

**Patent Filed/ Granted Data of Shivaji University, Kolhapur**

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	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
2	202221073852	Sagar D. Delekar, Vijay S. Ghodake	MICROBIAL FUNCTIONAL NANOCOMPOSITES FOR CONFORMAL LEATHER COATINGS	Sagar D. Delekar, Vijay S. Ghodake	2023	--	2023	Chemistry	In Process
3	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
4	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	In Process
5	394890-001 (Design)	Mr. Hemant Appa Tirmare, Mr. Shripal Machindra Gaikwad,	NANOSCALE SILICA COATING MACHINE	Mr. Hemant Appa Tirmare, Mr. Shripal Machindra	11/09/2023	06/01/2024	2023	DOT	Granted, Design No: 394890-001

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		Mr. Arvind Bhanjilal Madavi, Mr. Satish Bapuso Kale, Mr. Ganesh Rajaram Shinde, Mr. Hridaynath Pandurang Khandagale, Mrs. Aarti Hemant Tirmare		Gaikwad, Mr. Arvind Bhanjilal Madavi, Mr. Satish Bapuso Kale, Mr. Ganesh Rajaram Shinde, Mr. Hridaynath Pandurang Khandagale, Mrs. Aarti Hemant Tirmare					Grant Date: 06/01/2024
6	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 MNn) FROM JAGGERY/NON-CENTRIFUGAL SUGARS (NCS)	Prof. Jyoti Prafulla Jadhav	21/08/2023	13/10/2023	2023	Biotechnology	In Process
7	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	In Process
8	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
9	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

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10	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	In Process
11	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	In Process
12	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
13	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	In Process

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14	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
15	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
16	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
17	202321026406	Satyajeet 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	Satyajeet Sanjay Patil	09/04/2023	12/05/2023	2023	Physics	In Process

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18	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 PHOTOELECTROCHEMICAL WATER SPLITTING	Prof. Sagar Dadu Delekar, Mr. Pramod Abhangrao Koyale, Miss. Ankita Krishnaji Dhukate	23/03/2023	06/10/2023	2023	Chemistry	In Process
19	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
20	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	In Process

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21	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
22	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
23	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	In Process
24	202211054425	Dr. Rahul Boadh, Dr. Yogendra Kumar Rajoria, Dr. Sunil Namdeo Yadav, Mansing Dattatraya Khedekar, Satish Kumar, Prashant B. Dehankar, 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	In Process

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25	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
26	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
27	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
28	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	2022	SNST	Granted, Design No: 355606-001 Grant Date: 11/02/2022
29	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 MANAGANESE FERRITE THIN FILMS ON CONDUCTING SUBSTRATES FOR ENERGY STOARGE	Dr. V.S. Jamadade	30/05/2022	08/07/2022	2022	Physics	Granted Application Patent Number: 504456 Grant Date: 29/01/2024

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30	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	In Process
31	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
32	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	In Process
33	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
34	2021107254 (Austrian 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



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35	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
36	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 & Biotechnology	Granted Application, Patent Number: 416733 Grant Date: 04/01/2023
37	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	In Process
38	202121020713	Rutikesh Pandit Gurav, Akshay Pandurang Gurav, Dr. Shankarposhatti Hangirgekar	NOVEL 3,4- DIHYDROPYRIMIDIN- 2(1H)-ONE COMPOUNDS, PROCESS FOR PREPARATION	Rutikesh Pandit Gurav, Akshay Pandurang Gurav, Dr. Shankarposhatti Hangirgekar	06/05/2021	25/03/2022	2021	Chemistry	Granted Application Patent Number: 513581 Grant Date:

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			THEREOF AND THEIR USE.						21/02/2024
39	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
40	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	In Process
41	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
42	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	In Process

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43	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	In Process
44	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	In Process
45	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 $\text{MoS}_2$ 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	In Process
46	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	In Process
47	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 $\text{Cd}(\text{SSe})$ 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	In Process
48	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	In Process

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49	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	In Process
50	202021002733	Dr. S. B. Sadale	A POT TYPE GHEE DISPENSER	Dr. S. B. Sadale	22/01/2020	31/01/2020	2020	DOT	In Process
51	202021000609	Mr. Ravindra Dilip Waghmare, Dr. Anil Hanumant Gore, Dr. Mansingraj Shahajirao Nimbalkar, Prof. Sheshanath V. Bhosale, 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 Agrochemicals and Pest Management, Department Chemistry, Department of Botany	In Process
52	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
53	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	In Process
54	201921053633	Dr. Madhuri Vasant Walvekar	NANOENCAPSULATION OF TRIGONELLINE: A NOVEL REMEDY TO TREAT TYPE 2	Dr. Madhuri Vasant Walvekar	24/12/2019	03/01/2020	2019	Zoology	In Process

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			DIABETES MELLITUS IN MICE MODEL						
55	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	In Process
56	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	In Process
57	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	In Process
58	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	In Process
59	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	In Process
60	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	In Process

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61	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	In Process
62	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	In Process
63	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	In Process
64	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	In Process
65	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 & Biotechnology	In Process
66	201921013770	Dr. Anil Hanumant Gore, C. S.Patil, D.B. Gunjal, V.M.Naik,	A NOVEL METHODOLOGY TO PREPARE SUSTAINABLE AND VERSATILE ACTIVATED CARBON	Dr. Anil Hanumant Gore	05/04/2019	10/05/2019	2019	Chemistry	In Process

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		R.D. Waghmare, Prof. G.B.Kolekar	FROM WASTE BIOMASS FOR QUICK, CONTINOUS AND PRESSURE FILTRATION TECHNOLOGY						
67	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	In Process
68	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
69	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	In Process
70	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
71	201821048854	Prof. Dr. Sagar Dadu Delekar	NANOCOMPOSITES BASED ANTIBACTERIAL	Prof. Dr. Sagar Dadu Delekar	24/12/2018	17/01/2020	2018	Chemistry	Granted Application

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		Shri. Shamkumar Pandurang Deshmukh	ADDITIVES IN PAINT FORMULATIONS AND PROCESS FOR PREPARTION THEREOF	Shri. Shamkumar Pandurang Deshmukh					Patent Number: 386542 Grant Date: 13/01/2022
72	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
73	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	In Process
74	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
75	201721041508	Mr. Dattatray Balhari Gunjal, Mr. Vaibhav Mahableshwar Naik, Prof. Prashant Vikram	QUICK AND LOW COST SIMULTANEOUS SYNTHESIS OF SULPHUR DOPED CARBON DOTS (S-C-	Prof. Govind Bhagwan Kolekar	20/11/2017	22/12/2017	2017	Chemistry	In Process



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		Anbhule, Prof. Govind Bhagwan Kolekar	DOTS) FOR THE DETECTION OF FE3+ IONS AND ACTIVED CARBON (AC) FOR DYE ADSORPTION IN HIGH ACID ENVIRONMENT BY SIMPLE ACIDIC CARBONIZATIO OF SUCROSE."						
76	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-FE3+ SYSTEM AS A DUAL PROBE FOR THE SELECTIVE DETERMINATION OF D- PENICILLAMINE.	Prof. Govind Bhagwan Kolekar, Prin. Rajendra Vushwanath Shejwal	20/11/2017	22/12/2017	2017	Chemistry	In Process
77	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
78	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	In Process
79	10-2017-0036807 (S. Korea)	J. H. Kim, U. Ghorpade, Sanjay Kolekar, J. H. Moon,	MANUFACTURING METHOD OF COPPER CHALCOGENIDE USING	J. H. Kim, U. Ghorpade, Sanjay Kolekar, J. H. Moon, M. G. Gang,	23/03/2017	03/07/2018	2017	Chemistry	In Process

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		M. G. Gang, M. P. Suryawanshi, J.Y. Lee	DEEP EUTECTIC SOLUTION	M. P. Suryawanshi, J.Y. Lee					
80	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	In Process
81	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
82	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.	In Process
83	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
84	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	In Process

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85	648/MUM/2014	Mr. Abhishek Chandrakant Lokhande, Dr. Nanasahab Madhukar Shinde, Prof. Chandrakant Dnyandev Lokhande	COLORIMETRIC DETECTION OF MERCURY IONS (Hg <sup>2+</sup> ) USING SILVER NANOPARTICLES CONTAINING THIN FILM	Mr. Abhishek Chandrakant Lokhande	25/02/2014	11/12/2015	2014	Physics	In Process
86	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	In Process
87	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	In Process
88	1478/MUM/2013	Prof. Chandrakant Dnyandev Lokhande, Mr. Nanasahab 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	In Process
89	780/MUM/2013	Prof. Chandrakant Dnyandev Lokhande, Mr. Nanasahab 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

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90	3486/MUM/2012	Dr. (Mrs.) Jyoti Prafulla Jadhav, Prof. Vishwas Anant Bapat, Mr. Shirang 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	In Process
91	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	In Process
92	2181/MUM/2012	Dr. Sambhaji Shivaji Shinde, Dr. Kesu Yashwant Rajpure	PHOTOELECTROCATALYTIC BEHAVIOR OF Fe <sub>2</sub> O <sub>3</sub> , AlFe <sub>2</sub> O <sub>3</sub> , AND AlFe <sub>2</sub> O <sub>3</sub> / TiO <sub>2</sub> NANOFILMS	Dr. Kesu Yashwant Rajpure	30/07/2012	07/02/2014	2012	Physics	In Process
93	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
94	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	In Process
95	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

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96	1232/MUM/2011	Prof. Chandrakant Dnyandev Lokhande, Mr. Vinayak Shivajirao Jamadade	ROOM TEMPERATURE SENSOR BASED ON N-NIFE2O4/P-POLYANILINE HETEROJUCTION FOR LIQUEFIED PETRLEUM GAS (LPG) DETECTION	Prof. Chandrakant Dnyandev Lokhande	15/04/2011	07/03/2014	2011	Physics	In Process
97	341/MUM/2011	Prof. Chandrakant Dnyandev Lokhande, Mr. Vinayak Shivajirao Jamadade, Mr. Ajay Dattu Jagadale	CHEMICALLY DEPOSITED NANOCRYSTALLINE ZnFe2O4 THIN FILMS FOR SUPERCAPACITIVE APPLICATION	Prof. Chandrakant Dnyandev Lokhande	07/02/2011	28/06/2013	2011	Physics	In Process
98	213/MUM/2011	Dr. Vijay Janardhan Fulari, Mr. Satish Anna Gangawane	ELECTRODEPOSITED CDS NANORODS AND ITS HOLOGRAPHIC STUDY	Dr. Vijay Janardhan Fulari	24/01/2011	24/08/2012	2011	Physics	In Process
99	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	In Process
100	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	In Process
101	3072/MUM/2010	Prof. Chandrakant Dnyandev Lokhande, Mr. Nansaheb 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	In Process

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102	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	In Process
103	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	In Process
104	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	In Process
105	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	In Process
106	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	In Process
107	1773/MUM/2009	Chandrakant Dnyandev Lokhande, Jayavant Laxman Gunjekar	FABRICATION OF LIQUEFIED PETROLEUM GAS (LPG) SENSOR BASED ON CHEMICALLY	Chandrakant Dnyandev Lokhande	03/08/2009	10/06/2011	2009	Physics	In Process

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			DEPOSITED NANOCRYSTALLINE NICKEL FERRITE FILMS						
108	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	In Process
109	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	In Process
110	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	In Process
111	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	In Process
112	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	In Process
113	745/MUM/2005	Chandrakant Dnyandev Lokhande,	A SIMPLE CHEMICAL METHOD FOR	Chandrakant Dnyandev Lokhande, Sampat	24/06/2005	24/08/2007	2005	Physics	In Process

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		Sampat Sahadrao Kaie, Vaishali Ramchandra Shinde, Tanaji Pralhad Gujar	TITANIUM OXIDE THIN FILM	Sahadrao Kaie, Vaishali Ramchandra Shinde, Tanaji Pralhad Gujar					
114	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	In Process
115	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	In Process
116	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	In Process
117	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	Patil Pramod Shankararao, Sadale Shivaji Babaso	26/04/2005	26/06/2005	2005	Physics	Granted Application, Patent Number: 206142 Grant Date: 22/05/2007



**Patent Filed/ Granted Data of Shivaji University, Kolhapur**

			LEAD PROMOTER LAYER						
118	464/MUM/2005	Dr. Chandrakant Dnyandev Lokhande, Sneha Sanjay Joshi	POTENTIODYNAMICAL LY DEPOSITED POLYANILINE FILM FOR SUPERCAPACITOR APPLICATIONS	Dr. Chandrakant Dnyandev Lokhande, Sneha Sanjay Joshi	13/04/2005	15/06/2007	2005	Physics	In Process
119	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
120	506/MUM/2003	Dr. Chandrakant Dnyandev Lokhande, Mr. Habib Mohiddin Pathan	A CHEMICAL METHOD FOR THE DEPOSITION OF CuInSe <sub>2</sub> AND CuInTe <sub>2</sub> 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
121	362/MUM/2003	Dr. Chandrakant Dnyandev Lokhande	AN ELECTROCHEMICAL PROCESS FOR THE DEPOSITION OF CuFe <sub>2</sub> O <sub>4</sub> , NiFe <sub>2</sub> O <sub>4</sub> , AND CoFe <sub>2</sub> O <sub>4</sub> FERRITE THIN FILMS AT ROOM TEMPERATURE	Dr. Chandrakant Dnyandev Lokhande	11/04/2003	11/02/2005	2003	Physics	In Process