



Lokmanya Tilak Jankalyan Shikshan Sanstha's

PRIYADARSHINI COLLEGE OF ENGINEERING

(Recognised by A.I.C.T.E., New Delhi & Govt. of Maharashtra, Affiliated to R.T.M.Nagpur University)

Near CRPF Campus, Hingna Road, Nagpur-440 019, Maharashtra (India)

Phone : 07104 – 236381, 237307, Fax : 07104 – 237681,

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PRIYADARSHANI COLLEGE OF ENGINEERING, NAGPUR

SUMMARY OF COPYRIGHT OF FIVE YEAR

Year	2022-23	2021-22	2020-21	2019-20	2018-19	2017-18
Number	00	09	12	10	17	04
Total	52					

COPYRIGHTS DETAILS

Sr. No	Name of Faculty	Department	Title	Date of Publication	Academic year
1	Dr.(Mrs) Archana Dehankar	Computer Science	Design of Interface based system for mobile devices	23/05/2022	21-22
2	Dr.(Mrs).Snehal S.Golait	Computer Technology	How to Calculate FIRST and FOLLOW	15-03-22	21-22
3	Ms. Priyanka Padmane	Computer Technology	Basic terminologies of theory of Computataion	24-12-21	21-22
4	Ms. Priyanka Padmane	Computer Technology	Regular Set and Grammar	27-12-21	21-22
5	Dr. R. M. Dhoble	Civil Engineering	Preparation on Filter Sand	14/12/2021	21-22
6	Mrs. V. P. Kesalkar	Civil Engineering	Preparation on Filter Sand	14/12/2021	21-22
7	U.B.Malkhandale	Electrical Engineering	Cross puzzle-a novel formative assessment tool For electrical engineering learners	13/01/2021	20-21
8	Dr.R.M.Dhoble, Dr. H.V.Hajare	Civil Engineering	Mathematical modelling for adjustment factor of modified Penman method for reference evapotranspiration	24/06/2021	20-21
9	Mrs B Dharaskar	Computer Science	Smart Vertical Garden	15/07/2021	21-22
10	Mrs B Dharaskar	Computer Science	Online Examination System	15/07/2021	21-22
11	Dr. Nilesh Shelke	Computer Science	Hand Gesture recognition	8/4/2021	20-21
12	Dr. Nilesh Shelke	Computer Science	Karmavyaapaar	7/4/2021	20-21
13	Dr. Nilesh Shelke	Computer Science	Opinion mining from text using ML	8/4/2021	20-21
14	Mrs.S.R.Dhabarde	Computer Science	Lab Manual ICS	20/5/2021	20-21



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15	Mrs.S.R.Dhabarde	Computer Science	Object detection using tensor flow	28/6/2021	20-21
16	Mrs.S.R.Dhabarde	Computer Science	Data Structure program design Lab Manual	16/07/2021	21-22
17	Mrs.Pratibha Waghale	Computer Science	Assembler numerical in system programming	12/6/2021	20-21
18	Dr.R.M.Dhoble, Dr. B.C.Burande and Prof.P.I.Rode	Civil Engineering	Process of conventional water treatment plant (Surface water)	3/09/2020	20-21
19	Prof.P.I.Rode Dr.R.M.Dhoble	Civil Engineering	Methods of building Estimates	9/10/2020	20-21
20	Dr. B.C.Burande	Applied Chemistry	Applications of Extended irreversible thermodynamics to polymer solutions – Areview	07/09/2020	20-21
21	Dr. B.C.Burande	Applied Chemistry	Funding Agencies and proposal writing	03/12/2020	20-21
22	Dr.P.P.Ashtankar	Electronics & Telecommunication Engineering	Copyright on Application based design strategies and simulation of wireless adhoc communication network using intelligent transportation system	03/07/2019	19-20
23	Mangesh R. Shelke	Electrical Engineering	Network analysis laboratory manual	22/08/2019	19-20
24	Mangesh R. Shelke	Electrical Engineering	Power point presentation on "Insulator"	03/10/2019	19-20
25	Dr. Nilesh Shelke	Computer Science	Sentiment Analysis Of Product Reviews	21/12/2019	19-20
26	Dr. V. M. Sonde	Mechanical Engineering	Productivity	19/09/2019	19-20
27	Dr. V. M. Sonde	Mechanical Engineering	Application based design strategies and Simulation of wireless adhoc communication Network using intelligent transportation System	04/09/2019	19-20
28	Dr. V. M. Sonde	Mechanical Engineering	Material Science & Metallurgy	09/09/2019	19-20
29	Dr. Seema Shrivastava	Applied Chemistry	Aluminium contaminate in food items and its impact on health: A study	12/09/2019	19-20



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30	Dr. Priyanka Warnekar	Applied Chemistry	Photocatalytic Investigation for treatment of Dyes & textiles	16/07/2019	19-20
31	Dr. B.C.Burande & Dr.R.M.Dhoble	Applied Chemistry Civil Engineering	Ecofriendly Environment and Green Chemistry	18/03/2019	18-19
32	U.B.Malkhandale	Electrical Engineering	Formation of network matrices by singular Transformation	10/05/2019	18-19
33	Mrs.Rubana Khan	Computer Technology	Introduction to phases of compilers	29-05-19	18-19
34	Mrs L.C.Gupta	Civil Engineering	Introduction to reinforce cement concrete structure	24/04/2019	18-19
35	Ms.Bhagyshri Chelani,Samruddhi Thawri,Piyush Satyan	Civil Engineering	Compaction and Consolidation	30/01/2019	19-20
36	Dr B.C Burande	Applied Chemistry	Refining of crude oil	13/06/2019	18-19
37	Dr.D. S. Hardas	Applied Physics	Analysis of Xray absorption spectroscopic studies of samarium complexes	06/06/2019	18-19
38	Mr.V.V.Panchbhai	Electronics & Telecommunication Engineering	Copy right on Lab Manual of Microprocessor & Mirocontroller	30/05/2019	18-19
39	Mr.C.S. Kamble	Electronics & Power	Environmental Energy (Litarary)	8/10/2018	18-19
40	Dr.Nita Thakare	Computer Technology	Analysis of the research methodologies and line of action for 3D face Recogntion	25-08-18	18-19
41	Mrs.Jyostana Gabhane	Computer Technology	Searching Techniques	25-08-18	18-19
42	Dr. S.A Dhale M. A.Tongo S. A.Shrivastava D. T.Thompsons	Civil Engineering & First Year	Field Data Base modelling of activity of learning language through communication tool	26/09/2018	18-19



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	S.G. Rawat R.M.Janbandhu				
43	Ms.Vaishnavi Ganesh	Computer Science	A Review on Cyber security issues and algorithms for resolving them	07/12/2018	18-19
44	Mrs P.Waghale	Computer Science	Multiplication and division algorithm	11/10/2018	18-19
45	Ms.B.Gautam	Civil Engineering	Application soil washing technique for remediation of soil contaminated with pesticides	23/08/2018	18-19
46	Ms.B.Gautam Mr.Pawan Kamble	Civil Engineering	Development of artificial wetland system for waste water treatment by using duck weed plants an effective method	15/09/2018	18-19
47	Mrs.S.R.Dhabarde	Computer Science	Web Poratal For Teachers Gurdian Scheme	01//09/2018	18-19
48	Dr.V.K.Taksande	Electronics & Telecommunication Engineering	Copyright on implementation and Evaluation of a new MAC 802.11 KT Protocol	31/05/2018	17-18
49	Mrs.Rubana Khan	Computer Technology	Introduction to Syntax Analysis	25-05-18	17-18
50	Mrs.Rubana Khan	Computer Technology	Introduction to Code Optimization	17-11-18	18-19
51	Mrs.S.R.Dhabarde	Computer Science	Software Engineering & Project Management	23/3/2018	17-18
52	Mrs.S.R.Dhabarde	Computer Science	Lab Manual of Object Oriented Programming in C++	25//06/2018	17-18



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SESSION	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17
NUMBER	06	15	09	17	05	Nil
TOTAL=52						



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GRANTED PATENT SUMMARY

SESSION	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17
NUMBER	09	01	02	Nil	Nil	01
TOTAL=13						

PUBLISHED PATENT SUMMARY

SESSION	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17
NUMBER	09	03	11	14	06	03
TOTAL=46						



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LIST OF PATENT PUBLISHED

Sr. No	Session	Name of Faculty	Department	Title	Date of Publication
1	2021-22	Dr.S.A.Dhale	Civil Engineering	Solar operated Desiccant Dryer	10/03/2022
2	2021-22	Dr.S.A.Dhale	Civil Engineering	Three Way Valve	23/03/2022
3	2021-22	Mr. V S Vairagade	Civil Engineering	Three Way Valve	23/03/2022
4	2021-22	Mr. V S Vairagade	Civil Engineering	Pedal operated Mechanism for Sugarcane Juice Extractor Machine	24/11/2021
5	2021-22	Mr. V S Vairagade	Civil Engineering	Three Phase underground Cable Fault Detector and Method Thereof	04/03/2022
6	2021-22	Mr. V S Vairagade	Civil Engineering	Mechanism for loading and Unloading of LPG Cylinder from Vehicle	14/01/2022
7	2021-22	Mr. V S Vairagade	Civil Engineering	Pedal Operated Mechanism for Sugarcane Juice Extractor Machine	18/02/2022
8	2021-22	Dr,U,B, Malkhandale	Electrical Engineering	Fuzzy Edge Detection and Machine Learning based Smart Surveillance and Security System using CNN Algorithm	19/09/2021
9	2021-22	Dr,U,B, Malkhandale	Electrical Engineering	Deep reinforcement learning and software defined network based optimized routing for computer networks	22/10/2021
10	2021-22	Dr.V.G. Umale	Electrical Engineering	A Power system simulator for computing Electrical parameters, prices and their vidulziation	07/02/2022
11	2020-21	Dr. (Mrs) Archana V. Dehankar Dr.(Mrs) Snehal S.Golait	Computer Technology	AWS-Cloud and Google Big Query Data Performance –Improved using Machine and Deep Learning Programming	06-05-21
12	2020-21	Dr.P.S.Prasad	Information Technology	Fastener Lock	20/11/2020
13	2020-21	Ms. S.G. Mungale	Electronics Engineering	Using Central Cornea Thickness to counter Retina Spoofing in Biometric Authentication	14/10/2021
14	2019-20	Dr.(Mrs.) Nita Thakare Mrs. Jyotsana Gabhane Mrs. Rubana Khan	Computer Technology	Automated Inventory Control of Vegetables in Refrigerator and Online Order Placement System	30/08/2019
15	2019-20	Mrs. Rashmi Nimbalkar	Chemical Engineering	Integrative electric power supply to generate electrical energy from sound and solar energy	03/01/2020
16	2019-20	1 . Kazi Syed Zakiuddin		HUMAN POWERED RICE MILL	20-11-2020
17	2019-20	1 . Kazi Syed Zakiuddin 2 . Nitin Sudhakar Sawarkar 3 . Nakul Gangadhar Mahalle		A SYSTEM FOR REQUISITE TORQUE OUTPUT	13-11-2020
18	2019-20	1 . Kazi Syed Zakiuddin		MANUALLY OPERATED CARDING MACHINE	13-11-2020



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		2 . Nakul Gangadhar Mahalle 3 . Nitin Sudhakar Sawarkar		
19	2019-20	1 . Kapil Rambhau Aglawe 2 . Siraj Yakub Sayyad 3 . Sagar Dnyaneshwar Shelare 4 . Pravin Balkrishnaji Khope		SMART WINDOW AIR COOLER 31-01-2020
20	2019-20	1 . Vivek G. Parhate 2 . Pravin Balkrishnaji Khope		PHYSIOTHERAPY TRACTION TABLE WITH ADJUSTABLE TRACTION ANGLE IN COMBINATION WITH TILT AND CHAIR FORM FOR OPTIMAL PERFORMANCE 24-01-2020
21	2019-20	K.S.ZAKIUDDIN		HUMAN ENERGIZED FODDER CHOPPER 08-07-2011
22	2019-20	1 . Dr Chandreshekhar Nilkanthrao Sakhale 2 . Dr. Subhash N. Waghmare 3 . Prof. Nilesh R. Pathare 4 . Prof. Prerna .S.Borkar 5 . Prof. Kunal P. Mudafale 6 . Prof. Vishal Kaushik 7 . Prof. Vijaykumar S. Shende 8 . Prof. Munindra S. Matey 9 . Prof. Shrikant M. Awatade 10 . Prof. Piyush M. Sirsat 11 . Prof. Sonam V. Sonatakke 12 . Prof. Chetan K. Tembhurkar		MULTIPURPOSE PROCESSING MACHINE FOR BAMBOO STICKS 16-08-2019
23	2019-20	1 . KAZI SYED ZAKIUDDIN		OIL EXPELLER POWERED BY FLYWHEEL MOTOR 19-07-2019



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		2 . SIRAJ MOHAMMAD ALI SHEIKH 3 . MOHAMMAD SOHAIL PERVEZ			
24	2018-19	1 . Ketan Sanjay Mowade 2 . Dr. Subhash Namdeo Waghmare		VORTEX TUBE	10-05-2019
25	2018-19	1 . Mr. Krunal Mudafale 2 . Mr. Vishal Kaushik 3 . Dr. Chandrashekhar Nilkhanthrao Sakhale 4 . Mr. Pravin Jadhav 5 . Mr. Shrikant M Awatade 6 . Mr. Anand Nilewar 7 . Dr. Prafulla Choudhari 8 . Mr. Suraj Ghiwe		CORN STALK REMOVING MACHINE	19-04-2019
26	2018-19	1 . Himanshu Kishor Dhande 2 . Pravin Balkrishnaji Khope		A SOLAR OPERATED APPARATUS FOR GRAIN DRYING	01-03-2019
27	2018-19	1 . Subhash Namdeorao Waghmare 2 . Chetan Kishor Tembhurkar 3 . Pravin Balkrishnaji Khope		MULTI GRAIN FILTRATION MACHINE	01-03-2019
28	2018-19	1 . Satish Pandharinath Lokhande 2 . Imran Ahemad Khan 3 . Harsh Kumar Dubey 4 . Pravin Balkrushana Khope 5 . Rajat Gulabrao Kawalkar 6 . Nihal Anandrao Tandekar 7 . Nikhil Vilas Chapple 8 . Samish Mahendra Fale		NUTRI-METALLIC CLAY-WARE	23-11-2018
29	2018-19	1 . Amol Bhumeshwar Ukey 2 . Chandrashekhar Nilkanth Sakhale 3 . Sagar Dnyaneshwar Shelare 4 . Pravin Balkrishnaji Khope		INTEGRATED PLOUGHING AND SOWING OPERATION MACHINE	24-08-2018



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30	2018-19	1 . Dr.J.P.Modak 2 . Dr.M.P.Singh 3 . Dr.P.R.Rothe 4 . Dr.S.S.Shriramwar 5 . Dr.Mrs.S.W.Varade 6 . Dr.K.B.Porate 7 . Mr.U.E.Hiwase 8 . Ms. B.Shikkewal 9 . Mrs.P.U.Chati 10 . Mr.P.A.Ashtankar 11 . Mrs.A.S.Khobragade 12 . Mrs. A.P.Khandait 13 . Mr.M.S.Giripunge 14 . Mr.Akshay Pachpor		PROCESS FOR ENERGIZING THE PROCESS MACHINE BY INVERTER FED MOTORS	13-07-2018
31	2018-19	Dr. Mrs. S.W. Varade Dr. Mrs. A.P. Rathkantiwar	Electronics & Telecommunication Engineering	1.System For Monitoring and Communication of vibration Signature of Bearings	17/09/2018
32	2018-19	Dr. V.K. Taksande	Electronics & Telecommunication Engineering	2.New 802.11 KT MAC Protocol for Ad-hoc Network in wireless Communication	14/06/2018
33	2018-19	Mrs. P.U. Chati	Electronics & Telecommunication Engineering	3.Process for Energising the process machine by inverter fed motors	13/07/2018
34	2018-19	Ms. V.G. Nasare	Electronics & Telecommunication Engineering	4.Solar Film based device foe reducing the evaporation rate	05/10/2018
35	2018-19	Ms. V.G. Nasare	Electronics & Telecommunication Engineering	5.Brushless DC motor based smart solar air cooler	02/11/2018
36	2018-19	Dr.A.P.Rathkantiwar. Mrs.Y.A.Nafde Mrs.P.U.Chati	Electronics & Telecommunication Engineering	1.Electronic circuit for Elimination of Flywheel from the plant of a Process Machine	06/04/2018
37	2018-19	Dr.J.P.Modak Dr. M.P Singh	Mechanical Engineering	Process for energizing the process machine by inverter fed motors	13/07/2018
38	2018-19	Dr.S.S.Shriramwar Dr. P.R. Rothe	Electronics Engineering	Feedback control system for controlling Tak up travel time of Belt Conveyor.	10/03/2018
39	2017-18	1 . Dr. Jayant Pandurang Modak 2 . Dr. Mahendra Prasad Singh 3 . Dr. Mrs. A. P. Rathkantiwar 4 . Dr. Mrs. M. V. Vyawahare		ELECTRONIC CIRCUIT FOR ELIMINATION OF A FLYWHEEL FROM THE PLANT OF A PROCESS MACHINE	06-04-2018



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		5 . Mrs. Y. A. Nafde 6 . Mrs. Punam Umesh Chati 7 . Ms. S. G. Mungale 8 . Dr. G. D. Mehta 9 . Mr. A. Pachpor 10 . Mr. Manish Shyamrao Giripunje			
40	2017-18	1 . Dr. Jayant Pandurang Modak 2 . Dr. Mahendra Prasad Singh 3 . Dr. Shashank. Shankarrao Shriramwar 4 . Dr. Suchita Wasudeo Varade 5 . Dr. Anuradha Radhakistaiah Kondelwar 6 . Mrs.Punam Umesh Chati 7 . Akshay Anant Pachpor 8 . Dr. Prashant Ramchandra Rothe 9 . Manish Shyamrao Giripunje 10 . Vrushali Ghanshyam Nasre		FEEDBACK CONTROL SYSTEM FOR LIMITING BELT TAKE UP TRAVEL OF BELT CONVEYOR	16-03-2018
41	2017-18	1 . Sagar Dnyaneshwar Shelare 2 . Pravin Balkrishnaj Khope		HAND OPERATED CHAROLI NUT (BUCHANANIA LANZAN) DESHELLING MACHINE	23-02-2018
42	2017-18	Ms.Krutika Sapkal	Computer Technology	English to Marathi Transliteration	08-09-17
43	2017-18	Dr.(Mrs) S.W.Varade Dr.(Mrs) A.R.Kondelwar Mrs.P.U.Chati Ms.V.G.Nasre	Electronics & Telecommunication Engineering	2.Feed Back control system for limiting belt take up travel of belt conveyor	21/11/2017
44	2017-18	Dr.S.S.Shriramwar Dr. P.R. Rothe Mrs.A.P. Khandait Mrs.A.S.Khobragade	Electronics Engineering	Improvement in present technique of energizing process machine by inverter fed motors.	13/07/2018
45	2016-17	Dr. J.P. Modak Dr. Girish Devilal Menta Mr. Akshay Anant Pachpor		Tricycle operated insecticide spraying machine	07-01-2016
46	2016-17	Dr. M.P. Singh		PORTABLE BRIQUETTE MAKING MACHINE	24/03/2017
47	2016-17	Dr.S.P.Muley	Electronics Power	Single Stage Drive for Three phase solar drive	09/01/2016