



Rashtrasant Tukadoji Maharaj Nagpur University

Formerly known as Nagpur University

Accredited with Grade "A" by NAAC



3.4.3 Number of Patents published/awarded during the years (22-23)

Sr No	Name of the Patenter	Publish / Awarded	Patent Number	Title of the Patent	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Year of the Patent	Link
1	Vijay B.Pawade, Kapil S.Janbandhu, Sanjay J.Dhoble, Atul N.Yerpude, Prashant S.Bokare	Granted	2022/08575	Synthesis process and 808 nm Laser light excited novel broadband emitting $\text{Ho}^{3+}/\text{Yb}^{3+}/\text{Nd}^{3+}$ co-doped KAlF_4 up-converting phosphor for bio imaging and display applications	1/8/2022	26/10/2022	2022-23	http://iqams.uniserv.co.in/DocumentReader.aspx?docid=12120
2	Shruti Tanwar, Yatish R.Parauha, Yogesh There Prashant S.Bokare Sanjay J. Dhoble	Granted	2022/08578	Cymbopogon citratus plant- mediated synthesis process of $\text{Al}_2\text{O}_3:\text{Eu}$ phosphors for enhancing WLED and Solar cell efficiency	1/8/2022	26/10/2022	2022-23	http://iqams.uniserv.co.in/DocumentReader.aspx?docid=12126
3	Vibha Chopra, Sanjay J.Dhoble Prashant S.Bokare	Granted	2022/08577	A low cost UVC based air purifier	1/8/2022	26/10/2022	2022-23	http://iqams.uniserv.co.in/DocumentReader.aspx?docid=12127
4	Pankaj Devidas Ghate, Vijay Bhaurao Pawade, Sanjay J.Dhoble	Granted	202021034711	A process for synthesis of oxides nanostructure material	12/8/2020	20/03/2023	2022-23	http://iqams.uniserv.co.in/DocumentReader.aspx?docid=12124
5	Abhilasha Jain, Chaitali M. Mehare, Neelu Singh Nirupama S.Dhoble, Sanjay J. Dhoble	Granted	202021034712	A process for synthesis of dehydrated luminescent chabazite phosphor	12/8/2020	29/03/2023	2022-23	http://iqams.uniserv.co.in/DocumentReader.aspx?docid=12121
6	Dr. Manju N Dubey, Dr. Sanjay J. Dhoble	Granted	2022/12118	Design of automatic library bookshelf cleaning robotic device	11/7/2022	31/05/2023	2022-23	http://iqams.uniserv.co.in/DocumentReader.aspx?docid=12122
7	Prashant N. Parale, Abhijeet R. Kadam, Kamlesh V. Dabre, Abhivilas S. Nakhate, Sanjay J. Dhoble	Granted	2022/12119	Synthesis process of orange-deep red emitting Sm^{3+} , Eu^{3+} , Pr^{3+} triple activated $\text{KBa}_2(\text{PO}_3)_4$ phosphite glass for WLEDs	11/7/2022	31/05/2023	2022-23	http://iqams.uniserv.co.in/DocumentReader.aspx?docid=12123
8	Dr Sonali Chalkh, Dr Sanjay J. Dhoble	Granted	2022/12120	Design of Kati Basti Instrument for low back pain	11/7/2022	31/05/2023	2022-23	http://iqams.uniserv.co.in/DocumentReader.aspx?docid=12125
9	Dr. Satish Sharma and Dr. G.K.Singh	Granted	365825-001	Ultrasonic Velocity Monitoring Device	10/6/2022	4/1/2023	2022-23	http://iqams.uniserv.co.in/DocumentReader.aspx?docid=12128
10	Dr. Shweta Barhate and Dr. Milind Barhate	Granted	415178	A System for watering the land under cultivation for optimised growth of the crop	4/4/2022	22/12/2022	2022-23	http://iqams.uniserv.co.in/DocumentReader.aspx?docid=12129
11	NILESH RAMESH RAROKAR 2.PRAMOD BHUJANGRAO KHEDEKAR 3.PRIYANKA NILESH RAROKAR	Granted	405714	"AN INHALANT FORMULATION FOR THE TREATMENT OF RESPIRATORY DISORDERS AND THE PROCESS THEREOF	8/12/2020	5/9/2022	2022-23	http://iqams.uniserv.co.in/DocumentReader.aspx?docid=12988
12	Dr. Intankar Prakash R.	Granted	424165	Biotransformed Anti-Cancer Product	8/5/2015	6/3/2023	2022-23	http://iqams.uniserv.co.in/DocumentReader.aspx?docid=12989
13	Dr. Prashant Puranik	Publish	202321036412A	A Chlorogenic Acid Vesicular Formulation	26/5/2023	22/9/2023	2023-24	http://iqams.uniserv.co.in/DocumentReader.aspx?docid=12990
14	DR. WADETWAR RITA NARESH	Granted	433851	A BIOCONVERSION METHOD FOR THE PREPARATION OF 2-CHLOROBENZENE-1, 4-DIOL	13/09/2013	6/6/2023	2022-23	http://iqams.uniserv.co.in/DocumentReader.aspx?docid=12991
15	BELGAMWAR, Veena Shailendra	Granted	438208	A FORMULATION OF DOCETAXEL LOADED NANO PARTICULATE DRUG DELIVERY SYSTEM	22/7/2022	11/7/2023	2022-23	http://iqams.uniserv.co.in/DocumentReader.aspx?docid=12992