

## **PATENT/COPYRIGHT/DESIGN**

<b>Sr. No.</b>	<b>Patent/Copyright</b>	<b>Name</b>	<b>Branch</b>	<b>Year</b>	<b>Status</b>
<b>1</b>	Light weight high strength paver block (201721019801 A)	Dr. Archana Keerti Chowdhary Dr. Keerti K. Chowdhary Dr. Ashish Nim Mr. Shivam Nema	<b>CE</b>	<b>2017</b>	Granted (2-12-24)
<b>2</b>	Decorative tiles made from waste & broken tiles (201721005607 A)	Dr. Archana Keerti Chowdhary Dr. Keerti K. Chowdhary Dr. Ashish Nim Mr. Shivam Nema	<b>CE</b>	<b>2023</b>	Granted (11-12-23)
<b>3</b>	A Construction Block (201921003257 A)	Dr. Archana Keerti Chowdhary Dr. Keerti K. Chowdhary Dr. Ashish Nim Mr. Vishwas Khurasiya	<b>CE</b>	<b>2023</b>	Granted (25-11-23)
<b>4</b>	Device for electricity generation from wastewater treatment (387460-001)	Dr. Devaanshi Jagwani	<b>CE</b>	<b>2023</b>	Design Accepted and Published <b>01/06/2023</b>
<b>5</b>	Machine vision based colorimetric test kit for arsenic identification in water (389145-001)	Dr. Devaanshi Jagwani	<b>CE</b>	<b>2023</b>	Design Applied
<b>6</b>	Artificial intelligence for ventilator management and optimization in intensive care units ( 202341040672 A)	Dr. Vaishali Gupta	<b>CS</b>	<b>2023</b>	Patent published 30/06/2023

<b>7</b>	Machine Learning Based Approaches for Rainfall Prediction System for Smart Cities (202341041525 A)	Dr. Swati Mehra	<b>CM</b>	<b>2023</b>	Patent published 07/07/2023
<b>8</b>	IoT controlled Charger for Electric Vehicles (379558-001)	Dr. Manish Sahajwani, Mr. Manoj Gupta, Mr. Namrata Nebhnani	<b>Ex</b>	<b>2023</b>	Design Accepted and Published 03/02/2023
<b>9</b>	A Microchannel Multiorgan-on-a-chip	Dr. J.Ponmozhi	<b>ME</b>		Applied
<b>10</b>	Machine learning and image processing base approaches for lung tumor classification and prediction (202341037702 )	Dr. Ranjana C. Ahirwar	<b>CM</b>	<b>2023</b>	Patent published 16/06/2023
<b>11</b>	Analysing the impact of copper and bismuth incorporated cations perovskite solar cells by one solution ( 202311004699A)	Dr. Ranjana C. Ahirwar Dr. Smita B. Karmankar	<b>CM</b>	<b>2023</b>	Patent published <b>10/02/23</b>
<b>12</b>	Internet Of Things Based Equipment For Control Of Electric Power (373963-001)	Ms.Namrata Nebhnani, Mr. Hemant Mehar	<b>Ex</b>	<b>2022</b>	Design Accepted and Published 03/02/2023
<b>13</b>	Smarter and green energy generation systems using photovoltaics in machine learning approach (202241060640)	Dr. Devaanshi Jagwani	<b>CE</b>	<b>2022</b>	Patent published 28/10/2022
<b>14</b>	Lead toxicity detector and water cleaning machine (362825-001)	Mr. Nitesh Parmar	<b>CM</b>	<b>2022</b>	Design Accepted & Published

					8-7-2022
<b>15</b>	Cloud and IoT based intelligent plant wall for Green Indoor Climate. (202141049777)	Mr. Vishal Chabra Mr. Yagyapal Yadav Mr. Anshul Oza	<b>CS</b>	<b>2022</b>	Patent Published 25-3-2022
<b>16</b>	LGP gas leakage detection device (Voice alert to the house wife) (202131047261)	Dr.Amit Chandak	<b>ME</b>	<b>2021</b>	Patent Published (12-11-21)
<b>17</b>	Cloud and IOT based intelligent plant wall for green indoor climate. (202141049777)	. Dr. Veena Baunthiyal	<b>CE</b>	<b>2021</b>	Patent Published 26-11-2021
<b>18</b>	Probabilistic method in applied mathematics for restructuring power system. (202111053834A)	Dr.Manoj Dubey	<b>GE</b>	<b>2021</b>	Patent Published (3-12-21)
<b>19</b>	Smart comb with massaging strokes to improve hair growth. (202141025101A)	Dr. Pratik Gite	<b>CSE</b>	<b>2021</b>	Published (11-6-21)
<b>20</b>	Digital education portal for academic activity "Campus Active." (L-104736/2021)	Dr. Namrata Tapaswi Dr. Pratik Nahar	<b>CS</b>	<b>2021</b>	Copyright Granted (24-6-21)

<b>21</b>	Smart School Bag for Assisting and Protecting the School Students by Tracking The Geographical Location. (2020102178)	Dr. Pratik Gite	<b>CSE</b>	<b>2020</b>	Published (Australia) (30-9-20)
<b>22</b>	Information locker system for Android mobile users using steganography technique. (2020102338)	Dr. Pratik Gite	<b>CSE</b>	<b>2020</b>	Published (Australia) (14-10-20)
<b>23</b>	Novel Miniaturized Dual-Port Ultra Wide Band Mimo Antenna. (201921052961 A)	Mr. Rupesh Dubey	<b>EC</b>	<b>2019</b>	Published (27-12-19)
<b>24</b>	Separation and Recovery of Acrylic Acid from Aqueous Solutions Using Natural Oils. (201621034582 A)	Dr. Kanti Kumar Athankar	<b>CM</b>	<b>2016</b>	Published (21-10-16)
<b>25</b>	An ink pen writing from both ends (201621010053 A)	Dr Sanjay Jain Mr. Mohd Aquib	<b>ME</b>	<b>2016</b>	Published (6-5-16)
<b>26</b>	NLP Tool for Sanskrit Language (L - 60997/2015)	Dr. Namrata Tapaswi	<b>CS</b>	<b>2015</b>	Copyright Granted (8-1-15)