

**Shri Shivaji Science College, Amravati**

**Name of The Teaching Faculty: MOPARI AM**

**Department: Chemistry**

**Total No. Patents Published: 04; Total No of Patents Granted:02**

S. No.	Title of the Patent	Published/Granted	Name of the Inventor	Co-Inventors	Application / Patent No	Year	Agency
1.	Magnetic nanoferrite-based electrode for enhanced supercapacitor performance	Granted	Mopari AM		6350170	13 March 2024	UK Design
2.	Drug Delivery Device	Granted	Mopari AM		6314881	03 OCT 2023	UK Design
3.	NANO COATING OF SUPER CAPACITOR ON CAR TO SUPPORT RECHARGING OF EV VEHICLES ON THE RUN EFFICIENTLY	Published	Mopari AM		202241026584	27/05/2022	The Patent office, Govt. of India
4.	Designing a smart bandage filled with silver nano particles to heal the wound faster	Published	Mopari AM		202241049247	09/09/2022	The Patent office, Govt. of India
5.	DEEP LEARNING BASED TECHNIQUE TO ANALYSE THE PROCESS OF PREPARING CHEMICALLY MODIFIED REGENERATED CELLULOSE AND FIBRIN BIOCOMPOSITE	Published	Mopari AM		202241049074 A	16/09/2022	The Patent office, Govt. of India

	INCORPORATED WITH SILVER NANOPARTICLES						
6.	Design of Solar Thermal Power Integration Systems to Increase the Efficiency of Renewable Energy Resources”	Published	Mopari AM		202241025379	2022	The Patent office, Govt. of India