

**Research Activities**  
**(Patent)**



**SVERI's College of Engineering,**  
**Pandharpur**



# SVRI's College of Engineering, Pandharpur

## List of Patents

Sr. No.	Patent Application No	Title of Patent	Name of Faculty
1	202021036039	PIPE NETWORK BASED BIOGAS PLANT WITH IMPROVED SOLAR HEAT ABSORPTION PERFORMANCE	1) Ronge Babruvahan Pandurang 2) Pawar Prashant Maruti 3) Kshirsagar Vidyarani Saudagar
2	202021005253 A	SPECIAL PURPOSE PRESS (SPP) TOOL BY COMBINING TWO CUTTING OPERATIONS IN A SINGLE STROKE OF PRESS MACHINE TO MANUFACTURE CONVEYOR LINKS	1) Bhaskar Dhondi Gaikwad 2) Sachin Mahadev Khomane 3) Sandeep Sitaram Wangikar 4) Sandipraj Yashwantrao Salunkhe
3	202021003381	A LOW COST SEMI-AUTOMATIC METALLURGICAL SPECIMEN GRINDING AND POLISHING MACHINE TO DEVELOP SPECIMEN FOR MICROSCOPIC ANALYSIS	1) Sachin Mahadev Khomane 2) Dr. R. R. Gidde
4	202021002345	DESIGN AND DEVELOPMENT OF HYDRAULICALLY OPERATED TAILSTOCK ON LATHE MACHINE FOR DRILLING 50mm DIAMETER HOLE IN ONE STROKE WITHOUT USING CENTER DRILL AND PILOT DRILL	1) Abhay A. Utpat 2) Bhaskar Dhondi Gaikwad
5	318667-001	BIO-MOL SEPERATOR	1) Ronge Babruvahan Pandurang 2) Pawar Prashant Maruti
6	201921029315 A	DESIGN AND IMPLEMENTATION OF MULTIBAND MIMO (MULTIPLE INPUT MULTIPLE OUTPUT) ANTENNA FOR WIRELESS APPLICATIONS OPERATING AT 1.8GHZ, 2.4GHZ AND 3.3GHZ.	1) Ashish A. Jadhav 2) Husain K Bhaldar 3) Mahesh S. Mathpati
7	201921033981 A	DESIGN & DEVELOPMENT OF MINIATURIZED 2X1 SQUARE ARRAY OF MICRO-STRIP TEXTILE ANTENNA USING JEAN AS DIELECTRIC MATERIAL & OPERATING AT 1.9642GHZ & 2.45GHZ WITH GAIN OF 10DBI & 8.07DBI USED FOR WIRELESS APPLICATION	1) Mr Husain K Bhaldar 2) Mr Ashish A Jadhav 3) Mr Mahesh S Mathpati 4) Dr. Meenakshi M Pawar
8	202121005763 A	WASTE MANAGEMENT FOR AYURVEDA AND URBAN HOSPITALS USING IOT	Dr. Kale Vaishnaw Gorakhnath

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<b>Sr. No.</b>	<b>Patent Application No</b>	<b>Title of Patent</b>	<b>Name of Faculty</b>
9	202041022055 A	SYSTEM AND METHODS TO CLASSIFY MENTAL TASKS	1)Swagat Madhav Karve 2)Akshay Anil Jadhav
10	2021100285	NOVEL 3D PRINTED BIONIC PROSTHETIC LEG	Dr. Thigale, Somnath
11	2021101385	DELICATE VIBRATORY INSTRUMENT FOR NEONATES ORAL MOTOR SIMULATION	DR. Thigale, Somnath
12	202121005211 A	SUGAR LEVEL CHECKING IN A PATIENT BY USING ISOPROPYL ALCOHOL IN AN EMERGENCYAT HOME USING IOT TECHNOLOGY	Dr. Padmanjali A Hagargi
13	202141021030 A	PRIVACY PRESERVING SPATIAL RANGE QUERY OVER OUTSOURCED ENCRYPTED DATA	Mr. Sahadev Maruti Shinde
14	202021004195	A METHOD FOR SELF-AGITATION/ STIRRING OF SLURRY IN FLOATING	Mr. Kulkarni Milind Balbhim