



LAKSHMI NARAIN COLLEGE OF TECHNOLOGY, BHOPAL

PATENT DETAILS

DEPARTMENT OF MECHANICAL ENGINEERING

S. No.	Title of the Patent	FACULTY NAME	Filing Date	Publication / Grant Date	Application No.
1	SPIRAL NATURAL COOLING WATER BOTTLE	Jitendra raghuwanshi	20/01/2020	29/12/2022	326170-001
2	Decorative Sheets Made Up of Used Indian Sarees Reinforced with Transparent Resign	Dr. Shankar kumar	23/08/2023	13/10/2023	20232105662 1
3	Decorative Sheets Made Up of Used Indian Sarees Reinforced with Transparent Resign	Dr. Neeraj Dubey,	23/08/2023	13/10/2023	20232105662 1
4	Decorative Sheets Made Up of Used Indian Sarees Reinforced with Transparent Resign	Dr. shailendra Dwivedi	23/08/2023	13/10/2023	20232105662 1
5	IOT BASED SOLAR POWER AGRICULTURE ROBOT	Dr. Shankar Kumar	25/11/24	15/1/24	400701-001
6	IOT BASED SOLAR POWER AGRICULTURE ROBOT	DR. VIKAS PARE	25/11/24	15/1/24	400701-001

PATENT DETAILS**DEPARTMENT OF MECHANICAL ENGINEERING**

S. No.	Title of the Patent	FACULTY NAME	Filing Date	Publication / Grant Date	Application No.
7	IOT BASED DEVICE FOR ENVIORNMENTAL MONITORING	Dr. Shankar Kumar	4/1/2024	7/3/2024	403824001
8	IOT BASED DEVICE FOR ENVIORNMENTAL MONITORING	DR. VIKAS PARE	4/1/2024	7/3/2024	403824001
9	AIRFOIL FLAPS FOR HEADGEAR	DR. VIKAS PARE	4/6/2019	2/29/2024	###
10	INTERNAL JET PISTON FOR A DIESEL ENGINE	DR. ARUN WAMANKAR	29/04/2025	23/05/2025	###
11	INTERNAL JET PISTON FOR A DIESEL ENGINE	DR. VIKAS PARE	29/04/2025	23/05/2025	###
12	INTERNAL JET PISTON FOR A DIESEL ENGINE	DR. RAJEEV SRIVASTAVA	29/04/2025	23/05/2025	###
13	INTERNAL JET PISTON FOR A DIESEL ENGINE	DR. RAJEEV SINGH CHOUHAN	29/04/2025	23/05/2025	###

PATENT DETAILS**DEPARTMENT OF MECHANICAL ENGINEERING**

S. No.	Title of the Patent	FACULTY NAME	Filing Date	Publication / Grant Date	Application No.
14	AI Integrated Mechanical gripper system for human robot collabration in Industry 5.0 enviornment	Dr. Shashi Ranjan Mohan	7/21/2025	8/1/2025	###
15	Composites broom stick comprising of cocos nucifera leaf reinforced polypropylene plastic	Dr. Neeraj Dubey	1/7/2024	26/07/2024	###
16	Composites broom stick comprising of cocos nucifera leaf reinforced polypropylene plastic	Dr. Shankar Kumar	1/7/2024	26/07/2024	###
17	Composites broom stick comprising of cocos nucifera leaf reinforced polypropylene plastic	Dr. Madan Mohan Sahu	1/7/2024	26/07/2024	###
18	Composites broom stick comprising of cocos nucifera leaf reinforced polypropylene plastic	Dr. R.G. Patil	1/7/2024	26/07/2024	###
19	Composites broom stick comprising of cocos nucifera leaf reinforced polypropylene plastic	DR. Rajiv Singh Chouhan	1/7/2024	26/07/2024	###

PATENT DETAILS**DEPARTMENT OF MECHANICAL ENGINEERING**

S. No.	Title of the Patent	FACULTY NAME	Filing Date	Publication / Grant Date	Application No.
20	Composites broom stick comprising of cocos nucifera leaf reinforced polypropylene plastic	DR. Neetu Singh	1/7/2024	26/07/2024	###
21	Advanced fuel quantifier system and method for real time monitoring of fuel quantity,quality and pressure	DR. RAJESH KUMAR PANDEY	31/01/2025	10/21/2025	###
22	Advanced fuel quantifier system and method for real time monitoring of fuel quantity,quality and pressure	Dr. Shankar Kumar	31/01/2025	10/21/2025	###
23	Advanced fuel quantifier system and method for real time monitoring of fuel quantity,quality and pressure	Dr. Neeraj Dubey	31/01/2025	10/21/2025	###
24	Advanced fuel quantifier system and method for real time monitoring of fuel quantity,quality and pressure	Dr. Madan Mohan Sahu	31/01/2025	10/21/2025	###
25	Advanced fuel quantifier system and method for real time monitoring of fuel quantity,quality and pressure	DR. Rajiv Singh Chouhan	31/01/2025	10/21/2025	###

PATENT DETAILS**DEPARTMENT OF MECHANICAL ENGINEERING**

S. No.	Title of the Patent	FACULTY NAME	Filing Date	Publication / Grant Date	Application No.
26	Advanced fuel quantifier system and method for real time monitoring of fuel quantity,quality and pressure	Dr. R.G. Patil	31/01/2025	10/21/2025	###
27	Universal twisting timer knob with adaptive control and energy harvesting features	Dr. Shankar Kumar	20/02/2025	3/7/2025	###
28	Universal twisting timer knob with adaptive control and energy harvesting features	Dr. Neeraj Dubey	20/02/2025	3/7/2025	###
29	Universal twisting timer knob with adaptive control and energy harvesting features	DR. RAJESH KUMAR PANDEY	20/02/2025	3/7/2025	###
30	Universal twisting timer knob with adaptive control and energy harvesting features	DR. ARUN WAMANKAR	20/02/2025	3/7/2025	###
31	Universal twisting timer knob with adaptive control and energy harvesting features	DR. VIPIN SRIVASTAVA	20/02/2025	3/7/2025	###

PATENT DETAILS**DEPARTMENT OF MECHANICAL ENGINEERING**

S. No.	Title of the Patent	FACULTY NAME	Filing Date	Publication / Grant Date	Application No.
32	Universal twisting timer knob with adaptive control and energy harvesting features	Dr Arvind kumar Shukla	20/02/2025	3/7/2025	###
33	Solar powered Night Air water harvester and hydrogent generator system	Dr. Shankar Kumar	20/02/2025	3/7/2025	###
34	Solar powered Night Air water harvester and hydrogent generator system	Dr. Neeraj Dubey	20/02/2025	3/7/2025	###
35	Solar powered Night Air water harvester and hydrogent generator system	DR. RAJESH KUMAR PANDEY	20/02/2025	3/7/2025	###

S. No.	Title of the Patent	FACULTY NAME	Filing Date	Publication / Grant Date	Application No.
1	Absorber plate	DR. VIPIN SRIVASTAVA	3/6/2022	3/6/2022	360003-001
2	Absorber plate	Dr. Anil Singh Yadav	3/6/2022	3/6/2022	360003-001
3	Absorber plate	DR. Vimal Kumar Chouksey	3/6/2022	3/6/2022	360003-001
4	Absorber plate	DR. Rajiv Saxena	3/6/2022	3/6/2022	360003-001
5	bsorber plate of solar air heat	DR. VIPIN SRIVASTAVA	2/15/2022	2/15/2022	358630-001
6	bsorber plate of solar air heat	Dr. Anil Singh Yadav,	2/15/2022	2/15/2022	358630-001

S. No.	Title of the Patent	FACULTY NAME	Filing Date	Publication / Grant Date	Application No.
7	bsorber plate of solar air heat	DR. Vimal Kumar Chouksey	2/15/2022	2/15/2022	358630-001
8	bsorber plate of solar air heat	DR. Sachin Nikam	2/15/2022	2/15/2022	358630-001
9	NATURAL COOLING WATER	jitendra raghuwanshi	20/01/2020	29/12/2022	326170-001
10	Decorative Sheets Made Up of Used Indian Sarees Reinforced with Transparent Resin	Dr. Shankar kumar	23/08/2023	13/10/2023	202321056621
11	Decorative Sheets Made Up of Used Indian Sarees Reinforced with Transparent Resin	Dr. Neeraj Dubey,	23/08/2023	13/10/2023	202321056621
12	Decorative Sheets Made Up of Used Indian Sarees Reinforced with Transparent Resin	Dr. shailendra Dwivedi	23/08/2023	13/10/2023	202321056621

S. No.	Title of the Patent	FACULTY NAME	Filing Date	Publication / Grant Date	Application No.
13	SOLAR POWER AGRICULTURE	Dr. Shankar Kumar	25/11/24	15/1/24	400701-001
14	SOLAR POWER AGRICULTURE	DR. VIKAS PARE	25/11/24	15/1/24	400701-001
15	TECHNIQUE FOR ENVIRONMENTAL MONITORING	Dr. Shankar Kumar	4/1/2024	7/3/2024	403824001
16	TECHNIQUE FOR ENVIRONMENTAL MONITORING	DR. VIKAS PARE	4/1/2024	7/3/2024	403824001
17	FOIL FLAPS FOR HEADGEAR	DR. VIKAS PARE	4/6/2019	2/29/2024	201921013503
18	A COMPACT MULTI-AXIS ROBOTIC ARM WITH ENHANCED PRECISION CONTROL MECHANISM			7/8/2025	202521075379 A

S. No.	Title of the Patent	FACULTY NAME	Filing Date	Publication / Grant Date	Application No.
19	AN IMPROVED SELF-LUBRICATING GEAR SYSTEM FOR HIGH SPEED POWER TRANSMISSION			22/07/2025	202521069670 A
20	JET PISTON FOR A DIES	DR. ARUN WAMANKAR	29/04/2025	23/05/2025	202521041258
21	JET PISTON FOR A DIES	DR. VIKAS PARE	29/04/2025	23/05/2025	202521041258
22	JET PISTON FOR A DIES	DR. RAJEEV SRIVASTAVA	29/04/2025	23/05/2025	202521041258
23	JET PISTON FOR A DIES	R. RAJEEV SINGH CHOUHA	29/04/2025	23/05/2025	202521041258
24	AI- Integrated Mechanical Gripper System for Human-Robot Collaboration in Industry 5.0 Environment			21/07/2025	202521069422

S. No.	Title of the Patent	FACULTY NAME	Filing Date	Publication / Grant Date	Application No.
25	Composites broom stick comprising of cocos nucifera leaf reinforced polypropylene plastic	Dr. Neeraj Dubey	1/7/2024	26/07/2024	202421050320
26	Composites broom stick comprising of cocos nucifera leaf reinforced polypropylene plastic	Dr. Shankar Kumar	1/7/2024	26/07/2024	202421050320
27	Composites broom stick comprising of cocos nucifera leaf reinforced polypropylene plastic	Dr. Madan Mohan Sahu	1/7/2024	26/07/2024	202421050320
28	Composites broom stick comprising of cocos nucifera leaf reinforced polypropylene plastic	Dr. R.G. Patil	1/7/2024	26/07/2024	202421050320
29	Composites broom stick comprising of cocos nucifera leaf reinforced polypropylene plastic	DR. Rajiv Singh Chouhan	1/7/2024	26/07/2024	202421050320
30	Composites broom stick comprising of cocos nucifera leaf reinforced polypropylene plastic	DR. Neetu Singh	1/7/2024	26/07/2024	202421050320

S. No.	Title of the Patent	FACULTY NAME	Filing Date	Publication / Grant Date	Application No.
31	Advanced fuel quantifier system and method for real time monitoring of fuel quantity,quality and pressure	R. RAJESH KUMAR PANDEY	31/01/2025		202521008314
32	Advanced fuel quantifier system and method for real time monitoring of fuel quantity,quality and pressure	Dr. Shankar Kumar	31/01/2025		202521008314
33	Advanced fuel quantifier system and method for real time monitoring of fuel quantity,quality and pressure	Dr. Neeraj Dubey	31/01/2025		202521008314
34	Advanced fuel quantifier system and method for real time monitoring of fuel quantity,quality and pressure	Dr. Madan Mohan Sahu	31/01/2025		202521008314
35	Advanced fuel quantifier system and method for real time monitoring of fuel quantity,quality and pressure	DR. Rajiv Singh Chouhan	31/01/2025		202521008314
36	Advanced fuel quantifier system and method for real time monitoring of fuel quantity,quality and pressure	Dr. R.G. Patil	31/01/2025		202521008314

S. No.	Title of the Patent	FACULTY NAME	Filing Date	Publication / Grant Date	Application No.
37	Universal twisting timer knob with adaptive control and energy harvesting features	Dr. Shankar Kumar	20/02/2025		202521014691
38	Universal twisting timer knob with adaptive control and energy harvesting features	Dr. Neeraj Dubey	20/02/2025		202521014691
39	Universal twisting timer knob with adaptive control and energy harvesting features	DR. RAJESH KUMAR PANDEY	20/02/2025		202521014691
40	Universal twisting timer knob with adaptive control and energy harvesting features	DR. ARUN WAMANKAR	20/02/2025		202521014691
41	Universal twisting timer knob with adaptive control and energy harvesting features	DR. VIPIN SRIVASTAVA	20/02/2025		202521014691
42	Universal twisting timer knob with adaptive control and energy harvesting features	DR. ARVIND KUMAR SHUKLA	20/02/2025		202521014691

S. No.	Title of the Patent	FACULTY NAME	Filing Date	Publication / Grant Date	Application No.
43	Solar powered Night Air water harvester and hydrogent generator system	Dr. Shankar Kumar	20/02/2025		202521014691
44	Solar powered Night Air water harvester and hydrogent generator system	Dr. Neeraj Dubey	20/02/2025		202521014691
45	Solar powered Night Air water harvester and hydrogent generator system	DR. RAJESH KUMAR PANDEY	20/02/2025		202521014691