

RESEARCH AND DEVELOPMENT CELL

Patent 2025-26

Sr. No	Faculty Name	Department	Patent Title	Type (Indian/Design/Utility)	Application Number	Date of Publication	Status (Filed/Published/Granted)	Patent Office
1	Mr. Suhas Sadashiv Kibile	AIML/AIDS	Solar-powered spray pump for agricultural and domestic purposes	Design	43678-001	13/01/2025	Granted	India
2	Mr. B. A. Nadaf	AIML/AIDS	Laboratory managing kiosk	Design	492213-001	05-05-2026	Granted	India
3	Mr. B. A. Nadaf	AIML/AIDS	Nail disease detecting device	Design	476905-001	21-05-2026	Granted	India
4	Mr. B. A. Nadaf	AIML/AIDS	Multi-odour detection device	Design	492212-001	21-05-2026	Granted	India
5	Ms.A.M.Itkarkar	AIML/AIDS	Multi-odour detection device	Design	492212-0001	21-5-2026	Granted	India
6	Mrs.S.R.Pol	AIML/AIDS	Multi-odour detection device	Design	492212-0001	21-5-2026	Granted	India
7	Mrs.A.A.Patil	AIML/AIDS	Multi-odour detection device	Design	492212-0001	21-5-2026	Granted	India
8	Ms.S.H.Mulani	AIML/AIDS	Laboratory managing kiosk	Design	492213001	23-02-2026	Granted	India
9	Ms.S.B.Bavachkar	AIML/AIDS	Shoes for obstacle detection	Design	477254-001	13-07-2026	Granted	India
10	Ms.S.S.Maner	AIML/AIDS	Multi-odour detection device	Design	492212-001	21-05-2026	Granted	India
11	Dr. A. A. Suryawanshi	ASH	Decorative vertical rooftop wind turbine	Design	Design no-456080	28-08-2025	Granted	India
12	Prof. A. A. Jadhav	ASH	Decorative vertical rooftop wind turbine	Design	Design no-456081	28-08-2025	Granted	India
13	Dr. S. G. Chonde	ASH	IoT-based solar-powered agriculture robot	Design	483752	25-02-2026	Granted	India
14	Dr. R. R. Zond	ASH	Digital campus management and interaction platform	Design	Design no-6530439	12-02-2026	Granted	UK (Design Patent)
15	Dr. Sujata Bhalchandra Patil	ASH	Digital campus management and interaction platform	Design	Design no-6530440	13-02-2026	Granted	UK (Design Patent)
16	Dr. Sujata Bhalchandra Patil	ASH	Real- time soil npk monitoring device	Design	Design no-6530438	10-06-2026	Granted	India
17	Dr. S. G. Chonde	ASH	Digital campus management and	Design	Design no-6530441	14-02-2026	Granted	UK (Design

			interaction platform					Patent)
18	Dr.Pratiksha R. Demanna	ASH	Digital campus management and interaction platform	Design	Design no- 6530442	15-02-2026	Granted	UK (Design Patent)
19	Dhanashree S. Thorat	ASH	Digital campus management and interaction platform	Design	Design no- 6530443	16-02-2026	Granted	UK (Design Patent)
20	Dr. Amol Ashok Suryawanshi	ASH	Digital campus management and interaction platform	Design	Design no- 6530444	17-02-2026	Granted	UK (Design Patent)
21	Nandini Vishal Koshti	ASH	Digital campus management and interaction platform	Design	Design no- 6530445	18-02-2026	Granted	UK (Design Patent)
22	Snehal Rajendra Karande	ASH	Digital campus management and interaction platform	Design	Design no- 6530446	19-02-2026	Granted	UK (Design Patent)
23	Prof. G. N. Chavanpatil	Civil	Irrigation controlling smart device	Design	465157-001	13-11-2025	Published	India
24	Prof. Y. S. Chokakkar	Civil	Irrigation controlling smart device	Design	465157-001	13-11-2025	Published	India
25	Prof. J. A. Patil	Civil	Irrigation controlling smart device	Design	465157-001	13-11-2025	Published	India
26	Prof. S. A. Patil	Civil	Construction inventory monitoring device	Design	496374-001	17-6-2026	Published	India
27	Prof. G. N. Chavanpatil	Civil	Construction inventory monitoring device	Design	496374-002	18-6-2026	Published	India
28	Mr. Satish Pise	CSE	Meta information managing iot device	Design	467179-001	12-09-2025	Granted	India
29	Mr. Satish Pise	CSE	Ai based wearable surveillance device	Design	449341-001	06-06-2025	Granted	India
30	Mr. Vikas Anandrao Patil	CSE	Ai context aware pdf question answering computer device	Design	6530374	11-06-2026	Granted	India
31	Mr. Anil Balaso Desai	CSE	Ai context aware pdf question answering computer device	Design	6530374	11-06-2026	Granted	India
32	Ms.Pradnya P Nagarale	CSE	Real-time accident detection and duration prediction device	Design	6530370	11-06-2026	Granted	India
33	Mr. Suraj Shivaji Redekar	CSE	Real-time accident detection and duration prediction device	Design	6530370	11-07-2026	Granted	India
34	Ms. Shradha Prakash Patil	CSE	Real-time accident detection and duration prediction device	Design	6530374	11-06-2026	Granted	India
35	Ms. Mrunal Madhav Pawar	CSE	Real-time accident detection and duration prediction device	Design	6530374	11-06-2026	Granted	India
36	Ms. Sarita Ananda Chavan	CSE	Real-time accident detection and duration prediction device	Design	6530374	11-07-2026	Granted	India
37	Mrs. Diksha A Jadhav	CSE	Real-time accident detection and duration prediction device	Design	6530374	11-08-2026	Granted	India
38	Mr. Satish Pise	CSE	Ai-powered wearable smart glasses for real-time crime prevention and threat detection	Utility	2.02521E+11	11-04-2025	Published	India
39	Mr. Satish Pise	CSE	Quantum-assisted hybrid detection architecture for identifying and mitigating	Utility	2.02521E+11	16-01-2026	Published	India

			adaptive generative-ai cyberattack vectors.					
40	Mr. Satish Prakashrao Pise	CSE	Quantum-assisted hybrid detection architecture for identifying and mitigating adaptive generative-ai cyberattack vectors	Utility	2.02521E+11	13-02-2026	Published	India
41	1 Mr. Vkas Anandrao Patil	CSE	Quantum-assisted hybrid detection architecture for identifying and mitigating adaptive generative-ai cyberattack vectors	Utility	2.02521E+11	13-02-2026	Published	India
42	Mrs.Arati Vikram Patil	CSE	Quantum-assisted hybrid detection architecture for identifying and mitigating adaptive generative-ai cyberattack vectors	Utility	2.02521E+11	13-02-2026	Published	India
43	Mrs.Almas Amol Mahaldar	CSE	Quantum-assisted hybrid detection architecture for identifying and mitigating adaptive generative-ai cyberattack vectors	Utility	2.02521E+11	13-02-2026	Published	India
44	Mrs.Shubhangi Rajesh Patil	CSE	Quantum-assisted hybrid detection architecture for identifying and mitigating adaptive generative-ai cyberattack vectors	Utility	2.02521E+11	13-02-2026	Published	India
45	Mrs.S.A.Nikam	E&C	Agricultural hazard monitoring device	Design	487116-001		Granted	India
46	Dr. Seema S. Patil	E&TC	Agriculture hazard monitoring device	Design	487116-001	13/01/0206	Granted	India
47	Dr. Seema S. Patil	E&TC	Ai powered orchard mapping device	Design	454932-001	7-7-2025	Granted	India
48	Prof. Pravin B. Ghewari	E&TC	Ai powered orchard mapping device	Design	454932-001	7-7-2025	Granted	India
49	Prof. K. G. Pise	E&TC	Modular two wheeler	Design	476079-001	8-10-2025	Granted	India
50	Prof. S. A. Kanade	E&TC	Agriculture hazard monitoring device	Design	487116-001	09-03-2026	Granted	India
51	Prof. S. A. Sankardas	E&TC	Agriculture hazard monitoring device	Design	487116-001	09-03-2026	Granted	India
52	Dr. S. A. Bhosale	E&TC	Smart ploultry monitoring and automation device	Design	6530428	11-06-2026	Granted	UK Design
53	Dr. D. J. Pawar	E&TC	Smart ploultry monitoring and automation device	Design	6530428	11-06-2026	Granted	UK Design
54	Mrs. Sandhya Sagavkar	E&TC	Smart ploultry monitoring and automation device	Design	6530428	11-06-2026	Granted	UK Design
55	Mrs. Shivani Kanade	E&TC	Smart ploultry monitoring and automation device	Design	6530428	11-06-2026	Granted	UK Design
56	Mrs. Shilpa Shankardas	E&TC	Smart ploultry monitoring and automation device	Design	6530428	11-06-2026	Granted	UK Design
57	Mr. Nileshkumar Sawant	E&TC	Real time soil npk monitoring device	Design	6530438	10-06-2026	Granted	UK Design
58	Mr. Pravin Chavan	E&TC	Real time soil npk monitoring device	Design	6530438	10-06-2026	Granted	UK Design
59	Dr. D. J. Pawar	E&TC	Ai-integrated smart braille communication and learning device	Design	6507178	04-03-2026	Granted	UK Design
60	Dr. S. A. Bhosale	E&TC	Ai-integrated smart braille communication and learning device	Design	6507178	04-03-2026	Granted	UK Design
61	Dr. S. R. Chougule	E&TC	Remote control for	Design	6530442	12-06-2026	Granted	UK

			autonomous drone					Design
62	Mr. Nileshkumar Sawant	E&TC	Smart helmet based two wheel safety and accident detection device	Design	6530433	15-06-2026	Granted	UK Design
63	Mrs. Aditi Kumbhar	E&TC	Smart helmet based two wheel safety and accident detection device	Design	6530433	15-06-2026	Granted	UK Design
64	Mr. Pravin Chavan	E&TC	Smart helmet based two wheel safety and accident detection device	Design	6530433	15-06-2026	Granted	UK Design
65	Dr. S. R. Chougule	E&TC	Visual data interpretation system		422976-001	27/03/2025	Published	UK Design
66	Dr. Vinaya K Thombare (Chavan)	ELE	Smart automatic cloth guard for rain protection	Design	454929-001	31-07-2025	Granted	India
67	Mr.R.S.Pukale	ELE	Smart automatic cloth guard for rain protection	Design	454929-001	31-07-2025	Granted	India
68	Dr.Amol Ashok Suryawanshi	ELE	Decorative vertical rooftop wind turbine	Design	456080	28-08-2025	Granted	India
69	Prof. Anita K patil	ELE	Decorative vertical rooftop wind turbine	Design	456080	28-08-2025	Granted	India
70	Dr. V. S. Wadkar	ELE	Decorative vertical rooftop wind turbine	Design	456080	28-08-2025	Granted	India
71	Dr. Vinaya K Thombare (Chavan)	ELE	Wireless remote control for a bomb diffusing robot	UK Design	6530424	15-06-2026	Granted	India
72	Dr. V. S. Wadkar	ELE	Wireless remote control for a bomb diffusing robot	UK Design	6530424	15-06-2026	Granted	India
73	Mr.R.S.Pukale	ELE	Wireless remote control for a bomb diffusing robot	UK Design	6530424	15-06-2026	Granted	India
74	Mr. Dhanaji Patil,	ELE	Wireless remote control for a bomb diffusing robot	UK Design	6530424	15-06-2026	Granted	India
75	Mrs. Anita Patil	ELE	Wireless remote control for a bomb diffusing robot	UK Design	6530424	15-06-2026	Granted	India
76	Mr. Sushant Suryawanshi	ELE	Wireless remote control for a bomb diffusing robot	UK Design	6530424	15-06-2026	Granted	India
77	Ms. Rubeena Shaikh	ELE	Wireless remote control for a bomb diffusing robot	UK Design	6530424	15-06-2026	Granted	India
78	Mr. Sahil Mulani	ELE	Wireless remote control for a bomb diffusing robot	UK Design	6530424	15-06-2026	Granted	India
79	Dr. V. S. Wadkar	ELE	Compact thermoelectric energy generation device	Design	499504-001	11-06-2026	Granted	India
80	Mr.D.S.Patil	ELE	Vehicle optimal torque distribution device		467359-001	21-11-2025	Granted	India
81	Dr. Vinaya K Thombare (Chavan)	ELE	System and method for real-time electrical safety and energy management in high-density environments	Indian Utility	202521082566 A	12-09-2025	Published	India
82	Dr. V. S. Wadkar	ELE	System and method for real-time electrical safety and energy management in high-density environments	Indian Utility	202521082566 A	12-09-2025	Published	India
83	Mr.R.S.Pukale	ELE	System and method for real-time electrical safety and energy management in high-density environments	Indian Utility	202521082566 A	12-09-2025	Published	India
84	Dr. Kalpesh S. Kamble	Mech	Agricultural weed removal tool	Design	463853-001	25-02-2026	Granted	India
85	Mr. Ganesh Gaikwad	Mech	Multimodal autism detection and screening device	Design	6530443	12-06-2026	Granted	India

86	Mr. Amol Rabade	Mech	Multimodal autism detection and screening device	Design	6530443	12-06-2026	Granted	UK Design
87	Mr. Amar Patil	Mech	Multimodal autism detection and screening device	Design	6530443	12-06-2026	Granted	UK Design
88	Mr. Rohit Patil	Mech	Multimodal autism detection and screening device	Design	6530443	12-06-2026	Granted	UK Design
89	Mr. Sangram Petkar	Mech	Multimodal autism detection and screening device	Design	6530443	12-06-2026	Granted	UK Design
90	Dr. Amit Shelake	Mech	Multimodal autism detection and screening device	Design	6530443	12-06-2026	Granted	UK Design
91	Mr. Rahul Pasale	Mech	Multimodal autism detection and screening device	Design	6530443	12-06-2026	Granted	UK Design
92	Dr. Kalpesh Kamble	Mech	Multimodal autism detection and screening device	Design	6530443	12-06-2026	Granted	UK Design
93	Mr. Rahul Pasale	Mech	Blood group and glucose detection device	Design	6530441	17-6-2026	Granted	UK (Design Patent)
94	Amol Rabade	Mech	Blood group and glucose detection device	Design	6530441	17-6-2026	Granted	UK (Design Patent)
95	Pramod Ladgaonkar	Mech	Blood group and glucose detection device	Design	6530441	17-6-2026	Granted	UK (Design Patent)
96	Amol Patil	Mech	Blood group and glucose detection device	Design	6530441	17-6-2026	Granted	UK (Design Patent)
97	Avinash Uthale	Mech	Blood group and glucose detection device	Design	6530441	17-6-2026	Granted	UK (Design Patent)
98	Sangram Petkar	Mech	Blood group and glucose detection device	Design	6530441	17-6-2026	Granted	UK (Design Patent)
99	Dr. Kalpesh Kamble	Mech	Blood group and glucose detection device	Design	6530441	17-6-2026	Granted	UK (Design Patent)
100	Mr. Avinash Uthale	Mech	Facial recognition based secure access device	Design	6530444	17-6-2026	Granted	UK (Design Patent)
101	Mr. Maheshkumar Sutar	Mech	Facial recognition based secure access device	Design	6530444	17-6-2026	Granted	UK (Design Patent)
102	Mr. Sangram Petkar	Mech	Facial recognition based secure access device	Design	6530444	17-6-2026	Granted	UK (Design Patent)
103	Mr. Amar Patil	Mech	Facial recognition based secure access device	Design	6530444	17-6-2026	Granted	UK (Design Patent)
104	Mr. Amol Patil	Mech	Facial recognition based secure access device	Design	6530444	17-6-2026	Granted	UK (Design Patent)
105	Mr. Ganesh Gaikwad	Mech	Facial recognition based secure access device	Design	6530444	17-6-2026	Granted	UK (Design Patent)
106	Mr. Pramod	Mech	Facial recognition based	Design	6530444	17-6-2026	Granted	UK

	Ladgaonkar		secure access device					(Design Patent)
107	Dr. Amit Shelake	Mech	Facial recognition based secure access device	Design	6530444	17-6-2026	Granted	UK (Design Patent)
108	Mr. Rohit Prabhakar Patil	Mech	Nano structured thermal management material for mechanical systems	Utility	App. No. 202641033567 A	27-03-2026	Published	Indian