

Patent Filed/ Granted Data of Shivaji University, Kolhapur

Patent Filed/ Granted Details (2024-2025)

Sr. No.	Patents	Count
1	Filed	21
2	Granted	20

Sr. No.	Patent Application No.	Inventor/s Name	Title of the Patent	Applicant/s name	Patent Filed date	Patent Published date	File Year	Department	Status of Application
1.	L-163726/2025	Mr.Sudhir Bharat Desai Dr.Vaishali Prashant Bhosale	DESIGN AND DEVELOPMENT OF QR CODE APPLICATION FOR CASH TRANSACTIONS	Mr.Sudhir Bharat Desai Dr.Vaishali Prashant Bhosale	29/01/2025	21/04/2025	2025	Y.C.S.R.D	Copyright granted
2.	L-163390/2025	Mr.Sudhir Bharat Desai Dr.Vaishali Prashant Bhosale	DESIGN AND DEVELOPMENT OF ANDROID BASED AUGMENTED REALITY AR APPLICATION FOR SCHOOL EDUCATION	Mr.Sudhir Bharat Desai Dr.Vaishali Prashant Bhosale		08/04/2025	2025	Y.C.S.R.D	Copyright granted
3.	L-162900/2025	Vidyanand Sambhaji Khandagale Ankita Raman Mahale	THREE TIER DIAGNOSTIC TEST FOR THE CONCEPT OF STEREOCHEMISTRY	Vidyanand Sambhaji Khandagale Ankita Raman Mahale		26/03/2025	2025	Department Of Education	Granted, Design No:L-162900/2025
4.	440595-001 (Indian Design)	Dr. Ganesh Sampatrao Patil Dr. Doulat Maruti Nangare Er. Amar Appasaheb Dum Dr. Iranna Sharanappa Udachan Er. Harshwardhan Chandrakant Pandit	IOT-BASED PORTABLE GLUCOSE MONITORING PEN	Dr. Ganesh Sampatrao Patil Dr. Doulat Maruti Nangare Er. Amar Appasaheb Dum Dr. Iranna Sharanappa Udachan Er. Harshwardhan Chandrakant Pandit	14/12/2024	14/02/2025	2024	DOT	Granted, Design No: 440595-001 Grant Date: 14/02/2025
5.	202025100143 (German p atent)	Mr. Akshay Pandurang Gurav Mr. Lalit Dhananjay Bhosale Dr. Navnath Janardhan Valekar Dr. Shankar Posheti Hangirgekar	A SYSTEM FOR THE SUSTAINABLE SYNTHESIS OF NOVEL HYDRAZNYL THIAZOLES VIA FURFURAL DERIVED BIOMASSES	Mr. Akshay Pandurang Gurav Mr. Lalit Dhananjay Bhosale Dr. Navnath Janardhan Valekar Dr. Shankar Posheti Hangirgekar	14/01/2025	21/01/2025	2025	Chemistry	Granted, Design No: 202025100143 Grant Date: 21/01/2025

Patent Filed/ Granted Data of Shivaji University, Kolhapur

6.	2022024106725 (German patent)	Mr. Prafull Babulal Dandge Dr. Gajanan Shankarrao Rashinkar	A SYSTEM FOR SYNTHESIS OF FERROCENE NANOPARTICLES FOR5TARGETED BREAST CANCER THERAPY	Mr. Prafull Babulal Dandge Dr. Gajanan Shankarrao Rashinkar	21/11/2024	09/12/2024	2024	Chemistry	Granted, Design No: 2022024106725 Grant Date: 09/12/2024
7.	6401953 (UK Design)	Dr. Pradeep Balaso Patil Dr. Dattaprasad Marutirao Pore Dr. Gajanan Shankarao Rashinkar	APPARATUS FOR SYNTHESIS OF BIS[SPIRO(QUNIAZOLINE -OXINDOLES]	Dr. Pradeep Balaso Patil Dr. Dattaprasad Marutirao Pore Dr. Gajanan Shankarao Rashinkar	03/11/2024	18/11/2024	2024	Chemistry	Granted, Design No: 6401953 Grant Date: 18/11/2024
8.	6400614 (UK Design)	Dr. Sneha Raghunath Bhosale, Prof. Prashant Vikramrao Anbhule, Dr. Rakhee Raghunath Bhosale, Dr. Ajinkya Ajit Patravale, Dr. Vithoba Laxman Patil, Prof. Vinod Bhimrao Shimpale	APPARATUS FOR SYNTHESIS OF MESOPOROUS CARBON COATED TUNGSTEN OXIDE NANOCOMPOSITE	Dr. Sneha Raghunath Bhosale, Prof.Prashant Vikramrao Anbhule, Dr. Rakhee Raghunath Bhosale, Dr. Ajinkya Ajit Patravale, Dr. Vithoba Laxman Patil, Prof. Vinod Bhimrao Shimpale	28/10/2024	18/11/2024	2024	Chemistry	Granted, Design No: 6400614 Grant Date: 18/11/2024
9.	6399331 (UK Design)	Dr. Aviraj Ramchandra Kuldeep Dr. Rahul Maruti Mane Dr. Kishorkumar Vikas Khot Dr. Suhas Shamrao Mohite Dr. Kalyanrao Mhadu Garadkar	WATER TREATING DEVICE USING SEMICONDUCTOR	Dr. Aviraj Ramchandra Kuldeep Dr. Rahul Maruti Mane Dr. Kishorkumar Vikas Khot Dr. Suhas Shamrao Mohite Dr.Kalyanrao Mhadu Garadkar	21/10/2024	13/11/2024	2024	Chemistry	Granted, Design No: 6399331 Grant Date: 13/11/2024
10.	6398030 (UK Design)	Dr. Mayuri Mahesh Patil. Dr. Pradeep Mohan Mhaldar, Dr. Sandip Prabhakar Vibhute, Dr. Suraj Ashok Sonawane, Prof. Dattaprasad Marutrao Pore.	NANOREACTOR MICELLAR ASSEMBLY APPARATUS FOR SYNTHESIS OF 2-THIOXO-2,3-DIHYDROQUINAZOLIN -4 (1H) -ONES	Dr. Mayuri Mahesh Patil. Dr. Pradeep Mohan Mhaldar, Dr. Sandip Prabhakar Vibhute, Dr. Suraj Ashok Sonawane, Prof. Dattaprasad Marutrao Pore	15/10/2024	23/10/2024	2024	Chemistry	Granted, Design No: 6398030 Grant Date: 23/10/2024

Patent Filed/ Granted Data of Shivaji University, Kolhapur

11.	6393708 (UK Design)	Mr. Akshay Pandurang Gurav Mr. Lalit Dhananjay Bhosale Dr. Shankar Posheti Hangirgekar	LABORATORY EQUIPMENT FOR THE SYNTHESIS OF HYDAZINYL THIAZOLES	Mr. Akshay Pandurang Gurav Mr. Lalit Dhananjay Bhosale Dr. Shankar Posheti Hangirgekar	26/09/2024	02/10/2024	2024	Chemistry	Granted, Design No: 6393708 Grant Date: 02/10/2024
12.	6392252 (UK Design)	Dr. Nana Lingappa Gavade Dr. Santosh Babaso Babar Dr. Mahadev Bhagwanrao Suwarnkar Dr. Kalyanrao Mhadu Garadkar	LABORATORY EQUIPMENT FOR SUNLIGHT-ENHANCED PHOTOCATALYTIC NANOCOMPOSITES	Dr. Nana Lingappa Gavade Dr. Santosh Babaso Babar Dr. Mahadev Bhagwanrao Suwarnkar Dr. Kalyanrao Mhadu Garadkar	19/09/2024	27/09/2024	2024	Chemistry	Granted, Design No: 6392252 Grant Date: 27/09/2024
13.	6384296 (UK Design)	Dr. Chaitali Siddheshwar Bagade, Miss. Kiran Siddheshwar Bagade, Dr. Santosh Balasaheb Kamble	APPARATUS FOR CHEMICAL DEPOSITION OF NANOSTRUCTURED THIN FILM SOLAR CELL	Dr. Chaitali Siddheshwar Bagade, Miss. Kiran Siddheshwar Bagade, Dr. Santosh Balasaheb Kamble	16/08/2024	23/08/2024	2024	Chemistry	Granted, Design No: 6384296 Grant Date: 23/08/2024
14.	6384295 (UK Design)	Dr. Pradnya Vishwanath Patil Dr. Gajanan Shankarao Rashinkar	A SYSTEM FOR SYNTHESIZING NANO-MAGNETITE SUPPORTED N-HETEROCYCLIC GOLD COMPLEX	Pradnya Vishwanath Patil Gajanan Shankarao Rashinkar	13/08/2024	21/08/2024	2024	Chemistry	Granted, Design No: 63842950 Grant Date: 21/08/2024
15.	410875-001 (Design) 18/03/2024	Dr. V. Gundala, S. P. Dehankar, Dr. M. N. Chavan, Dr. T. Verma, Dr. S. Sharma, Dr. S. V. Mohapatra	HEAVY METAL DETECTING PEN DEVICE	Dr. V. Gundala, S. P. Dehankar, Dr. M. N. Chavan, Dr. T. Verma, Dr. S. Sharma, Dr. S. V. Mohapatra	18/03/2024	06/06/2024	2024	DOT	Granted, Design No: 410875-001 Date: 06/06/2024
16.	202024100974 (German Patent)	Delekar, Sagra Dadu, Prof., Kolhapur, Maharashtra, IN; Koyale, Pramod Abhangrao, Kolhapur, Maharashtra, IN	A SYSTEM FOR SYNTHESIZING MOFs-DERIVED CeO2 NANOBARS MODIFIED g-C3N4-BASED NANOCOMPOSITES FOR PHOTOELECTROCHEMICAL WATER SPLITTING	Delekar, Sagra Dadu, Prof., Kolhapur, Maharashtra, IN; Koyale, Pramod Abhangrao, Kolhapur, Maharashtra, IN	29/02/2024	06/03/2024	2024	Chemistry	Granted, Design No: 202024100974 Grant Date: 27/03/2024

Patent Filed/ Granted Data of Shivaji University, Kolhapur

17.	6345134 (UK Design)	Dr. Kabir Kharade, Dr. Rajendra Budake, Dr. Shraddha Kharade, Dr. Vijaykumar Kumbhar, Dr. Kavita Oza, Dr. Rajanish Kamat	HANDS- FREE SMART VOICE ACTIVATED USER ASSISTANCE DEVICE	Dr. Kabir Kharade, Dr. Rajendra Budake, Dr. Shraddha Kharade, Dr. Vijaykumar Kumbhar, Dr. Kavita Oza, Dr. Rajanish Kamat	06/02/2024	07/03/2024	2024	Computer Science	Granted, Design No: 6345134 Grant Date: 07/03/2024
18.	202024100119 (German Patent)	Delekar, Sagar Dadu, Prof., Maharashtra, Kolhapur, IN ; Mulik, Swapnajit Vijay, Maharashtra, Sangli, IN	A SYSTEM FOR DEVELOPING NICO2O4/POROUS CARBON (PC)/NICKEL FOAM (NF) AS CATHODE FOR SUPERCAPACITOR DEVICES	Delekar, Sagar Dadu, Prof., Maharashtra, Kolhapur, IN ; Mulik, Swapnajit Vijay, Maharashtra, Sangli, IN	11/01/2024	30/01/2024	2024	Chemistry	Granted Application, Patent Number: DE20202410011 9U1 Grant Date: 31/01/2024
19.	6338265 (UK Design)	Dr. Ganesh Sunil Nhivekar, Dr. Tukaram Dattatray Dongale, Dr. Sachin Shantaram Panhalkar, Dr. Bharat Tayappa Jadhav, Dr. Rajanish Kamalakar Kamat	PORTABLE SOIL TESTER	Dr. Ganesh Sunil Nhivekar, Dr. Tukaram Dattatray Dongale, Dr. Sachin Shantaram Panhalkar, Dr. Bharat Tayappa Jadhav, Dr. Rajanish Kamalakar Kamat	08/01/2024	18/01/2024	2024	SNST	Granted, Design No: 6338265 Grant Date: 18/01/2024
20.	402715-001 (Design)	Rupali Dhabarde, Radhika Dhanal, Tushar Jadhao	IOT BASED AUTOMATED PILL DISPENSER	Rupali Dhabarde	20/12/2023	21/02/2024	2023	DOT	Granted, Design No: 402715-001 Grant Date: 21/02/2024

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

Sr. No.	Patent Application No.	Inventor/s Name	Title of the Patent	Applicant/s name	Patent Filed date	Patent Published date	File Year	Department	Status of Application	Email ID
1.	L-163726/2025	Mr.Sudhir Bharat Desai Dr.Vaishali Prashant Bhosale	DESIGN AND DEVELOPMENT OF QR CODE APPLICATION FOR CASH TRANSACTIONS	Mr.Sudhir Bharat Desai Dr.Vaishali Prashant Bhosale	29/01/2025	21/04/2025	2025	Y.C.S.R.D	Copyright granted	
2.	L-163390/2025	Mr.Sudhir Bharat Desai Dr.Vaishali Prashant Bhosale	DESIGN AND DEVELOPMENT OF ANDROID BASED AUGMENTED REALITY AR APPLICATION FOR SCHOOL EDUCATION	Mr.Sudhir Bharat Desai Dr.Vaishali Prashant Bhosale		08/04/2025	2025	Y.C.S.R.D	Copyright granted	
3.	L-162900/2025	Vidyanand Sambhaji Khandagale Ankita Raman Mahale	THREE TIER DIAGNOSTIC TEST FOR THE CONCEPT OF STEREOCHEMISTRY	Vidyanand Sambhaji Khandagale Ankita Raman Mahale		26/03/2025	2025	Department Of Education	Granted, Design No:L-162900/2025	
4.	440595-001 (Indian Design)	Dr. Ganesh Sampatrao Patil Dr. Doulat Maruti Nangare Er. Amar Appasaheb Dum Dr. Iranna Sharanappa Udachan Er. Harshwardhan Chandrakant Pandit	IOT-BASED PORTABLE GLUCOSE MONITORING PEN	Dr. Ganesh Sampatrao Patil Dr. Doulat Maruti Nangare Er. Amar Appasaheb Dum Dr. Iranna Sharanappa Udachan Er. Harshwardhan Chandrakant Pandit	14/12/2024	14/02/2025	2024	DOT	Granted, Design No: 440595-001 Grant Date: 14/02/2025	
5.	202025100143 (German p atent)	Mr. Akshay Pandurang Gurav Mr. Lalit Dhananjay Bhosale Dr. Navnath Janardhan Valekar Dr. Shankar Posheti Hangirgekar	A SYSTEM FOR THE SUSTAINABLE SYNTHESIS OF NOVEL HYDRAZNYL THIAZOLES VIA FURFURAL DERIVED BIOMASSES	Mr. Akshay Pandurang Gurav Mr. Lalit Dhananjay Bhosale Dr. Navnath Janardhan Valekar Dr. Shankar Posheti Hangirgekar	14/01/2025	21/01/2025	2025	Chemistry	Granted, Design No: 202025100143 Grant Date: 21/01/2025	

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6.	2022024106725 (German patent)	Mr. Prafull Babulal Dandge Dr. Gajanan Shankarrao Rashinkar	A SYSTEM FOR SYNTHESIS OF FERROCENE NANOPARTICLES FOR5TARGETED BREAST CANCER THERAPY	Mr. Prafull Babulal Dandge Dr. Gajanan Shankarrao Rashinkar	21/11/2024	09/12/2024	2024	Chemistry	Granted, Design No: 2022024106725 Grant Date: 09/12/2024	
7	440595-001 (Indian Design)	Dr. Ganesh Sampatrao Patil Dr. Doulat Maruti Nangare Er. Amar Appasaheb Dum Dr. Iranna Sharanappa Udachan Er. Harshwardhan Chandrakant Pandit	IOT-BASED PORTABLE GLUCOSE MONITORING PEN	Dr. Ganesh Sampatrao Patil Dr. Doulat Maruti Nangare Er. Amar Appasaheb Dum Dr. Iranna Sharanappa Udachan Er. Harshwardhan Chandrakant Pandit	14/12/2024	14/02/2025	2024	DOT	Granted, Design No: 440595-001 Grant Date: 14/02/2025	
8	6401953 (UK Design)	Dr. Pradeep Balaso Patil Dr. Dattaprasad Marutirao Pore Dr. Gajanan Shankarao Rashinkar	APPARATUS FOR SYNTHESIS OF BIS[SPIRO(QUNIAZO LINE-OXINDOLES]	Dr. Pradeep Balaso Patil Dr. Dattaprasad Marutirao Pore Dr. Gajanan Shankarao Rashinkar	03/11/2024	18/11/2024	2024	Chemistry	Granted, Design No: 6401953 Grant Date: 18/11/2024	dmp_chem@unishivaji.ac.in / gsr_chem@unishivaji.ac.in
9	6400614 (UK Design)	Dr. Sneha Raghunath Bhosale, Prof. Prashant Vikramrao Anbhule, Dr. Rakhee Raghunath Bhosale, Dr. Ajinkya Ajit Patravale, Dr. Vithoba Laxman Patil, Prof. Vinod Bhimrao Shimpale	APPARATUS FOR SYNTHESIS OF MESOPOROUS CARBON COATED TUNGSTEN OXIDE NANOCOMPOSITE	Dr. Sneha Raghunath Bhosale, Prof.Prashant Vikramrao Anbhule, Dr. Rakhee Raghunath Bhosale, Dr. Ajinkya Ajit Patravale, Dr. Vithoba Laxman Patil, Prof. Vinod Bhimrao Shimpale	28/10/2024	18/11/2024	2024	Chemistry	Granted, Design No: 6400614 Grant Date: 18/11/2024	srb50699@unishivaji.ac.in /

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10	6399331 (UK Design)	Dr. Aviraj Ramchandra Kuldeep Dr. Rahul Maruti Mane Dr. Kishorkumar Vikas Khot Dr. Suhas Shamrao Mohite Dr. Kalyanrao Mhadu Garadkar	WATER TREATING DEVICE USING SEMICONDUCTOR	Dr. Aviraj Ramchandra Kuldeep Dr. Rahul Maruti Mane Dr. Kishorkumar Vikas Khot Dr. Suhas Shamrao Mohite Dr.Kalyanrao Mhadu Garadkar	21/10/2024	13/11/2024	2024	Chemistry	Granted, Design No: 6399331 Grant Date: 13/11/2024	rmmchem@unishivaji.ac.in
11	6398030 (UK Design)	Dr. Mayuri Mahesh Patil. Dr. Pradeep Mohan Mhaldar, Dr. Sandip Prabhakar Vibhute, Dr. Suraj Ashok Sonawane, Prof. Dattaprasad Marutrao Pore.	NANOREACTOR MICELLAR ASSEMBLY APPARATUS FOR SYNTHESIS OF 2- THIOXO-2,3- DIHYDROQUINAZO LIN -4 (1H) -ONES	Dr. Mayuri Mahesh Patil. Dr. Pradeep Mohan Mhaldar, Dr. Sandip Prabhakar Vibhute, Dr. Suraj Ashok Sonawane, Prof. Dattaprasad Marutrao Pore	15/10/2024	23/10/2024	2024	Chemistry	Granted, Design No: 6398030 Grant Date: 23/10/2024	dmp_chem@unishivaji.ac.in
12	6393708 (UK Design)	Mr. Akshay Pandurang Gurav Mr. Lalit Dhananjay Bhosale Dr. Shankar Posheti Hangirgekar	LABORATORY EQUIPMENT FOR THE SYNTHESIS OF HYDAZINYL THIAZOLES	Mr. Akshay Pandurang Gurav Mr. Lalit Dhananjay Bhosale Dr. Shankar Posheti Hangirgekar	26/09/2024	02/10/2024	2024	Chemistry	Granted, Design No: 6393708 Grant Date: 02/10/2024	sphchem@unishivaji.ac.in
13	6392252 (UK Design)	Dr. Nana Lingappa Gavade Dr. Santosh Babaso Babar Dr. Mahadev Bhagwanrao Suwarnkar Dr. Kalyanrao Mhadu Garadkar	LABORATORY EQUIPMENT FOR SUNLIGHT- ENHANCED PHOTOCATALYTIC NANOCOMPOSITIES	Dr. Nana Lingappa Gavade Dr. Santosh Babaso Babar Dr. Mahadev Bhagwanrao Suwarnkar Dr. Kalyanrao Mhadu Garadkar	19/09/2024	27/09/2024	2024	Chemistry	Granted, Design No: 6392252 Grant Date: 27/09/2024	kmgchem@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

14	6384296 (UK Design)	Dr.Chaitali Siddheshwar Bagade, Miss. Kiran Siddheshwar Bagade, Dr. Santosh Balasaheb Kamble	APPARATUS FOR CHEMICAL DEPOSFION OF NANOSTRUCTURED THIN FILM SOLAR CELL	Dr.Chaitali Siddheshwar Bagade, Miss. Kiran Siddheshwar Bagade, Dr. Santosh Balasaheb Kamble	16/08/2024	23/08/2024	2024	Chemistry	Granted, Design No: 6384296 Grant Date: 23/08/2024	csb.agpm@unishivaji.ac.in
15	6384295 (UK Design)	Dr. Pradnya Vishwanath Patil Dr. Gajanan Shankarao Rashinkar	A SYSTEM FOR SYNTHESIZING NANO-MAGNETITE SUPPORTED N- HETEROCYCLIC GOLD COMPLEX	Pradnya Vishwanath Patil Gajanan Shankarao Rashinkar	13/08/2024	21/08/2024	2024	Chemistry	Granted, Design No: 63842950 Grant Date: 21/08/2024	gsr_chem@unishivaji.ac.in
16	202441043739	Shaeesta Khaleelahmed Bhavikatti Siti Lailatul Akmar Zainuddin Rosmaliza Binti Ramli Padma B. Dandge Masidd Khalate Mohmed Isaqali Karobari	GREEN SYNTHESIZED CARBON DOTS: A NOVEL APPROACH FOR LOCAL DRUG DELIVERY IN THE MANAGEMENT OF PERIODONTAL DISEASE	Shaeesta Khaleelahmed Bhavikatti Siti Lailatul Akmar Zainuddin Rosmaliza Binti Ramli Padma B. Dandge Masidd Khalate Mohmed Isaqali Karobari	06/06/2024	14/06/2024	2024	Biochemistry	Awaiting Request for Examination	pbd_biochem@unishivaji.ac.in
17	202421038206	Mr.Abhijit Vitthal Patil 2 . Mr. Prasad Tulsidas Goyal 3 . Shinde Sarika Ganpatrao 4 . Miss.Priyanka Kiran Kanase 5 . Ajay Thorbole	AI-DRIVEN CYBERSECURITY: ENHANCING REAL- TIME IOT TRAFFIC ANALYSIS WITH MACHINE LEARNING	Mr.Abhijit Vitthal Patil 2 . Mr. Prasad Tulsidas Goyal 3 . Shinde Sarika Ganpatrao 4 . Miss.Priyanka Kiran Kanase 5 . Ajay Thorbole	15/05/2024	14/06/2024	2024	Computer Science	Awaiting Request for Examination	ptg.rs.csd@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

18	202421040989	Prof.(Dr) Shobha Ajeet Waghmode Anil Pandurang Marale Prathmesh Prakash Deokar Prof. Dr. G.B. Kolekar Tanmay P. Jagtap Ms. Diksha Dnyaneshwar Walke	MILK FROTHER METHOD FOR SYNTHESIS OF SINGLE (SMNP), BIMETALLIC & CORESHELL & (CSMNP) METAL NANOPARTICLES BY USING MICROWAVE- ASSISTED CARBON QUANTUM DOTS (CQDS)	Prof.(Dr) Shobha Ajeet Waghmode Anil Pandurang Marale Prathmesh Prakash Deokar Prof. Dr. G.B. Kolekar Tanmay P. Jagtap Ms. Diksha Dnyaneshwar Walke	27/05/2024	28/06/2024	2024	Chemistry	Application Awaiting Examination	gbk_chem@unidhibsji.ac.in
19	202421027516	Mr. Oliver Paul Madhale Mr. Jonathan Henry Borges	METHOD AND APPARATUS FOR ISOLATION OF VIABLE MICROORGANISMS FOR ENHANCED ANTIBIOTIC PRODUCTION	Mr. Oliver Paul Madhale Mr. Jonathan Henry Borges	03/04/2024	03/05/2024	2024	Microbiology	Awaiting Request for Examination	
20	202421029801	Anil Vithal Ghule Kranti Shahaji Kachare	PROCESS FOR FABRICATING BIO-MEDIATED SYNTHESIZED ZINC OXIDE COATED COTTON FABRIC FOR ANTIBACTERIAL AND WOUND HEALING APPLICATION	Anil Vithal Ghule Kranti Shahaji Kachare	12/04/2024	03/05/2024	2024	Chemistry	Application Awaiting Examination	avg_chem@unishivaji.ac.in
21	410875-001 (Design) 18/03/2024	Dr. V. Gundala, S. P. Dehankar, Dr. M. N. Chavan, Dr. T. Verma, Dr. S. Sharma, Dr. S. V. Mohapatra	HEAVY METAL DETECTING PEN DEVICE	Dr. V. Gundala, S. P. Dehankar, Dr. M. N. Chavan, Dr. T. Verma, Dr. S. Sharma, Dr. S. V. Mohapatra	18/03/2024	06/06/2024	2024	DOT	Granted, Design No: 410875-001 Date: 06/06/2024	spd.50530@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

22	202024100974 (German Patent)	Delekar, Sagra Dadu, Prof., Kolhapur, Maharashtra, IN; Koyale, Pramod Abhangrao, Kolhapur, Maharashtra, IN	A SYSTEM FOR SYNTHESIZING MOFs-DERIVED CeO2 NANOBARS MODIFIED g-C3N4-BASED NANOCOMPOSITES FOR PHOTOELECTROCHEMICAL WATER SPLITTING	Delekar, Sagra Dadu, Prof., Kolhapur, Maharashtra, IN; Koyale, Pramod Abhangrao, Kolhapur, Maharashtra, IN	29/02/2024	06/03/2024	2024	Chemistry	Granted, Design No: 202024100974 Grant Date: 27/03/2024	sdd_chem@unishivaji.ac.in
23	6345134 (UK Design)	Dr. Kabir Kharade, Dr. Rajendra Budake, Dr. Shraddha Kharade, Dr. Vijaykumar Kumbhar, Dr. Kavita Oza, Dr. Rajanish Kamat	HANDS- FREE SMART VOICE ACTIVATED USER ASSISTANCE DEVICE	Dr. Kabir Kharade, Dr. Rajendra Budake, Dr. Shraddha Kharade, Dr. Vijaykumar Kumbhar, Dr. Kavita Oza, Dr. Rajanish Kamat	06/02/2024	07/03/2024	2024	Computer Science	Granted, Design No: 6345134 Grant Date: 07/03/2024	kgk_csd@unishivaji.ac.in
24	202024100119 (German Patent)	Delekar, Sagar Dadu, Prof., Maharashtra, Kolhapur, IN ; Mulik, Swapnajit Vijay, Maharashtra, Sangli, IN	A SYSTEM FOR DEVELOPING NICO2O4/POROUS CARBON (PC)/NICKEL FOAM (NF) AS CATHODE FOR SUPERCAPACITOR DEVICES	Delekar, Sagar Dadu, Prof., Maharashtra, Kolhapur, IN ; Mulik, Swapnajit Vijay, Maharashtra, Sangli, IN	11/01/2024	30/01/2024	2024	Chemistry	Granted Application, Patent Number: DE202024100119U1 Grant Date: 31/01/2024	sdd_chem@unishivaji.ac.in
25	6338265 (UK Design)	Dr. Ganesh Sunil Nhivekar, Dr. Tukaram Dattatray Dongale, Dr. Sachin Shantaram Panhalkar, Dr. Bharat Tayappa Jadhav, Dr. Rajanish Kamalakar Kamat	PORTABLE SOIL TESTER	Dr. Ganesh Sunil Nhivekar, Dr. Tukaram Dattatray Dongale, Dr. Sachin Shantaram Panhalkar, Dr. Bharat Tayappa Jadhav, Dr. Rajanish Kamalakar Kamat	08/01/2024	18/01/2024	2024	SNST	Granted, Design No: 6338265 Grant Date: 18/01/2024	tdd.snst@unishivaji.ac.in / ssp_geo@unishivaji.ac.in / rajanish.kamat@gmail.com

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

26	402715-001 (Design)	Rupali Dhabarde, Radhika Dhanal, Tushar Jadhav	IOT BASED AUTOMATED PILL DISPENSER	Rupali Dhabarde	20/12/2023	21/02/2024	2024	DOT	Granted, Design No: 402715-001 Grant Date: 21/02/2024	rjd50265@unishivaji.ac.in / raddhekadhanall@gmail.com /
27	6331255 (UK Design)	Mr. Swapnil Deelip Jadhav, Mr. Prabhakar Sadashiv Kadam, Mr. Nikhil Ramchandra Gogawale, Dr. Muralidhar Kisan Bhanarkar, Dr. Muralidhar Kisan Bhanarkar Ms. Dhanashri Vilas Bhoite, Ms. Yogita Shahaji Salunkhe, Ms. Supriya Subhash Bhosale	MICROSTRIP PATCH ANTENNA	Mr. Swapnil Deelip Jadhav, Mr. Prabhakar Sadashiv Kadam, Mr. Nikhil Ramchandra Gogawale, Dr. Muralidhar Kisan Bhanarkar, Mrs. Monica Nikhil Ghorpade, Ms. Dhanashri Vilas Bhoite, Ms. Yogita Shahaji Salunkhe, Ms. Supriya Subhash Bhosale	06/12/2023	15/12/2023	2023	Electronics	Granted, Design No: 6331255 Grant Date: 15/12/2023	mkb_eln@unishivaji.ac.in
28	398803-001 (Design)	Shital P. Dehankar, Prashant B. Dehankar, Dr. B. K. Sarkar, Dr. R. Singh, V. Singh	CHEMICAL AIR POLLUTION DETECTION DEVICE	Shital P. Dehankar, Prashant B. Dehankar, Dr. B. K. Sarkar, Dr. R. Singh, V. Singh	30/10/2023	14/12/2023	2023	DOT	Granted, Design No: 398803-001 Grant Date: 14/12/2023	spd50530@unishivaji.ac.in
29	202321068211	Dr. Ramchandra G. Pawar, Dr. Jalindar R. Gandal	ARTIFICIAL INTELLIGENCE BASED PREDICTIVE DETECTIVE CORRECTIVE (PDC) FRAMEWORK FOR ADVANCED CRIME DETECTION AND PREVENTION.	Dr. Ramchandra G. Pawar	11/10/2023	24/11/2023	2023	Department of Lifelong Learning and Extension	Application Awaiting Examination	rgp.dlle@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

30	394890-001 (Design)	Mr. Hemant Appa Tirmare, Mr. Shripal Machindra Gaikwad, Mr. Arvind Bhanjilal Madavi, Mr. Satish Bapuso Kale, Mr. Ganesh Rajaram Shinde, Mr. Hridaynath Pandurang Khandagale, Mrs. Aarti Hemant Tirmare	NANOSCALE SILICA COATING MACHINE	Mr. Hemant Appa Tirmare, Mr. Shripal Machindra Gaikwad, Mr. Arvind Bhanjilal Madavi, Mr. Satish Bapuso Kale, Mr. Ganesh Rajaram Shinde, Mr. Hridaynath Pandurang Khandagale, Mrs. Aarti Hemant Tirmare	11/09/2023	06/01/2024	2023	DOT	Granted, Design No: 394890-001 Grant Date: 06/01/2024	hat_tect@unishivaji.ac.in / hpk_tech@unishivaji.ac.in
31	393708-001 (Design)	Mr. Sunil Sundarrao Barkade, Mr. Abhijeet Jaysingh Pawar, Ms. Kavita Dattatraya Gadekar, Mr. Nikhil Ramchandra Gogawale, Dr. Santosh Atmaram Shinde, Dr. T. H. Mujawar	MACHINE LEARNING BASED STRESS DETECTION DEVICE	Mr. Sunil Sundarrao Barkade, Mr. Abhijeet Jaysingh Pawar, Ms. Kavita Dattatraya Gadekar, Mr. Nikhil Ramchandra Gogawale, Dr. Santosh Atmaram Shinde, Dr. T. H. Mujawar	26/08/2023	27/09/2023	2023	Electronics	Granted, Design No: 393708-001 Grant Date: 27/09/2023	sas_eln@unishivaji.ac.in
32	202321055917	Dr. Onkar Annaso Apine, Mr. Sumit Parit, Mr. Vikram Kanugade, Prof. Sanjay Mahajani, Prof. Jyoti Prafulla Jadhav	PRECISE METHOD FOR THE ANALYSIS OF TRACE ELEMENTS (Fe, Cu AND Mn) FROM JAGGERY/NON-CENTRIFUGAL SUGARS (NCS)	Prof. Jyoti Prafulla Jadhav	21/08/2023	13/10/2023	2023	Biotechnology	Application Awaiting Examination	

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

33	6302900 (UK Design)	Dr. Krishnasamy Vengatesan, Sayyas Samee, Dr. Kabir Gajanan Kharade, Yuvaraj Sivagnanam, Ganesan Elavel Visuvanathan, Dr. Manoharan Rajesh, Dr. Kailash Patidar, Sundaresan Pragadeeswaran	SMART MEDICAL INCUBATOR	Dr. Krishnasamy Vengatesan, Sayyas Samee, Dr. Kabir Gajanan Kharade, Yuvaraj Sivagnanam, Ganesan Elavel Visuvanathan, Dr. Manoharan Rajesh, Dr. Kailash Patidar, Sundaresan Pragadeeswaran	10/08/2023	23/08/2023	2023	Computer Science	Granted, Design No: 6302900 Grant Date: 23/08/2023	kgk_csd@unishivaji.ac.in
34	202321050713	Dr. Ramchandra G. Pawar, Dr. Prakash Kene	EFFECTIVENESS OF SKILL DEVELOPMENT FOR EMPLOYABILITY	Dr. Ramchandra G. Pawar	27/07/2023	29/09/2023	2023	Department of Lifelong Learning and Extension	Application referred u/s 12 for examination	rgp.dlle@unishivaji.ac.in
35	389950-001 (Design)	Ganesh S. Nhivekar, Tukaram D. Dongale, Santosh Kamble, Bharat T. Jadhav, Rajanish K. Kamat	PISTON BURETTE FOR LIQUID DELIVERY	Ganesh S. Nhivekar, Tukaram D. Dongale, Santosh Kamble, Bharat T. Jadhav, Rajanish K. Kamat	10/07/2023	13/09/2023	2023	SNST	Granted, Design No: 389950-001 Grant Date: 13/09/2023	tdd.snst@unishivaji.ac.in
36	389732-001 (Design)	Ganesh S. Nhivekar, Tukaram D. Dongale, Santosh Kamble, Bharat T. Jadhav, Rajanish K. Kamat	TITRATION INSTRUMENT TO DETERMINE ANALYTE CONCENTRATION	Ganesh S. Nhivekar, Tukaram D. Dongale, Santosh Kamble, Bharat T. Jadhav, Rajanish K. Kamat	06/07/2023	12/09/2023	2023	SNST	Granted, Design No: 389732-001 Grant Date: 12/09/2023	tdd.snst@unishivaji.ac.in
37	202341045196	V. Kannan, Koyel Misra, Sneha Verma, Jesu Arockia Rose Mina.S, Kalidoss Rajendran, Murugan Thirumalai, G. Gandhimathi, S. Boobalan, Anant Sanjayrao Deshpande, Amol P. Gargelwar, Abhijeet Das, Swaroopa Amit Patil, J. Logeshwaran	ANALYSIS OF BIOTRANSFORMATION OF GOAT DUNG INTO ORGANIC FERTILIZER	V. Kannan, Koyel Misra, Sneha Verma, Jesu Arockia Rose Mina.S, Kalidoss Rajendran, Murugan Thirumalai, G. Gandhimathi, S. Boobalan, Anant Sanjayrao Deshpande, Amol P. Gargelwar, Abhijeet Das, Swaroopa Amit Patil, J. Logeshwaran	05/07/2023	01/09/2023	2023	Botany	Awaiting Request for Examination	

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

38	202321044853	Dr. Ramchandra G. Pawar, Dr. Dinesh Banswal	AGILE FRAMEWORK FOR EDUCATIONAL ERP IMPLEMENTATION	Dr. Ramchandra G. Pawar, Dr. Dinesh Banswal	04/07/2023	15/09/2023	2023	Department of Lifelong Learning and Extension	Application referred u/s 12 for examination	rgp.dlle@unishivaji.ac.in
39	202321043771	Somnath S. Kundale Snehal L.Patil Tukaram D. Dongale Rajanish K.Kamat	A METAL OXIDE BASED FLEXIBLE MEMORY DEVICE AND METHOD FOR FABRICATING THE DEVICE	Somnath S. Kundale Snehal L.Patil Tukaram D. Dongale Rajanish K.Kamat	29/06/2023	25/08/2023	2023	SNST	Granted Application, Patent Number: 516344 Grant Date: 28/02/2024	tdd.snst@unishivaji.ac.in
40	202321043770	Apurva D. Patil Pramod J. Kasabe Padma B. Dandge Tukaram D. Dongale Rajanish K. Kamat	A BIOMATERIAL-BASED SYNAPTIC DEVICE AND METHOD FOR FABRICATING THE DEVICE	Apurva D. Patil Pramod J. Kasabe Padma B. Dandge Tukaram D. Dongale Rajanish K. Kamat	29/06/2023	25/08/2023	2023	SNST	Granted Application, Patent Number : 547409 Grant Date: 09/08/2024	tdd.snst@unishivaji.ac.in
41	202321043769	Kasturi A. Rokade Tukaram D. Dongale Rajanish K. Kamat	A MULTI-LEVEL BIOCOMPATIBLE MEMORY DEVICE AND METHOD FOR FABRICATING THE DEVICE	Kasturi A. Rokade Tukaram D. Dongale Rajanish K. Kamat	29/06/2023	25/08/2023	2023	SNST	Granted Application, Patent Number: 518044 Grant Date: 01/03/2024	tdd.snst@unishivaji.ac.in
42	386586-001 (Design)	Er. Harshwardhan Chandrakant Pandit, Dr. (Mrs.) Snehal Vijay Mali, Dr. Vijay Tukaram Mali, Er. (Mrs.) Shreya Harshwardhan Pandit	BREAST ENGORGEMENT RELIEF DEVICE	Er. Harshwardhan Chandrakant Pandit, Dr. (Mrs.) Snehal Vijay Mali, Dr. Vijay Tukaram Mali, Er. (Mrs.) Shreya Harshwardhan Pandit	18/05/2023	06/09/2023	2023	DOT	Granted, Design No: 386586-001 Grant Date: 06/09/2023	2018061681@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

43	384769-001 (Design)	Sunil J. Kadam, Jitendra Govind Shinde, Tukaram D. Dongale, Viay Ram Ghorpade, Sachin S. Chavan, Krantiveer V. More	FUEL FILTER	Sunil J. Kadam, Jitendra Govind Shinde, Tukaram D. Dongale, Viay Ram Ghorpade, Sachin S. Chavan, Krantiveer V. More	25/04/2023	06/07/2023	2023	SNST	Granted, Design No: 384769-001 Grant Date: 06/07/2023	tdd.snst@unishivaji.ac.in
44	202321026406	Satyaajeet Sanjay Patil, Dr. Akhilesh Pramod Patil, Ms. Minaj Makabul Faras, Prof. Pramod S. Patil	A METHOD OF PREPARATION OF ORGANIC RED AMARANTH STEMS DERIVED ACTIVATED CARBON COMPOSITE AMMONIUM ZINC PHOSPHATE ELECTRODE FOR SUPERCAPACITOR APPLICATION	Satyaajeet Sanjay Patil	09/04/2023	12/05/2023	2023	Physics	Reply Filed Application in amended examination	Ssp.50691@unishivaji.ac.in
45	202321020219	Prof. Sagar Dadu Delekar, Mr. Pramod Abhangrao Koyale, Miss. Ankita Krishnaji Dhukate	A PROCESS FOR FABRICATING METAL ORGANIC FRAMEWORKS- SENSITIZED NANOSTRUCTURED METAL OXIDE- BASED HYBRIDS FOR PHOTOELECTROCH EMICAL WATER SPLITTING	Prof. Sagar Dadu Delekar, Mr. Pramod Abhangrao Koyale, Miss. Ankita Krishnaji Dhukate	23/03/2023	06/10/2023	2023	Chemistry	Granted Application, Patent Number : 532062 Grant Date: 08/04/2024	sdd_chem@unishivaji.ac.in
46	202321014322	Dr S. R. Sabale,A. K. Pattanshetti, A.A. Koli, M. D. Bunud,Prof. K. M. Garadkar	PREPARATION OF NANOPOROUS ACTIVATED CARBON USING FLORAL FOAM	Dr S. R. Sabale,A. K. Pattanshetti, A.A. Koli, M. D. Bunud,Prof. K. M. Garadkar	03/03/2023	17/03/2023	2023	Chemistry	Application in Hearing	kmg_chem@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

47	2023/03303 (South African)	Gayatri Umesh Gokhale, Dr. Mahesh Vijay Gokhale, Dr. Niranjana Sunil Chavan, Dr. Santosh Vasant Madhale, Dr. Ajit B. Telave, Dr. Priya Digambar Patil	A PROCESS FOR EXTRACTION OF COIR FROM BETEL NUT (ARECA CATECHU) HUSK	Dr. Mahesh Vijay Gokhale, Dr. Niranjana Sunil Chavan, Dr. Santosh Vasant Madhale, Dr. Ajit B. Telave, Dr. Priya Digambar Patil, Gayatri Umesh Gokhale,	28/02/2023	29/06/2023	2023	DOT	Granted Application, Patent Number: 2023/03303 Grant Date: 28/06/2023	nsc_botany@unishivaji.ac.in
48	202341012935	Raja Kamal Ch, Debi Prasad Das, Anitha Subbappa, Dr. Darshan J C, Nitish Mathur, Ganesh Suresh Tolsarwad, Mahesh Manohar Biradar, Shrikrushan Ashokrao Shinde, Swaroopa Amit Patil, Pratik Sunil Kamble	ORAL HYGIENE DEVICE FOR ANIMALS.	Raja Kamal Ch, Debi Prasad Das, Anitha Subbappa, Dr. Darshan J C, Nitish Mathur, Ganesh Suresh Tolsarwad, Mahesh Manohar Biradar, Shrikrushan Ashokrao Shinde, Swaroopa Amit Patil, Pratik Sunil Kamble	25/02/2023	17/03/2023	2023	Botany	Awaiting Request for Examination	sas_eln@unishivaji.ac.in / psk.rs.botany@unishivaji.ac.in
49	379149-001 (Design)	Er. Harshwardhan Chandrakant Pandit, Dr. S. V. Subramanyam, Dr. G. Arunkumar, Dr. D. Saravanan	WIFI ROUTER	Er. Harshwardhan Chandrakant Pandit, Dr. S. V. Subramanyam, Dr. G. Arunkumar, Dr. D. Saravanan	12/02/2023	08/05/2023	2023	DOT	Granted Design No.: 379149-001, Grant Date: 08/05/2023	hcp.50329@unishivaji.ac.in
50	202221075688	Dr. Kishorkumar Vikas Khot, Dr. Rahul M. Mane, Prof. (Dr.) P. N. Bhosale	APPARATUS FOR ARRESTED PRECIPITATION TECHNIQUE (APT) FOR DEPOSITION OF MIXED METAL CHACOGENIDE (MMC) THIN FILMS	Dr. Kishorkumar Vikas Khot, Dr. Rahul M. Mane, Prof. (Dr.) P. N. Bhosale	26/12/2022	13/01/2023	2022	AGPM, Chemistry	Granted Application Patent Number: 524737 Grant Date: 13/03/2024	kvk.agpm@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

51	202221073852	Sagar D. Delekar, Vijay S. Ghodake	MICROBIAL FUNCTIONAL NANOCOMPOSITES FOR CONFORMAL LEATHER COATINGS	Sagar D. Delekar, Vijay S. Ghodake	20/12/2022	21/06/2024	2023	Chemistry	Awaiting Request For Examination	sdd_chem@unishivaji.ac.in
52	202221062409	Dr. Abhinandan Ravsaheb Patil, Ms. Sharvari Satyajit Chavan, Mrs. Vaibhavi Vishal Bhiungade, Prof. Dr. Madhuri Vasant Walvekar	SMART DEVICE TO IDENTIFY DIABETES AND KIDNEY DISORDERS TO PREDICT THE EXTENT OF DISEASE.	Dr. Abhinandan Ravsaheb Patil, Ms. Sharvari Satyajit Chavan, Mrs. Vaibhavi Vishal Bhiungade, Prof. Dr. Madhuri Vasant Walvekar	01/11/2022	25/11/2022	2022	Zoology	Application in Hearing	arp_hist@unishivaji.ac.in
53	202211054425	Dr. Rahul Boadh, Dr. Yogendra Kumar Rajoria, Dr. Sunil Namdeo Yadav, Mansing Dattatraya Khedekar, Satish Kumar, Prashant B, Shital P. Dehankar	DEVELOPING SUSTAINABLE GREEN ELECTRONICS FOR AN ENVIRONMENTALLY-FRIENDLY FUTURE	Dr. Rahul Boadh, Dr. Yogendra Kumar Rajoria, Dr. Sunil Namdeo Yadav, Mansing Dattatraya Khedekar, Satish Kumar, Prashant B. Dehankar, Shital P. Dehankar	22/09/2022	30/09/2022	2022	Department of Chemical Engineering, Department of Technology	Awaiting Request for Examination	spd_50530@unishivaji.ac.in
54	369079-001 (Design)	Dr. Abhinandan Ravsaheb Patil, Prof. Madhuri Vasant Walvekar, Dr. Nitin D. Potphode	MEDICATION INJECTING DEVICE	Dr. Abhinandan Ravsaheb Patil, Prof. Madhuri Vasant Walvekar, Dr. Nitin D. Potphode	12/08/2022	18/04/2023	2022	Zoology	Granted, Design No: 369079-001 Grant Date: 18/04/2023	arp_hist@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

55	202221046042	Miss.Minaj Makabul Faras, Prof. A. P. Torane, Mr. A. A. Mohite, Prof. P. S. Patil, Prof. B. T. Jadhav	A METHOD OF ORGANIC RED AMARANTH STEMS DERIVED ACTIVATED CARBON ELECTRODE FOR SUPERCAPACITOR APPLICATION.	Miss.Minaj Makabul Faras	12/08/2022	30/09/2022	2022	Physics	Granted Application Patent Number: 504836 Grant Date: 30/01/2023	Psp.pvc@unishivaji.ac.in
56	367486-001 (Design)	Tukaram D. Dongale, Ganesh S. Nhivekar, Krantiveer V. More, Mansingraj S. Nimbalkar, Rajanish K. Kamat	DEVICE FOR ANALYZING OIL CONTENT IN AROMATIC PLANTS	Tukaram D. Dongale, Ganesh S. Nhivekar, Krantiveer V. More, Mansingraj S. Nimbalkar, Rajanish K. Kamat	09/07/2022	19/04/2023	2022	SNST, Electronics	Granted Design No: 367486-001 Grant Date: 19/04/2023	tdd.snst@unishivaji.ac.in
57	367487-001 (Design)	Tukaram D. Dongale, Manusha S. Rao, Sourabh R. Jagdale, Rajanish K. Kamat	DEVICE FOR MEASURING CONTACT ANGLE BETWEEN SOLID-LIQUID INTERFACE	Tukaram D. Dongale, Manusha S. Rao, Sourabh R. Jagdale, Rajanish K. Kamat	09/07/2022	30/03/2023	2022	SNST, Electronics	Granted, Design No: 367487-001 Grant Date: 30/03/2023	tdd.snst@unishivaji.ac.in
58	202221034266	Dr. Shravanti S. Joshi, Prasad Kulkarni, Amey Kulkarni.	NANO HETEROSTRUCTURES WO3-SNO2 COMPOSITE FOR APPLICATION IN DYE DEGRADATION AND CO2 PHOTOREDUCTION	Dr. Shravanti S. Joshi, Prasad Kulkarni, Amey Kulkarni.	15/06/2022	08/07/2022	2022	Physics	Granted Application, Patent Number :417746 Grant Date:- 12/01/2023	2018013800@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

59	202221030806	Dr. V.S. Jamadade, Mr. R.P.Bhosale, Dr. N.L.Tarwal, Ms. P.P.Bagwade, Prof. C.D. Lokhande	A ELECTROCHEMICAL METHOD OF PREPARATION OF MANGANESE FERRITE THIN FILMS ON CONDUCTING SUBSTRATES FOR ENERGY STORAGE	Dr. V.S. Jamadade	30/05/2022	08/07/2022	2022	Physics	Granted Application, Patent Number: 504456 Grant Date: 29/01/2024	nlt.phy@unishivaji.ac.in
60	202221030754	Gaikwad Dinanath Tukaram, Shinde Kajal Sunil, Sharma Kiran Kumar K	CONSTRUCTION OF CURCUMIN-BAEL FRUIT GUM ELECTROSPUN NANOFIBERS	Gaikwad Dinanath Tukaram	30/05/2022	10/06/2022	2022	SNST	Awaiting Request for Examination	kk_sharma@unishivaji.ac.in
61	202221018787	Miss. Jamadar Aasiya Sadiq, Mr. Sutar Rohit Bapusaheb, Jyotiprakash Baburao Yadav	Ni-B FILM AND METHOD FOR PREPARATION OF THE SAME	Jyotiprakash Baburao Yadav	30/03/2022	15/04/2022	2022	USIC	Granted Application, Patent Number: 446317 Grant Date: 22/08/2023	asj.rs.physich@unishivaji.ac.in
62	202221016775	Sagar D. Delekar Swapnajit V. Mulik Ankita K. Dhukate	A METHOD AND COMPOSITION FOR SYNTHESIZING METAL OXIDES WITH SILVER NANOPARTICLES AND REDUCED GRAPHENE OXIDE	Sagar D. Delekar Swapnajit V. Mulik Ankita K. Dhukate	24/03/2022	01/09/2023	2022	Chemistry	Granted Application, Patent Number: 523518 Grant Date: 12/03/2024	sdd_chem@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

63	355606-001 (Design)	Tukaram D. Dongale, Sunil J. Kadam, Sachin Shankarrao Chava	PROBE FOR MEASURING SEMICONDUCTOR DEVICE CHARACTERISTICS, DESIGN	Tukaram D. Dongale, Sunil J. Kadam, Sachin Shankarrao Chava	28/12/2021	11/02/2022	2021	SNST	Granted, Design No: 355606-001 Grant Date: 11/02/2022	tdd.snst@unishivaji.ac.in
64	353069-001 (Design)	Dr. Shahanaz Ayub, Dr. Hrituparna Paul, Mr. Harshwardhan Chandrakant Pandit, Dr. S. Jainab Zareena	AN AIR PURIFIER	Dr. Shahanaz Ayub, Dr. Hrituparna Paul, Mr. Harshwardhan Chandrakant Pandit, Dr. S. Jainab Zareena	13/11/2021	04/01/2021	2021	DOT	Granted Design No.: 353069-001, Grant Date: 04/01/2021	hcp.50329@unishivaji.ac.in
65	202121045333	Dr. Pawar Kiran D., Desai Megha Prakash	BIOMOLECULE MIXTURE FOR BIOGENIC SYNTHESIS OF METAL NANOPARTICLES	Dr. Pawar Kiran D., Desai Megha Prakash	05/10/2021	14/01/2022	2021	School of Nanoscience & Biotechnolog y	Granted Application, Patent Number: 416733 Grant Date: 04/01/2023	mpd.snst@unishivaji.ac.in
66	202121042820	Dr. D. K. Gaikwad, Dr. C. U. Narayankar, Dr. N. M. Desai, Dr. M. S. Patil, Dr. U. R. Pawar, Dr. N. M. Pise, Mr. S. T. Charapale, Mr. I. A. Samant, Miss. S. Chougale, Miss. Ankita Kolekar	A METHOD TO EXTRACT AND SYNTHESIZE ORGANIC CANCER INHIBITORS FROM SIMAROUBA GLAUCA.	Dr. D. K. Gaikwad, Dr. C. U. Narayankar, Dr. N. M. Desai, Dr. M. S. Patil, Dr. U. R. Pawar, Dr. N. M. Pise, Mr. S. T. Charapale, Mr. I. A. Samant, Miss. S. Chougale, Miss. Ankita Kolekar	22/09/2021	29/10/2021	2021	Botany	Application Refused U/S 15	cun.rs.botany.@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

67	2021107254 (Austrialian Patent)	D. K. Gaikwad, C. U. Narayankar, N, M, Desai, M. S. Patil, U. R. Pawar, S. A. Deshmukh, P. Nagane	SYNTHESIS OF BLOOD CANCER CELL GROWTH INHIBITOR USING THE EXTRACT OF OPUNTIA AND OTHER HERBS	D. K. Gaikwad, C. U. Narayankar, N, M, Desai, M. S. Patil, U. R. Pawar, S. A. Deshmukh, P. Nagane	25/08/2021	03/02/2022	2021	Botany	Granted Application Granted Patent No: 2021107254 Grant Date: 03/02/2022	kuru208.cl@unishivaji.ac.in
68	202121020713	Rutikesh Pandit Gurav, Akshay Pandurang Gurav, Dr. Shankarposhatti Hangirgekar	NOVEL 3,4-DIHYDROPYRIMIDI N-2(1H)-ONE COMPOUNDS, PROCESS FOR PREPARATION THEREOF AND THEIR USE.	Rutikesh Pandit Gurav, Akshay Pandurang Gurav, Dr. Shankarposhatti Hangirgekar	06/05/2021	25/03/2022	2021	Chemistry	Granted Application, Patent Number: 513581 Grant Date: 21/02/2024	2018035125@unishivaji.ac.in
69	202121013660	Dr. Akshaya Kumar Sahoo, Ms. Karuna Wasudeo Patil, Dr. Abhijeet Arun Gatade	DEVELOPMENT OF HEALTH DRINK BY SUPPLEMENTATION OF RAGI AMBIL WITH KENAF LEAVES	Dr. Akshaya Kumar Sahoo, Ms. Karuna Wasudeo Patil, Dr. Abhijeet Arun Gatade	27/03/2021	09/04/2021	2021	DOT	In Process	aks_fst@unishivaji.ac.in
70	202121004762	Dr. S. S. Chavan, Dr. S. J. Kadam, Dr. Sachin Marotrao Shendokar, Dr. Tukaram Dattatray Dongale Dr. Yogesh Jayasing Chendake	COST-EFFECTIVE ELECTROSPINNING SETUP FOR SYNTHESIS OF NANOFIBERS	Dr. Sachin Shankarrao Chavan, Dr. Sunil Jagannath Kadam, Dr. Sachin Marotrao Shendokar, Dr. Tukaram Dattatray Dongale Dr. Yogesh Jayasing Chendake	04/02/2021	26/02/2021	2021	Chemistry & SNST	Abamdoned U/s 21 (1)	tdd.snst@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

71	202021006653	Rahul Chudaman Ranveer, Akshya Kumar Sahoo, Supriya Madhusudan Kamble	EGG SPOILAGE DETERMINING TEST STRIP AND METHOD THEREOF	Rahul Chudaman Ranveer, Akshya Kumar Sahoo, Supriya Madhusudan Kamble	15/02/2020	21/02/2020	2020	DOT	Granted Application, Patent Number: 444396 Grant Date: 10/08/2023	rahul.ranveer@gmail.com
72	202021004254	Mrs. S. K. Kharade, Prof. R. K. Kamat, Dr. K. G. Kharade, Mrs. S. V. Katkar, Dr. S. B. Sadale	AN ELEGANT WAY OF CALCULATING CHARGE CAPACITY USING ANN FOR LITHIUM –ION BATTERIES	Mrs. S. K. Kharade, Prof. R. K. Kamat, Dr. K. G. Kharade, Mrs. S. V. Katkar, Dr. S. B. Sadale	31/01/2020	07/02/2020	2020	Computer Science & DOT	Abandoned U/s 21 (1)	skk_maths@unishivaji.ac.in / sbs_tech@unishivaji.ac.in
73	202021004253	Mrs. S. V. Katkar, Prof. R. K. Kamat, Dr. K. G. Kharade, Mrs. S. K. Kharade Dr. S. B. Sadale	ANN BASED SMART CALCULATION TECHNIQUE FOR VARIOUS PARAMETERS OF $\text{Bi}_2(\text{S}_{1-x}\text{Se}_x)^3$ SOLAR CELL	Mrs. S. V. Katkar, Prof. R. K. Kamat, Dr. K. G. Kharade, Mrs. S. K. Kharade Dr. S. B. Sadale	31/01/2020	07/02/2020	2020	Computer Science & DOT	Abandoned U/s 21 (1)	svk_csd@unishivaji.ac.in / rkk_eln@unishivaji.ac.in
74	202021004256	Mrs. S. K. Kharade, Prof. R. K. Kamat, Dr. K. G. Kharade, Dr. R. S. Kamath, Dr. V. S. Kumbhar	ARTIFICIAL NEURAL NETWORK BASED METHOD FOR PREDICTING THE EFFICIENCY OF DYE SENSITIZED SOLAR CELLS	Mrs. S. K. Kharade, Prof. R. K. Kamat, Dr. K. G. Kharade, Dr. R. S. Kamath, Dr. V. S. Kumbhar	31/01/2020	07/02/2020	2020	Computer Science	Abandoned U/s 21 (1)	skk_maths@unishivaji.ac.in / kgk_chd@unishivaji.ac.in
75	202021004259	Mrs. S. K. Kharade, Prof. R. K. Kamat, Dr. K. G. Kharade, Dr. R. S. Kamath, Dr. K. S. Oza	ANN APPROACH TOWARDS PREDICTING EFFICIENCY OF MoS_2 SUPERCAPACITOR	Mrs. S. K. Kharade, Prof. R. K. Kamat, Dr. K. G. Kharade, Dr. R. S. Kamath, Dr. K. S. Oza	31/01/2020	07/02/2020	2020	Computer Science	Abandoned U/s 21 (1)	skk_maths@unishivaji.ac.in / kgk_chd@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

76	202021002741	Dr. K. G. Kharade, Prof. R. K. Kamat, Mrs. S. K. Kharade, Mrs. S. V. Katkar, Dr. S. B. Sadale	COMPUTATIONAL MODELING METHODS FOR FABRICATION OF THERMISTORS	Dr. K. G. Kharade, Prof. R. K. Kamat, Mrs. S. K. Kharade, Mrs. S. V. Katkar, Dr. S. B. Sadale	22/01/2020	31/01/2020	2020	Computer Science & DOT	Abandoned U/s 21 (1)	kgk_chd@unishivaji.ac.in
77	202021002735	Mrs. S. V. Katkar, Prof. R. K. Kamat, Dr. K. G. Kharade, Dr. S. B. Sadale	ARTIFICIAL NEURAL NETWORK (ANN) BASED METHOD FOR PREDICTION OF VARIOUS PARAMETERS OF Cd(SSe) Solar Cell	Mrs. S. V. Katkar, Prof. R. K. Kamat, Dr. K. G. Kharade, Dr. S. B. Sadale	22/01/2020	31/01/2020	2020	Computer Science & DOT	Abandoned U/s 21 (1)	svk_csd@unishivaji.ac.in
78	202021002737	Mrs. S. V. Katkar, Prof. R. K. Kamat, Dr. K. G. Kharade, Mr. S. B. Patil , Dr. S. B. Sadale	AN INTELLIGENT METHOD TO PREDICT PROPERTIES OF ELECTROCHROMIC SMART WINDOW	Mrs. S. V. Katkar, Prof. R. K. Kamat,, Dr. K.G.Kharade, Mr. S. B. Patil , Dr. S. B. Sadale	22/01/2020	31/01/2020	2020	Computer Science & DOT	Abandoned U/s 21 (1)	svk_csd@unishivaji.ac.in
79	202021002743	Dr. K. G. Kharade, Prof. R. K. Kamat, Mrs. S. K. Kharade, Mrs. S. V. Katkar, Dr. S. B. Sadale	DESIGN OF HIGHER EFFICIENCY PEROVSKITE SOLAR CELLS USING ARTIFICIAL NEURAL NETWORK	Dr. K. G. Kharade, Prof. R. K. Kamat, Mrs. S. K. Kharade, Mrs. S. V. Katkar, Dr. S. B. Sadale	22/01/2020	31/01/2020	2020	Computer Science & DOT	Abandoned U/s 21 (1)	kgk_chd@unishivaji.ac.in
80	202021002733	Dr. S. B. Sadale	A POT TYPE GHEE DISPENSER	Dr. S. B. Sadale	22/01/2020	31/01/2020	2020	DOT	Abandoned U/s 21 (1)	sbs_tech@unishivaji.ac.in
81	202021000609	Mr. Ravindra Dilip Waghmare, Dr. Anil Hanumant Gore, Dr. Mansingraj Shahajirao Nimbalkar, Prof. Sheshanath V. hosale, Prof. Prashant Vikram Anbhule, Prof. Govind Bhagwan Kolekar	POTENTIAL APPLICATION OF WASTE TEA RESIDUE DERIVED CARBON DOTS AS IN VITRO AND EX VITRO GROWTH PROMOTER IN MULBERRY PLANTS.	Prof. Govind Bhagwan Kolekar, Ravindra Dilip Waghmare	07/01/2020	17/01/2020	2020	Department of Agrochemica ls and Pest Management , Department Chemistry, Department of Botany	IN ORDER FOR GRANT UNDER SECTION 43, AWAITING NBA APPROVAL	msn_botany@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

82	201921054115	Mrs. Sonam Swapnil Patil, Mr. Swapnil Vilas Patil, Mr. Chetan Awati, Mr. Kalyan Bamane, Mrs. Arati Gaikwad	AN AUTOMATED SYSTEM FOR ANIMAL HEALTH CARE USING INTERNET OF THINGS AND ARTIFICIAL INTELLIGENCE.	Mrs. Sonam Swapnil Patil, Mr. Swapnil Vilas Patil, Mr. Chetan Awati, Mr. Kalyan Bamane, Mrs. Arati Gaikwad	27/12/2019	03/01/2020	2019	DOT	Granted Application, Patent Number: 493426 Grant Date: 03/01/2024	ssp.rs.botany@unishivaji.ac.in
83	201921053629	Mr. K. G. Kharade, Prof. R. K. Kamat, Mrs. S.K. Kharade, Prof. R. R. Mudholkar, Dr. S. B. Sadale	ANN BASED METHOD FOR PREDICTION AND EFFICIENCY OF CZTS SOLAR CELLS	Mr. K. G. Kharade	24/12/2019	03/01/2020	2019	Computer Science & DOT	Abandoned U/s 21 (1)	kgk_csd@unishivaji.ac.in
84	201921053633	Dr. Madhuri Vasant Walvekar	NANOENCAPSULATION OF TRIGONELLINE: A NOVEL REMEDY TO TREAT TYPE 2 DIABETES MELLITUS IN MICE MODEL	Dr. Madhuri Vasant Walvekar	24/12/2019	03/01/2020	2019	Zoology	Abandoned U/s 21 (1)	mew_zoo@unishivaji.ac.in
85	201921053631	Dr. S. S. Gaikwad, Dr. V. R. Ghorpade, Prof. R. K. Kamat, Dr. S. B. Sadale	SECURE ROUTING PROTOCOL FOR MOBILE AD-HOC NETWORK (MANET)	Dr. S. S. Gaikwad	24/12/2019	03/01/2020	2019	Computer Science & DOT	Abandoned U/s 21 (1)	ssg.rs.zoology@unishivaji.ac.in / rkk_eln@unishivaji.ac.in
86	201921053638	Mrs. S. V. Katkar, Prof. R. K. Kamat, Mr. K. G. Kharade, Dr. S. B. Sadale	A METHOD TO PREDICT EFFICIENCY OF TANDEM SILICON SOLAR CELL USING ARTIFICIAL NEURAL NETWORK(ANN)	Mrs. S. V. Katkar	24/12/2019	03/01/2020	2019	Computer Science & DOT	Abandoned U/s 21 (1)	svk_csd@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

87	201921053639	Dr. U. L. Bombale, Dr. S. B. Sadale	MICROWAVE DEVICE FOR MEASURING WATER CONTENT OF SOIL	Dr. U. L. Bombale	24/12/2019	03/01/2020	2019	DOT	Application in Hearing	ulb_tech@unishivaji.ac.in
88	201921051554	Dr. S. B. Sadale	A NANOFLUID BASED HEAT EXCHANGER SYSTEM ADOPTED TO REGULATE AND UTILIZED WASTE HEAT IN THE FORM OF STEAM, HOT WATER, HOT AIR	Dr. S. B. Sadale	12/12/2019	03/01/2020	2019	DOT	Abandoned U/s 21 (1)	sbs_tech@unishivaji.ac.in
89	201921050680	S. M. Bhosale, P. D. Sutar, Dr. Mohit Dhiman, Dr. Ashok B. More	USE OF NATURAL COAGULANTS FOR PRIMARY TREATMENT OF DAIRY WASTEWATER	S. M. Bhosale, P. D. Sutar, Dr. Mohit Dhiman, Dr. Ashok B. More	09/12/2019	20/12/2019	2019	DOT	Deemed to be withdrawn u/s 11 B (4)	smb_tech@unishivaji.ac.in
90	201921050753	S. M. Bhosale, Dipak D. Kokare, Prof. P. D. Raut, Mrs. Pragati A. More	IMPROVED RAPID COMPOSTING PROCEDURE WITH HIGH NUTRIENT USING WASTE MATERIALS	S. M. Bhosale, Dipak D. Kokare, Prof. P. D. Raut, Mrs. Pragati A. More	09/12/2019	20/12/2019	2019	DOT	Deemed to be withdrawn u/s 11 B (4)	smb_tech@unishivaji.ac.in / pdr_env@unishivaji.ac.in
91	201921050639	S. M. Bhosale, Ms. R. V. Pujari, Prajwal Kurle, Dr. A. B. More	Performance evaluation of fixed and suspended anaerobic filter media of compacted sewage treatment process	S. M. Bhosale, Ms. R. V. Pujari, Prajwal Kurle, Dr. A. B. More	08/12/2019	20/12/2019	2019	DOT	Deemed to be withdrawn u/s 11 B (40)	smb_tech@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

92	201921050387	Dr. Pravinkumar Patil Dr. Akilahemad Wasif Rishabh Hattimare	DEVELOPMENT OF NOVEL PRESSURISED SOLID-LIQUID EXTRACTOR FOR NATURAL PRODUCTS AND HERBAL DYE'S EXTRACTION.	Dr. Pravinkumar Patil Dr. Akilahemad Wasif Rishabh Hattimare	06/12/2019	11/06/2021	2019	DOT	Abandoned U/s 21 (1)	
93	201921047450	Prof. Dattatraya Krishna Gaikwad Mr. Chirag Umaji Narayankar Mr. Indrajeet Ashok Samant Mr. Sudarshan Tanaji Charapale	SIMAROUBA GLAUCA A COMPOSITE NATURAL FORMULATIONS AS AN INHIBITOR OF BREAST CANCER CELL DEVELOPMENT	Prof. Dattatraya Krishna Gaikwad Mr. Chirag Umaji Narayankar Mr. Indrajeet Ashok Samant Mr. Sudarshan Tanaji Charapale	21/11/2019	29/11/2019	2019	Botany	Abandoned U/s 21 (1)	cun.rs.botany@unishivaji.ac.in / ias.rs.botany@unishivaji.ac.in
94	201921047451	Prof. D. K. Gaikwad, C. U. Narayankar, I. A. Samant, S. T. Charapale	A TWO NEW COMPOSITE HERBAL FORMULATIONS WITH OPUNTIA AS AN INHIBITOR OF LEUKAEMIA CANCER CELL DEVELOPMENT	Prof. D. K. Gaikwad, C. U. Narayankar, I. A. Samant, S. T. Charapale	21/11/2019	29/11/2019	2019	Botany	Abandoned U/s 21 (1)	dkg_botany@unishivaji.ac.in / stc.rs.botany@unishivaji.ac.in
95	201921021629	Prof. Govind Bhagwan Kolekar. Ravindra Dilip Waghmare.	WASTE TEA RESIDUE DERIVED CARBON NANODOTS ENHANCES PRODUCTIVITY IN FENUGREEK BY IMPROVING CHLOROPHYL CONTENT AND MINERAL UPTAKE	Prof. Govind Bhagwan Kolekar. Ravindra Dilip Waghmare.	31/05/2019	07/06/2019	2019	Chemistry	Granted Application, Patent Number :445678 Grant Date: - 18/08/2023	gbk_chem@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

96	201921019519	Khot Atul Chandrakant Desai Neha Dhanajirao Dongale Tukaram Dattatray	DEVELOPMENT OF DYE SENSITIZED MEMRISTOR.	Khot Atul Chandrakant Desai Neha Dhanajirao Dongale Tukaram Dattatray	17/05/2019	13/09/2019	2019	School of Nanoscience & Biotechnolog y	Granted Application, Patent Number :547815 Grant Date - 23/08/2024	tdd.snst@unishivaji.ac.in
97	201921013770	Dr. Anil Hanumant Gore, C. S.Patil, D.B. Gunjal, V.M.Naik, R.D. Waghmare, Prof. G.B.Kolekar	A NOVEL METHODOLOGY TO PREPARE SUSTAINABLE AND VERSATILE ACTIVATED CARBON FROM WASTE BIOMASS FOR QUICK, CONTINOUS AND PRESSURE FILTRATION TECHNOLOGY	Dr. Anil Hanumant Gore	05/04/2019	10/05/2019	2019	Chemistry	Application Refused U/S 15	2018000352@unishivaji.ac.in
98	201911004014	Meitram Niraj Luwang, Kiran Kumar Kakchingtabam Sharma	GRAPHEHE OXIDE- POLYANILINE (GO- PANI) NANO COMPOSITE FOR GLUCOSE SENSING	Meitram Niraj Luwang, Kiran Kumar Kakchingtabam Sharma	01/02/2019	28/08/2020	2019	Bio-medical engineering	Granted Application, Patent Number: 525707 Grant Date- 14/03/2024	
99	201921003890	Prof. Govind Bhagwan Kolekar, Mr. Vaibhav Mahableshwar Naik	NITROGEN DOPED CARBON DOT HYDROGEL AS A NAKED EYE FLUORESCENT SENSOR FOR DETECTION OF DOPAMINE	Prof. Govind Bhagwan Kolekar, Mr. Vaibhav Mahableshwar Naik	31/01/2019	08/02/2019	2019	Chemistry	Abandoned U/s 21 (1)	gbk_chem@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

100	201921002716	Prof. Dr. Sagar Dadu Delekar, Ms. Vrushali Bhimrao Shevale	PROCESS FOR CATALYTIC RECLAMATION OF SILVER PRESENT IN PHOTOPROCESSING WASTE	Prof. Dr. Sagar Dadu Delekar, Ms. Vrushali Bhimrao Shevale	23/01/2019	27/05/2022	2019	Chemistry	Granted Application, Patent Number: 447327 Grant Date: 25/08/2023	sdd_chem@unishivaji.ac.in
101	201821049028	Prof. Dr. Sagar Dadu Delekar Mr.Ananta Gulab Dhodamani Mr.Krantiveer Vilas More	BINDER FREE THIN FILM DEPOSITION OF COMPOSITES AND IT'S ELECTROSTATIC CONNECTIVITY WITH SENSITIZERS FOR PHOTOVOLTAIC STUDIES	Prof. Dr. Sagar Dadu Delekar Mr.Ananta Gulab Dhodamani Mr.Krantiveer Vilas More	25/12/2018	24/01/2020	2018	Chemistry	Application Refused U/S 15	sdd_chem@unishivaji.ac.in
102	201821048909	Prof. Dr. Sagar Dadu Delekar, Mr. Sajid Bapuso Mullani	A METHOD FOR EVALUATION OF SEROTONIN (5-HT) USING NANOCOMPOSITES BASED ELECTRODES	Prof. Dr. Sagar Dadu Delekar, Mr. Sajid Bapuso Mullani	24/12/2018	17/01/2020	2018	Chemistry	Granted Application, Patent Number: 410811 Grant Date: 02/11/2022	sdd_chem@unishivaji.ac.in
103	201821048854	Prof. Dr. Sagar Dadu Delekar Shri. Shamkumar Pandurang Deshmukh	NANOCOMPOSITES BASED ANTIBACTERIAL ADDITIVES IN PAINT FORMULATIONS AND PROCESS FOR PREPARTION THEREOF	Prof. Dr. Sagar Dadu Delekar Shri. Shamkumar Pandurang Deshmukh	24/12/2018	17/01/2020	2018	Chemistry	Granted Application Patent Number: 386542 Grant Date: 13/01/2022	sdd_chem@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

104	201821032302	S. A. Vanalakar, J. H. Kim, Prof. Patil P. S.	METHOD OF MANUFACTURING MULTINARY CHALCOGENIDE SEMICONDUCTOR NANOPARTICLES VIA NON-TOXIC HYDROTHERMAL ROUTE FOR PHOTO- VOLTAIC AND PHOTO-CATALYTIC APPLICATIONS	S. A. Vanalakar, J. H. Kim, Prof. Patil P. S.	29/08/2018	12/04/2019	2018	Physics	Granted Application Patent Number: 457534 Grant Date: 09/10/2023	psp.pvc@unishivaji.ac.in
105	201821029775	Dr. A. A. Gatade & Dr. A. K. Sahoo	HEALTHY AND NUTRIENT RICH LOW FAT QUICK COOKING AIR DRIED NOODLES SUPPLEMENTED WITH LEGUMES AND LEAFY VEGETABLES AND ITS COOKING METHOD	Dr. A. A. Gatade & Dr. A. K. Sahoo	08/08/2018	31/08/2018	2018	DOT	Aplication Refused U/S 15	Aaj.fst@unishivaji.ac.in
106	201821009266	Dr. G. S. Rashinkar, Dr. P. A. Bansode	FERROCENE APPENDED N- HETEROCYCLIC CARBENE COMPLEXES OF SILVER OR GOLD OR PLATINUM	Dr. G. S. Rashinkar, Dr. P. A. Bansode	14/03/2018	16/03/2018	2018	Chemistry	Granted Application Patent Number: 356463 Grant Date: 22/01/2021	gsr_chem@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

107	201721041508	Mr. Dattatray Balhari Gunjal, Mr. Vaibhav Mahableshwar Naik, Prof. Prashant Vikram Anbhule, Prof. Govind Bhagwan Kolekar	QUICK AND LOW COST SIMULTANEOUS SYNTHESIS OF SULPHUR DOPED CARBON DOTS (S-C-DOTS) FOR THE DETECTION OF FE ³⁺ IONS AND ACTIVATED CARBON (AC) FOR DYE ADSORPTION IN HIGH ACID ENVIRONMENT BY SIMPLE ACIDIC CARBONIZATION OF SUCROSE."	Prof. Govind Bhagwan Kolekar	20/11/2017	22/12/2017	2017	Chemistry	Abandoned U/s 21 (1)	pva_chem@unishivaji.ac.in
108	201721041497	Prof. Govind Bhagwan Kolekar, Prin. Rajendra Vishwanath Shejwal, Prof. Prashant Vikram Anbhule, Mr. Dattatray Balhari Gunjal, Mr. Vaibhav Mahableshwar Naik, Dr. Anil Hanumant Gore	CARBON DOTS-FE ³⁺ SYSTEM AS A DUAL PROBE FOR THE SELECTIVE DETERMINATION OF D-PENICILLAMINE.	Prof. Govind Bhagwan Kolekar, Prin. Rajendra Vishwanath Shejwal	20/11/2017	22/12/2017	2017	Chemistry	Abandoned U/s 21 (1)	pva_chem@unishivaji.ac.in
109	201721021855	Mr. Shamkumar Bhimrao Chavan, Mr. Chavan Mahesh Srikant	GATE DRIVER WITH POWER SWITCH FAULT TOLERANCE COMPETENCE.	Mr. Shamkumar Bhimrao Chavan, Mr. Chavan Mahesh Srikant	22/06/2017	07/07/2017	2017	Commerce & Management , DOT	Granted Application, Patent Number : 517369 Grant Date: 29/02/2024	sbc_tech@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

110	201721011659	Dr. Sahoo Akshaya Kumar, Dr. Ranveer Rahul Chudaman, Mr. Bage Vaibhav Raju	A JAGGERY BASED FIBER RICH CEREAL-FRUIT-NUT COMPOSITION	Dr. Sahoo Akshaya Kumar, Dr. Ranveer Rahul Chudaman, Mr. Bage Vaibhav Raju	31/03/2017	05/10/2018	2017	DOT, Food S&T	Application Awaiting Examination	
111	10-2017-0036807 (S. Korea)	J. H. Kim, U. Ghorpade, Sanjay Kolekar, J. H. Moon, M. G. Gang, M. P. Suryawanshi, J.Y. Lee	MANUFACTURING METHOD OF COPPER CHALCOGENIDE USING DEEP EUTECTIC SOLUTION	J. H. Kim, U. Ghorpade, Sanjay Kolekar, J. H. Moon, M. G. Gang, M. P. Suryawanshi, J.Y. Lee	23/03/2017	03/07/2018	2017	Chemistry	In Process	sskolekar@gmail.com
112	201721003289	Dr. Gaurav Mahadev Lohar, Dr. Swati Tanaji Jadhav, Dr. Vijay Janardan Fulari	EFFECT OF HIGH ENERGY ELECTRON IRRADIATION ON GOLD SUBSTITUTE ELECTROCHEMICALLY REDUCED GRAPHENE OXIDE: MODIFIED PHOTOLUMINESCENCE PROPERTIES	Dr. Gaurav Mahadev Lohar, Dr. Swati Tanaji Jadhav, Dr. Vijay Janardan Fulari	30/01/2017	03/08/2018	2017	Physics	Deemed to be withdrawn u/s 11 B (4)	vjf_phy@unishivaji.ac.in
113	1020160047401 (S. Korea)	Chung, Kyung Yoon, Nam, Kyung-Wan, Ghulam Ali, Bhange, Deu Soudagar	CATHODE MATERIAL FOR SECONDARY BATTERY, METHOD FOR PREPARING THEREOF AND SECONDARY BATTERY COMPRISING SAME	KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY	19/04/2016	15/11/2017	2016	Chemistry	In Process	

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

114	3388/MUM/2015	Mr. Powar Santosh Vishwanath, Mr. Kolekar Ajit Bhanudas	SYSTEM AND METHOD FOR EXHAUST GAS EMISSIONS CONTROL OF AN INTERNAL COMBUSTION (I C) ENGINE	Mr. Powar Santosh Vishwanath, Mr. Kolekar Ajit Bhanudas	03/09/2015	18/09/2015	2015	DOT, Mech. Engg.	Application Refused U/S 15	abk_tech@unishivaji.ac.in
115	366/MUM/2015	Mr. Shamkumar Bhimrao Chavan, Mr. Chavan Mahesh Srikant	FAULT TOLERANT FULL BRIDGE DC-DC CONVERTER FOR PHOTOVOLTAIC SYSTEM	Mr. Shamkumar Bhimrao Chavan, Mr. Chavan Mahesh Srikant	04/02/2015	05/02/2016	2015	Sociology, DOT	Granted Application, Patent Number: 419685 Grant Date: 30/01/2023	sbc_tech@unishivaji.ac.in
116	1390/MUM/2014	Mr. Rahul Chudaman Ranveer, Prof. (Dr.) Akshaya Kumar Sahoo	DETAILED PROCESS FOR EXTRACTION OF ANTHOCYANIN FROM WASTE OF KOKAM (GARCINIA INDICA) PROCESSING INDUSTRY	Mr. Rahul Chudaman Ranveer, Prof. (Dr.) Akshaya Kumar Sahoo	17/04/2014	02/05/2014	2014	DOT, Food S&T	Application Refused U/S 15	rcr_fst@unishivaji.ac.in
117	648/MUM/2014	Mr. Abhishek Chandrakant Lokhande, Dr. Nanasaheb Madhukar Shinde, Prof. Chandrakant Dnyandev Lokhande	COLORIMETRIC DETECTION OF MERCURY IONS (Hg ²⁺) USING SILVER NANOPARTICLES CONTAINING THIN FILM	Mr. Abhishek Chandrakant Lokhande	25/02/2014	11/12/2015	2014	Physics	Deemed to be withdrawn u/s 11 B (4)	cdl_phy@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

118	372/MUM/2014	Prof. Sanjay Prabhu Govindwar, Mr. Avinash Ashok Kadam	"COAGULATION OF DYES FROM TEXTILE WASTEWATER USING NOVEL COAGULANT AND GENERATED DYE SLUDGE DECOLORIZATION USING BIOLOGICAL PROCESS SOLID STATE FERMENTATION."	Prof. Sanjay Prabhu Govindwar	03/02/2014	20/11/2015	2014	Biochemistry	Deemed to be withdrawn u/s 11 B (4)	spg_biochem@unishivaji.ac.in
119	3775/MUM/2013	Prof. (Mrs.) Rajashri Sandip Salunkhe, Dr. Santosh Balasaheb Kamble, Dr. Arjun Shankar Kumbhar	AQUEOUS HYDROTROPIC MEDIUM FOR SYNTHESIS OF ORGANIC COMPOUNDS	Prof. (Mrs.) Rajashri Sandip Salunkhe	02/12/2013	06/11/2015	2013	Chemistry	Deemed to be withdrawn u/s 11 B (4)	rss_chem@unishivaji.ac.in
120	1478/MUM/2013	Prof. Chandrakant Dnyandev Lokhande, Mr. Nanasaheb Madhukar Shinde, Mr. Abhishek Chandrakant Lokhande, Prof. Jaydeep Shantikumar Bagi	A BIOSYNTHESIS METHOD FOR LARGE AREA PREPARATION OF SILVER THIN FILM CONTAINING NANOPARTICLES	Prof. Chandrakant Dnyandev Lokhande	22/04/2013	17/04/2015	2013	Physics	Application Refused U/S 15	cdl_phy@unishivaji.ac.in
121	780/MUM/2013	Prof. Chandrakant Dnyandev Lokhande, Mr. Nanasaheb Madhukar Shinde, Mr. Abhishek Chandrakant Lokhande	BIOSYNTHESIS OF SILVER THIN FILMS	Prof. Chandrakant Dnyandev Lokhande	14/03/2013	23/01/2015	2013	Physics	Granted Application Patent Number: 485339 Grant Date: 19/12/2023	cdl_phy@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

122	3486/MUM/2012	Dr. (Mrs.) Jyoti Prafulla Jadhav, Prof. Vishwas Anant Bapat, Mr. Shrirang Appasaheb Inamdar	METHOD FOR EXTRACTION OF L-DOPA FROM ANETHUM GRAVEOLENS LEAVES	Dr. (Mrs.) Jyoti Prafulla Jadhav	10/12/2012	04/07/2014	2012	Biotechnology	Deemed to be withdrawn u/s 11 B (4)	jpj_biochem@unishivaji.ac.in
123	2485/MUM/2012	Dr. Sambhaji Shivaji Shinde, Dr. Kesu Yashwant Rajpure	NANOSTRUCTURES OF N/ZnO FOR PHOTOELECTROCATALYSIS OF WATER IMPURITIES	Dr. Kesu Yashwant Rajpure	27/08/2012	14/03/2014	2012	Physics	Deemed to be withdrawn u/s 11 B (4)	kyr_phy@unishivaji.ac.in
124	2181/MUM/2012	Dr. Sambhaji Shivaji Shinde, Dr. Kesu Yashwant Rajpure	PHOTOELECTROCATALYTIC BEHAVIOR OF Fe ₂ O ₃ , AlFe ₂ O ₃ , AND AlFe ₂ O ₃ / TiO ₂ NANOFLAKES	Dr. Kesu Yashwant Rajpure	30/07/2012	07/02/2014	2012	Physics	Deemed to be withdrawn u/s 11 B (4)	kyr_phy@unishivaji.ac.in
125	1695/MUM/2012	Prof. Chandrakant Dnyandev Lokhande, Miss. Bebi Hambirrao Patil, Dr. Vinayak Shivajirao Jamadade	CHEMICAL SYNTHESIS OF POLYTHIOPHENE THIN FILMS FOR SUPERCAPACITOR APPLICATION	Prof. Chandrakant Dnyandev Lokhande	11/06/2012	20/12/2013	2012	Physics	Granted Application Patent Number: 335201 Grant Date: 19/03/2020	cdl_phy@unishivaji.ac.in
126	3221/MUM/2011	Prof. Chandrakant Dnyandev Lokhande, Mr. Vinayak Shivajirao Jamadade, Mr. Sandip Vilasrao Patil	ELECTROCHEMICAL CAPACITOR BASED ON POLYPYRROLE THIN FILM ELECTRODE	PROF. CHANDRAKANT DNYANDEV LOKHANDE	14/11/2011	28/06/2013	2011	Physics	Deemed to be withdrawn u/s 11 B (4)	cdl_phy@unishivaji.ac.in
127	2941/MUM/2011	Surwase Shripad, Jadhav Jyoti	A PROCESS FOR INCREASED MELANIN PRODUCTION	Surwase Shripad, Jadhav Jyoti	19/10/2011	20/12/2013	2011	Biotechnology	Granted Application Patent Number: 285412 Grant Date: 19/07/2017	jpjbiochem@gmail.com

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

128	1232/MUM/2011	Prof. Chandrakant Dnyandev Lokhande, Mr. Vinayak Shivajirao Jamadade	ROOM TEMPERATURE SENSOR BASED ON N-NIFE2O4/P-POLYANILINE HETEROJUNCTION FOR LIQUEFIED PETRLEUM GAS (LPG) DETECTION	Prof. Chandrakant Dnyandev Lokhande	15/04/2011	07/03/2014	2011	Physics	Deemed to be withdrawn u/s 11 B (4)	cdl_phy@unishivaji.ac.in
129	341/MUM/2011	Prof. Chandrakant Dnyandev Lokhande, Mr. Vinayak Shivajirao Jamadade, Mr. Ajay Dattu Jagadale	CHEMICALLY DEPOSITED NANOCRYSTALLIN E ZnFe2O4 THIN FILMS FOR SUPERCAPACITIVE APPLICATION	Prof. Chandrakant Dnyandev Lokhande	07/02/2011	28/06/2013	2011	Physics	Deemed to be withdrawn u/s 11 B (4)	cdl_phy@unishivaji.ac.in
130	213/MUM/2011	Dr. Vijay Janardhan Fulari, Mr. Satish Anna Gangawane	ELECTRODEPOSITE D CDS NANORODS AND ITS HOLOGRAPHIC STUDY	Dr. Vijay Janardhan Fulari	24/01/2011	24/08/2012	2011	Physics	Deemed to be withdrawn u/s 11 B (4)	vjf_phy@unishivaji.ac.in
131	214/MUM/2011	Dr. Vijay Janardhan Fulari, Mr. Satish Anna Gangawane, Mr. Shirish Dattaram Kamat	STUDIES ON SURFACE DEFORMATION OF BaSrTiO3 MATERIALS BY DOUBLE EXPOSURE HOLOGRAPHIC INTERFEROMETRY TECHNIQUE	Dr. Vijay Janardhan Fulari	24/01/2011	24/08/2012	2011	Physics	Deemed to be withdrawn u/s 11 B (4)	vjf_phy@unishivaji.ac.in
132	3073/MUM/2010	Prof. Chandrakant Dnyandev Lokhande, Nansaheb Madhukar Shinde, Deepak Prakash Dubal	ROOM TEMPERATURE CHEMICAL METHOD FOR THE SYNTHESIS OF CU2ZNSNS4 ABSORBING LAYER	Prof. Chandrakant Dnyandev Lokhande	08/11/2010	21/06/2013	2010	Physics	Deemed to be withdrawn u/s 11 B (4)	cdl_phy@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

133	3072/MUM/2010	Prof. Chandrakant Dnyandev Lokhande, Mr. Nanasaheb Madhukar Shinde, Mr. Deepak Prakash Dubal	LOW COST AND LARGE AREA CHEMICAL DEPOSITION OF CZTS THIN FILM	Prof. Chandrakant Dnyandev Lokhande	08/11/2010	21/06/2013	2010	Physics	Deemed to be withdrawn u/s 11 B (4)	cdl_phy@unishivaji.ac.in
134	2964/MUM/2010	Prof. Chandrakant Dnyandev Lokhande, Mr. Deepak Prakash Dubal	CHEMICALLY DEPOSITED POLYPYRROLE THIN FILMS FOR SUPERCAPACITOR APPLICATION	Prof. Chandrakant Dnyandev Lokhande	25/10/2010	23/11/2012	2010	Physics	Deemed to be withdrawn u/s 11 B (4)	cdl_phy@unishivaji.ac.in
135	181/MUM/2010	Prof Chandrakant Dnyandev Lokhande, Miss. Swati Narayan Pusawale, Dr. Jayavant Laxman Gunjekar	A CHEMICAL METHOD FOR DEPOSITION OF NANOCRYSTALLINE TIN OXIDE THIN FILM SUPERCAPACITOR ELECTRODE	Prof. Chandrakant Dnyandev Lokhande	25/01/2010	10/02/2012	2010	Physics	Deemed to be withdrawn u/s 11 B (4)	cdl_phy@unishivaji.ac.in
136	2720/MUM/2009	Chandrakant Dnyandev Lokhande, Sachin Babasaheb Kulkarni, Sneha Sanjay Joshi	SUPERCAPACITOR BASED ON POLYANILINE FILM ELECTRODES DEPOSITED BY LUCRATIVE SILAR METHOD	Chandrakant Dnyandev Lokhande	25/11/2009	06/12/2013	2009	Physics	Deemed to be withdrawn u/s 11 B (4)	cdl_phy@unishivaji.ac.in
137	1989/MUM/2009	Chandrakant Dnyandev Lokhande, Dattatray Sadashiv Dhawale, Deepak Prakash Dubal	SUPERCAPACITOR BASED ON CHEMICALLY DEPOSITED MANGANESE OXIDE THIN FILMS	Chandrakant Dnyandev Lokhande	01/09/2009	16/12/2011	2009	Physics	Application Refused U/S 15	cdl_phy@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

138	1990/MUM/2009	Chandrakant Dnyandev Lokhande, Dattatray Sadashiv Dhawale, Deepak Prakash Dubal	SUPERCAPACITOR BASED ON CHEMICALLY DEPOSITED POLYANILINE THIN FILMS	Chandrakant Dnyandev Lokhande	01/09/2009	16/12/2011	2009	Physics	Abandoned U/s 21 (1)	cdl_phy@unishivaji.ac.in
139	1773/MUM/2009	Chandrakant Dnyandev Lokhande, Jayavant Laxman Gunjekar	FABRICATION OF LIQUEFIED PETROLEUM GAS (LPG) SENSOR BASED ON CHEMICALLY DEPOSITED NANOCRYSTALLINE NICKEL FERRITE FILMS	Chandrakant Dnyandev Lokhande	03/08/2009	10/06/2011	2009	Physics	Deemed to be withdrawn u/s 11 B (4)	cdl_phy@unishivaji.ac.in
140	1770/MUM/2009	Chandrakant Dnyandev Lokhande, Jayavant Laxman Gunjekar	DEVELOPMENT OF LIQUEFIED PETROLEUM GAS (LPG) SENSOR BASED ON NANOCRYSTALLINE NICKEL FERRITE FILMS USING MODIFIED CHEMICAL DEPOSITION METHOD	Chandrakant Dnyandev Lokhande	31/07/2009	10/06/2011	2009	Physics	Deemed to be withdrawn u/s 11 B (4)	cdl_phy@unishivaji.ac.in
141	1324/MUM/2007	Chandrakant Dnyandev Lokhande, Vaibhav Dilip Patake	A SIMPLE CHEMICAL METHOD FOR DEPOSITING AMORPHOUS RUTHENIUM OXIDE FILMS	Chandrakant Dnyandev Lokhande, Vaibhav Dilip Patake	10/07/2007	20/03/2009	2007	Physics	Abandoned U/s 21 (1)	cdl_phy@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

142	1310/MUM/2007	Chandrakant Dnyandev Lokhande, Jayavant Laxman Gunjekar	A CHEMICAL METHOD FOR DEPOSITION OF NANOCRYSTALLINE NICKEL FERRITE FILMS	Chandrakant Dnyandev Lokhande, Jayavant Laxman Gunjekar	09/07/2007	21/10/2011	2007	Physics	Deemed to be withdrawn u/s 11 B (4)	cdl_phy@unishivaji.ac.in
143	1309/MUM/2007	Chandrakant Dnyandev Lokhande, Jayavant Laxman Gunjekar, Ajinkya Mohan More	CHEMICAL PROCESS OF FORMING NANOCRYSTALLINE NICKEL FERRITE FILMS	Chandrakant Dnyandev Lokhande, Jayavant Laxman Gunjekar, Ajinkya Mohan More	09/07/2007	27/03/2009	2007	Physics	Abandoned U/s 21 (1)	cdl_phy@unishivaji.ac.in
144	1287/MUM/2007	Chandrakant Dnyandev Lokhande, Vaibhav Dilip Patake	A NOVEL CHEMICAL METHOD FOR DEPOSITING RUTHENIUM OXIDE FILMS	Chandrakant Dnyandev Lokhande, Vaibhav Dilip Patake	05/07/2007	08/05/2009	2007	Physics	Abandoned U/s 21 (1)	cdl_phy@unishivaji.ac.in
145	745/MUM/2005	Chandrakant Dnyandev Lokhande, Sampat Sahadrao Kaie, Vaishali Ramchandra Shinde, Tanaji Pralhad Gujar	A SIMPLE CHEMICAL METHOD FOR TITANIUM OXIDE THIN FILM	Chandrakant Dnyandev Lokhande, Sampat Sahadrao Kaie, Vaishali Ramchandra Shinde, Tanaji Pralhad Gujar	24/06/2005	24/08/2007	2005	Physics	Deemed to be withdrawn u/s 11 B (4)	cdl_phy@unishivaji.ac.in
146	602/MUM/2005	Chandrakant Dnyandev Lokhande, Sampat Sahadrao Kaie, Vaishali Ramchandra Shinde, Tanaji Pralhad Gujar	PREPARATION OF HYDROPHOBIC NANOCRYSTALLINE ZINC OXIDE FILMS	Chandrakant Dnyandev Lokhande, Sampat Sahadrao Kaie, Vaishali Ramchandra Shinde, Tanaji Pralhad Gujar	20/05/2005	25/05/2007	2005	Physics	Deemed to be withdrawn u/s 11 B (4)	cdl_phy@unishivaji.ac.in
147	604/MUM/2005	Chandrakant Dnyandev Lokhande, Sandhya Shivram Kulkarni,	MANGANESE OXIDE THIN FILM BASED SUPERCAPACITOR	Chandrakant Dnyandev Lokhande, Sandhya Shivram Kulkarni,	20/05/2005	29/06/2007	2005	Physics	Deemed to be withdrawn u/s 11 B (4)	cdl_phy@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

148	547/MUM/2005	Patil Pramod Shankararao, Sadale Shivaji Babaso	A PROCESS FOR THE SYNTHESIS OF TUNGSTEN DISULFIDE THIN FILMS COMPRISING LARGE AREA TEXTURED HEXAGONAL CRYSTALLITES USING NICKEL PROMOTER LAYER	Patil Pramod Shankararao, Sadale Shivaji Babaso	04/05/2005	24/06/2005	2005	Physics	Abandoned U/s 21 (1)	psp.rs.botany@unishivaji.ac.in
149	548/MUM/2005	Patil Pramod Shankararao, Sadale Shivaji Babaso	A PROCESS FOR THE SYNTHESIS OF TUNGSTEN DISULFIDE THIN FILMS COMPRISING LARGE AREA TEXTURED RHOMBOHEDRAL CRYSTALLITES USING LEAD PROMOTER LAYER	Patil Pramod Shankararao, Sadale Shivaji Babaso	26/04/2005	26/06/2005	2005	Physics	Granted Application, Patent Number: 206142 Grant Date: 22/05/2007	sbs_tech@unishivaji.ac.in
150	464/MUM/2005	Dr. Chandrakant Dnyandev Lokhande, Sneha Sanjay Joshi	POTENTIODYNAMIC ALLY DEPOSITED POLYANILINE FILM FOR SUPERCAPACITOR APPLICATIONS	Dr. Chandrakant Dnyandev Lokhande, Sneha Sanjay Joshi	13/04/2005	15/06/2007	2005	Physics	Abandoned U/s 21 (1)	cdl_phy@unishivaji.ac.in
151	63/MUM/2004	Dr. Patil Pramod Shankararao, Dr. Sadale Shivaji Babaso	AN IMPROVED SPRAY PYROLYSIS PROCESS FOR THE PREPARATION OF GOOD QUALITY THIN FILM SEMICONDUCTING COATINGS AND APPARATUS THEREFOR	Dr. Patil Pramod Shankararao, Dr. Sadale Shivaji Babaso	23/01/2004	29/09/2006	2004	Physics	Granted Application Patent Number: 214163 Grant Date: 26/03/2008	sbs_tech@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)

152	506/MUM/2003	Dr. Chandrakant Dnyandev Lokhande, Mr. Habib Mohiddin Pathan	A CHEMICAL METHOD FOR THE DEPOSITION OF CuInSe ₂ AND CuInTe ₂ THIN FILMS	Dr. Chandrakant Dnyandev Lokhande Mr. Habib Mohiddin Pathan	20/05/2003	10/06/2005	2003	Physics	Granted Application Patent Number: 203705 Grant Date: 08/01/2007	cdl_phy@unishivaji.ac.in
153	362/MUM/2003	Dr. Chandrakant Dnyandev Lokhande	AN ELECTROCHEMICAL PROCESS FOR THE DEPOSITION OF CuFe ₂ O ₄ , NiFe ₂ O ₄ , AND CoFe ₂ O ₄ FERRITE THIN FILMS AT ROOM TEMPERATURE	Dr. Chandrakant Dnyandev Lokhande	11/04/2003	11/02/2005	2003	Physics	Application Withdrawn	cdl_phy@unishivaji.ac.in

Patent Filed/ Granted Data of Shivaji University, Kolhapur (2003-2025)