



Shiksha Mandal's

Bajaj Institute of Technology

(A Hindi Linguistic Minority Institute)

Approved by AICTE, DTE and Govt. of Maharashtra; DTE Code – 04649

Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, Dist. Raigad.



Arvi Road, Pipri, Wardha – 442001 Website : www.bitwardha.ac.in Email ID : bit@bitwardha.ac.in

Patent Publications 2024-25

Name of the Faculty Member	Department of Faculty Member	Patent/Industrial Design/Copyright	Published at National/International Level	BIT/Non-BIT Affiliation	Title of Patent or Industrial Design or Copyright	Application Number	Application Filing Date	Application Publication Date / Volume / Issue etc.	Date of Grant of Patent	Present Status	IPRs in pipeline/process	Upload Proof of Published Patent /Patent-Grant Certificate
Anirudha S Marothiya	Electrical Engineering	Industrial Design	National	BIT Affiliation	Automatic Solar Powered Food Dehydrator	395160-001	9/15/2023	22/03/2024	3/22/2024	Published, Certificate of Registration of Design	Yes	https://drive.google.com/open?id=1Oy3XU5v7apQJlaIn5sN5PqvBrNYdyeJT
Dr. Prathik Kulkarni	Civil Engineering	Patent	National	BIT Affiliation	A DEVICE FOR DISPOSAL OF BIOMEDICAL WASTE	2023210 02119 A	1/10/2023	12/07/2024	7/12/2024	Published	No	https://drive.google.com/open?id=1aSh-KGDaUplgcN0oxyamox4HyX7cDOgv
Ruikar Jayesh	Electrical Engineering	Patent	National	BIT Affiliation	A DEVICE FOR	2023210 02119 A	1/10/2023	12/07/2024	7/12/2024	Published	Yes	https://drive.google.com/open?id=1rt



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Deorao					DISPOSAL OF BIOMEDICAL WASTE							m6BFiRsUg1iRMSCM8mJuFhMX7C6EMK
Ruikar Jayesh Deorao	Electrical Engineering	Patent	National	BIT Affiliation	An Automated Wheel Health Monitoring and Alert System and a Method for the Same	2023210 52089	8/2/2023	29/09/2023	6/20/2024	Granted	Yes	https://drive.google.com/open?id=19ok-gcIgyLFVrnIZZqN7ePhSyGHIGFTa
Partha Sarathi Subudhi	Electrical Engineering	Patent	National	Non-BIT Affiliation	Intelligent Controller for Wireless Charging of Electric Vehicles	2018410 43115	11/16/2018	23/11/2018	1/23/2024	Granted	Yes	https://drive.google.com/open?id=1tj80t3TRUkprDY8nTv0vD5DHxrhlfUur
Partha Sarathi Subudhi	Electrical Engineering	Industrial Design	National	BIT Affiliation	MULTI-COIL POWER TRANSFER SYSTEM FOR CHARGING ELECTRIC	420493- 001	6/18/2024	30/07/2024	7/30/2024	Granted	Yes	https://drive.google.com/open?id=1wdGp48MkUwY_gngM4JotUj7BwJOJe2d



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					VEHICLES							
Dr, Snehal Pachpor	Electrical Engineering	Industrial Design	National	BIT Affiliation	AI Based Smart Grid Energy Distribution Device	457204-001	30/04/2025		11/08/2025	Granted	No	https://drive.google.com/file/d/11kcy_sY_qUKAYz0zXkdlh70vnHw7ND00q/view?usp=drive_link
Dr. Pawan Chandak	Mechanical Engineering	Patent	National	BIT Affiliation	A FOLDABLE ATTACHMENT SYSTEM FOR MOUNTING OF B-TYPE OXYGEN CYLINDER ON A WHEELCHAIR	202221036663	27/06/2022	24/11/2023	12/03/2025	Granted	No	https://drive.google.com/file/d/1pFOGdHXhwq4ZXcU_sjt-6bFhFd3KXHPsq/view?usp=drive_link
Dr. Deepak Bhope	Mechanical Engineering	Patent	National	BIT Affiliation	A FOLDABLE ATTACHMENT SYSTEM FOR MOUNTING	202221036663	27/06/2022	24/11/2023	12/03/2025	Granted	No	https://drive.google.com/file/d/16jS85esOea67Ib-rdk174yipLsRZgeLQ/view?usp=drive



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					OF B-TYPE OXYGEN CYLINDER ON A WHEELCHAI R							e_link
Dr Harshit Dalvi	Electrical Engineering	Industrial Design	National	BIT Affiliation	Novel Design of Multipurpose Kit	453870- 001	1/4/2025		26/3/2026	Granted	No	https://drive.google.com/file/d/1bNEGmq2sMXVfhDQT8jer1QCsnXnMFTjG/view?usp=sharing
Dr. Kantilal Joshi	Electrical Engineering	Patent	National	Non-BIT Affiliation	STATCOM ULTRACAPA CITOR BASED POWER CONTROLLE R	2018210 11783	28/03/2018	04/10/2019	29/08/2024	Granted	No	https://drive.google.com/file/d/1ty11Y2vdN6P5MqU1I3jfhMomk31XMfr/view?usp=sharing
Mr. Sunny G. Gandhi	Computer Engineerig	Patent	National	BIT Affiliation	Arduno based Decentralized Disaster Response	2025210 10928	10/02/2025	28/02/2025				



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					Network using Mesh Communication for Emergency Situations							
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Yours Sincerely,

Dr. Narendra Kanhe
Principal BIT, Wardha

PRINCIPAL
Shiksha Mandal's
Bajaj Institute of Technology
Pipri, Wardha