ganta lasyaganta2001@gmail.com

49	IR2022-817057	15-10-2022	Insilico targeting of the virulence factor peptidyl arginine deiminases of red-complex bacteria (P.gingivalis) in periodontitis. TRL Title - TRL 4	2022-23	Academic Requirement/Study Project	Sarojini K sarojini222001kanagaraj@gmail.com
50	IR2022-817055	15-10-2022	PEDO CHAISE TRL Title - TRL 4	2021-22	Academic Requirement/Study Project	Vignesh R vigneshr.sdc@saveetha.com
51	IR2022-817045	15-10-2022	Thymus vulgaris mediated Selenium nanoparticle dental varnish TRL Title - TRL 4	2021-22	Academic Requirement/Study Project	Indumathy M indupandiyan1995@gmail.com
52	IR2022-817041	15-10-2022	A Natural alternative to xylene in pathology TRL Title - TRL 6	2021-22	Academic Research Assignment/Industry Sponsored Project	Dr Karthikeyan Ramalingam karthikeyanr.sdc@saveetha.com
53	IR2022-817030	15-10-2022	Antioxidant and anti inflammatory activity of titanium dioxide nanoparticles synthesised using Mucuna pruriens TRL Title - TRL 4	2022-23	Academic Requirement/Study Project	Sachin Aditya B sachinadityab2000@gmail.com

54	IR2022-817027	15-10-2022	Curcumin-loaded polymannose patch for sustained drug delivery TRL Title - TRL 4	2021-22	Academic Requirement/Study Project	Dr. Arul Prakash Francis fdapharma@gmail.com
55	IR2022-817021	15-10-2022	Fabrication of hydroxyapatite and tricalcium phosphate membrane and its impact in periodontal regeneration TRL Title - TRL 4	2022-23	Academic Research Assignment/Industry Sponsored Project	Aditi Chopra aditichopra1206@gmail.com
56	IR2022-817017	15-10-2022	SYNTHESIS OF BIMETALLIC ZnO-CuO AND ZnO-Ag ARBITRATED WITH Morus alba AND Camellia sinensis TRL Title - TRL 4	2021-22	Academic Research Assignment/Industry Sponsored Project	M.Binigha 152001011.sdc@saveetha.com
57	IR2022-817008	15-10-2022	Biosynthesis and characterization of Zinc nanoparticles from seagrass Halophila ovalis and their biological properties. TRL Title - TRL 4	2022-23	Academic Research Assignment/Industry Sponsored Project	S. Divyashri Divyasdc612@gmail.com

58	IR2022-817005	15-10-2022	MOUTHWASH USING RED SANDAL MEDIATED SILVER NANOPARTICLES TRL Title - TRL 4	2021-22	Academic Requirement/Study Project	Swetha G 151801011.sdc@saveetha.com
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