

PATENT DETAILS

Sr. No.	Academic Year	Title Of the Invention	Date of Filing Application	Publication Date	Application Number
1	2022-23	Design Of Solar Integrated Grid-Connected Charging Stations for Electric Vehicles	23/02/2023	17/03/2023	202321012321 A
2	2022-23	Implementation Of Solar-PV Based Bldc Motor Drive for Irrigation Water Pumping System	24/02/2023	17/03/2023	202321012605 A
3	2022-23	Design Of Solar Based Interchangeable Battery Swapping Station for Electrical Vehicles	25/02/2023	17/03/2023	202321012866 A
4.	2022-23	Design and development of automated library assistant robotic system	01/09/2022	16/09/2022	202221049873 A
5.	2022-23	Optimum design of thermoelectric couple-based heat ventilatilation and air conditioning systems for car	18/10/2022	21/10/2022	202221049877 A
6.	2022-23	Design and development of semi-automatic testing unit for power Distribution unit (PDU)	01/09/2022	16/09/2022	202221049873 A
7.	2022-23	Design and development of scalable real-time electric vehicles charging	18/10/2022	21/10/2022	202221059356 A
8.	2022-23	Design of solar grain dryer for storage	18/10/2022	21/10/2022	202221059374 A
9.	2022-23	Design Of Low-Density Polyethylene Based Light Weight Drone	04/03/2023	17/03/2023	202321014553 A
10.	2021-22	Smart Hybrid Electrical Vehicle Charging Station	16/03/2022	22/04/2022	202221014260 A
11.	2021-22	Design Analysis and Simulation of Solar Inverter and Building IGBT Based Power Circuit	10/6/2022	24/06/2022	202221033320 A



Savitribai Phule Shikshan Prasarak Mandal's

SKN SINHGAD COLLEGE OF ENGINEERING

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12.	2021-22	IoT-BLE based product predictive farming, monitoring system using raspberry pi and TI sensor TAG	27/04/2022	13/05/2022	202224024623 A
13.	2021-22	Solar steam based hot drinks vending machine	22/02/2022	01/04/2022	202221009240 A
14.	2021-22	BIOBI system to assist the covid patients and caretakers	22/02/2022	01/04/2022	202221009287 A
15.	2021-22	Feed dispenses monitoring machine monitoring for accurate feeding of hens in poultry house	28./02/2022	08/03/2022	202221010527 A
16.	2021-22	A process of casting of concrete pavement with steel fibers	31/03/2022	15/04/2022	202221019584 A
17.	2021-22	Affordable and portable cook stove for burning multisided biomass	21/02/2022	22/04/2022	202221008836 A
18.	2021-22	An attachment for an overhead tank to indicate water level	21/02/2022	22/04/2022	202221008837 A
19.	2018-19	IoT Device for Detecting Naturally Ripen and Chemically Ripen Fruits	23/08/2018	31/08/2018	.201841031559A

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Sr.No.	Name of the Faculty	Particulars
1.	Dr. A. O. Mulani	Deep Learning Based Dermatological Disease Detection
2.	Prof. A. C. Pise	Chaitanya Milk Label Design
3.	Prof. A. D. Harale	Wireless Gesture Based Control For Robots
4.	Prof. S. S. Gangonda	Trending Applications Of Machine Learning
5.	Prof. G. B. Birajdar	Epilepsy Identification Using EEG Analysis
6.	Prof. V. V. Godase	Prediction Of Burr Formation In The End Micro Milling Polymethyl Methacrylate (PMMA) And Polycarbonate(Pc) Substrates Using Convolutional Neural Network(CNN)
7.	Prof. A. H. Shinde	Artificial Intelligence
8.	Mr.Bhimade S.S.	Literary/ Dramatic Work
9.	Mrs.Binavade A. P.	Literary/ Dramatic Work
10.	Dr. S.S.Kadam	Representation of three phase soil system
11.	Dr. C. P. Pise	Milk Pouch Lable Design
12.	Mr. S.G. Rathod	Engineering Mechanics unit 1 presentation
13.	Ms. N.S. Khan	Timber steel composite beam
14.	Mr.V. S. Bhakare	Sometimes
15.	Mr. A, A Kamble	Tetrtech Construction and ConsultancyServices
16.	Mr. Y. P. Pawar	Proof for Varignons Theorem of Moment
17.	Mr. M. V, Tondase	English
18.	Dr.S.S.Kulkarni	Time and frequency domain investigation for detection of an extended fault in antifricition bearing using vibration signature analysis
19.	Prof.P.P.Kulkarni	Poem Article
20.	Samadhan Mali	An Ergonomics Evaluation of a Workstation in Foundry Industry & Suggesting Improvements
21.	U.S.Ghoalp	Biomechanical hand
22.	H.S.Deshpande	Investigation on Influence of Local Defect on Vibration Response of Cylindrical Roller Bearing
23.	D.R.Giram	Literary- Its my life (Poem)
24.	R.K.Shinde	Mechanical Machine Components
25.	S.R.Koli	Utilization of bio diesel with diesel engine
26.	H.S.Kulkarni	Augmentation of heat transfer through the pipe using internal multi-start threaded fins
27.	N.L.Phule	Experimental investigation of heat transfer enhancement by longitudinal vortex generator
28.	A.S.Kulkarni	Experimental and Parametric Optimization of Tensile Strength for Single and Multi Analysis Spot Welded Sheets
29.	S.R.Koli	Biodiesel preparation from custard apple seeds
30.	A.S.Aradhya	Temple Pull KANBAN
31.	Dr.B.S.Gandhare	Evaluation of maintenance strategy of solar power plants
32.	Dr. B. B. Godbole	Cell site survey for radiated energy and mode selection Optimal Control of Capacitor Banks in Radial Distribution Feeder
33.	Dr. R.M.Patil	Considering Seasonal Load Profile and Photo voltaic Penetration Using Northern Goshwak Optimization



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34.	Mr. V. P. More	Design of construction of Cross-sectional area of underground cable in Autocad
35.	Mrs.A.A.Chandane	Concept Of Leading And Lagging Power Factor Related to Inductors And Capacitors (R-L-C Series circuit)
36.	Mr.Korake D.M.	Presentation on "Fire Fighting Robot Using Android Application"
37.	Mr.Khandekar N.V.	MATLAB Code for Calculation of Reliability Indices in Multimicrogrid Distribution System for reliable operation .
38.	Mrs. Sonali D. Ghodake	Challenges in 21st Century
39.	Ms. S. P. God	PIC Program for Induction Motor
40.	Mr P.B Vyavahare	Reducing harmonics and improving power factor switch mode power supply using Zeta Converter
41.	Mr. A.R. Masal	Multilevel Inverter
42.	Mr. K. P. Jadhav	SS Start up method for IM