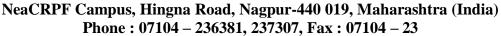


## PRIYADARSHINI COLLEGE OF ENGINEERING

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## PATENT PUBLISHED SUMMARY (LAST THREE YEARS)

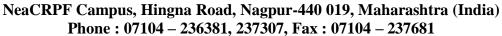
SESSION	2024-25	2023-24	2022-23	2021-22	
NUMBER		11	08	09	
	TOTAL=28				

Principal
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## LIST OF PATENT PUBLISHED/FILED ( LAST FIVE YEARS)

Sr. No	Sr	Session	Name of Faculty	Department	Title	Date of Publication
1	1	2022-23	Dr Soni Chaturvedi	Electronics and communication	Reconfigurable frequency based modulation system using GNUradio	10-03-23
2	2	2022-23	Dr Sumita Rao	Chemistry ( First year)	Strain removal Composition	15/02/23
	3	2022-23	Mrs. Sayali P Ramteke	Chemistry ( First year)	Strain removal Composition	15/02/23
	4	2022-23	Ms. Nazneen Kahn	Chemistry ( First year)	Strain removal Composition	15/02/23
	5	2022-23	Ms Kejal Chetty	Chemistry (First year)	Strain removal Composition	15/02/23
3	6	2021-22	Dr.S.A.Dhale	Civil Engineering	Solar operated Desiccant Dryer	10/03/2022
	7	2021-22	Dr.S.A.Dhale	Civil Engineering	Three Way Valve	23/03/2022
4	8	2021-22	Mr. V S Vairagade	Civil Engineering	Three Way Valve	23/03/2022
5	9	2021-22	Mr. V S Vairagade	Civil Engineering	Pedal operated Mechanism for Sugarcane Juice Extractor Machine	24/11/2021
6	10	2021-22	Mr. V S Vairagade	Civil Engineering	Three Phase underground Cable Fault Detector and Method Thereof	04/03/2022
7	11	2021-22	Mr. V S Vairagade	Civil Engineering	Mechanism for loading and Unloading of LPG Cylinder from Vehicle	14/01/2022
8	12	2021-22	Dr,U,B, Malkhandale	Electrical Engineering	Fuzzy Edge Detection and Machine Learning based Smart Surveillance and	19/09/2021

					Security System using	
					CNN Algorithm	
9	13	2021-22	Dr,U,B,	Electrical	Deep reinforcement	22/10/2021
			Malkhandale	Engineering	learning and software	
					defined network based	
					optimized routing for	
					computer networks	
10	14	2021-22	Dr.V.G. Umale	Electrical	A Power system	07/02/2022
				Engineering	simulator for computing	
					Electrical parameters,	
					prices and their	
11	1.5	2020.21	Du D C Duo o o d	Information	viduslization	
11	15	2020-21	Dr.P.S.Prasad		Fastener Lock	20/11/2020
10	16	2020.21	Ma C.C. Munacia	Technology	Haina Cantual Camaa	14/10/2021
12	16	2020-21	Ms. S.G. Mungale	Electronics	Using Central Cornea	14/10/2021
				Engineering	Thickness to counter	
					Retina Spoofing in Biometric	
					Authentication	
13	17	2020-21	Dr.Mrs.S.W.Varade	Electronics &	Multi Spike and Soft	01/01/2021
13	1 /	2020-21	1.1v115.5. vv. v at aue	Telecommunicat	spring tension based	01/01/2021
				ion Engineering	ambulatory EEG	
				ion Engineering	Electrodes	
	18	2019-20	Dr.(Mrs.) Nita	Computer	Automated Inventory	30/08/2019
14	10	2017 20	Thakare	Technology	Control of Vegetables	30/00/2017
14			Thakare	reemiology	in Refrigerator and	
					Online Order Placement	
					System	
	19	2019-20	Mrs. Jyotsana	Computer	Automated Inventory	30/08/2019
			Gabhane	Technology	Control of Vegetables	
					in Refrigerator and	
					Online Order Placement	
					System	
15	20	2019-20	Mrs. Rubana Khan	Chemical	Integrative electric	03/01/2020
				Engineering	power supply to	
					generate electrical	
					energy from sound and	
					solar energy	00/01/25
16	21	2019-20	Mrs. Rashmi	Chemical	Integrative electric	03/01/2020
			Nimbalkar	Engineering	power supply to	
					generate electrical	
					energy from sound and	
15	22	2010.20	V : C 1	Ma-1 1	solar energy	
17	22	2019-20	Kazi Syed	Mechanical	Human powered rice	20-11-2020
10	22	2010.20	Zakiuddin	Engineering	mill	
18	23	2019-20	Kazi Syed	Mechanical	A system for requisite	13-11-2020
	24	2010.20	Zakiuddin	Engineering	torque output	
10	24	2019-20	Nitin Sudhakar	Mechanical	A system for requisite	13-11-2020
19	25	2010.20	Sawarkar	Engineering	torque output	
	25	2019-20	Nakul Gangadhar	Mechanical	A system for requisite	13-11-2020

			Mahalle	Engineering	torque output	
	26	2019-20		Mechanical	• •	
20	20	2019-20	Kazi Syed Zakiuddin		Manually operated carding machine	13-11-2020
20	27	2010.20		Engineering	ŭ	
	27	2019-20	Nitin Sudhakar	Mechanical	Manually operated	13-11-2020
	20	2010 20	Sawarkar	Engineering	carding machine	
	28	2019-20	Nakul Gangadhar	Mechanical	Manually operated	13-11-2020
21	20	2010 20	Mahalle	Engineering	carding machine	
21	29	2019-20	Kapil Rambhau	Mechanical	Smart window air	31-01-2020
	•	2010 20	Aglawe	Engineering	cooler	
	30	2019-20	Siraj Yakub Sayyad	Mechanical	Smart window air	31-01-2020
				Engineering	cooler	
	31	2019-20	Sagar Dnyaneshwar	Mechanical	Smart window air	31-01-2020
			Shelare	Engineering	cooler	21 01 2020
	32	2019-20	Pravin Balkrishnaji	Mechanical	Smart window air	31-01-2020
			Khope	Engineering	cooler	31 01 2020
22	33	2019-20	Vivek G.	Mechanical	Physiotherapy traction	
			Parhate	Engineering	table with adjustable	
					traction angle in	24-01-2020
					combination with tilt	24-01-2020
					and chair form for	
					optimal performance	
	34	2019-20	Pravin Balkrishnaji	Mechanical	Physiotherapy traction	
			Khope	Engineering	table with adjustable	
					traction angle in	24-01-2020
					combination with tilt	24-01-2020
					and chair form for	
					optimal performance	
23	35	2019-20	K.S.ZAKIUDDIN	Mechanical	Human energized	00 07 2011
				Engineering	fodder chopper	08-07-2011
24	36	2019-20	Dr Chandreshekhar	Mechanical	Multipurpose	16 09 2010
			Nilkanthrao	Engineering	processing machine for	16-08-2019
			Sakhale		bamboo sticks	
	37	2019-20	Dr. Subhash N.	Mechanical	Multipurpose	
			Waghmare	Engineering	processing machine for	16-08-2019
					bamboo sticks	
	38	2019-20	Prof. Nilesh R.	Mechanical	Multipurpose	
			Pathare	Engineering	processing machine for	16-08-2019
				2 2	bamboo sticks	
	39	2019-20	Prof.	Mechanical	Multipurpose	
			Prerna .S.Borkar	Engineering	processing machine for	16-08-2019
				<i>3 3 9</i>	bamboo sticks	
	40	2019-20	Prof. Kunal P.	Mechanical	Multipurpose	
	10		Mudafale	Engineering	processing machine for	16-08-2019
					bamboo sticks	
	41	2019-20	Prof. Vishal	Mechanical	Multipurpose	
	11	2017 20	Kaushik	Engineering	processing machine for	16-08-2019
			TAUGSTIIK	Liiginooring	bamboo sticks	10 00 2017
	42	2019-20	Prof. Vijaykumar S.	Mechanical	Multipurpose	
	74	2017-20	Shende	Engineering	processing machine for	16-08-2019
		1	Shehue	Engineering	processing machine for	

					bamboo sticks	
	42	2010.20	Doof Marria 1 C	Ma-11		
	43	2019-20	Prof. Munindra S.	Mechanical	Multipurpose	16.00.2010
			Matey	Engineering	processing machine for	16-08-2019
	4.4	2010.20	D C (1 . 1 3.4	M. 1 ' 1	bamboo sticks	
	44	2019-20	Prof. Shrikant M.	Mechanical	Multipurpose	16.00.2010
			Awatade	Engineering	processing machine for	16-08-2019
		2010 20	D 0.71 1.75		bamboo sticks	
	45	2019-20	Prof. Piyush M.	Mechanical	Multipurpose	
			Sirsat	Engineering	processing machine for	16-08-2019
					bamboo sticks	
	46	2019-20	Prof. Sonam V.	Mechanical	Multipurpose	
	40	2019-20	Sonatakke			16-08-2019
			Sonatakke	Engineering	processing machine for	10-08-2019
	47	2010.20	D C Cl + IZ	N/ 1 ' 1	bamboo sticks	
	47	2019-20	Prof. Chetan K.	Mechanical	Multipurpose	16.00.2010
			Tembhurkar	Engineering	processing machine for	16-08-2019
25	40	2010.20	TZ 1 G 1	36 1 1 1	bamboo sticks	
25	48	2019-20	Kazi Syed	Mechanical	Oil expeller powered by	19-07-2019
	40	2010 20	Zakiuddin	Engineering	flywheel motor	
	49	2019-20	. Siraj Mohammad	Mechanical	Oil expeller powered by	19-07-2019
			Ali Sheikh	Engineering	flywheel motor	
	50	2019-20	Mohammad Sohail	Mechanical	Oil expeller powered by	19-07-2019
		2010.20	Pervez	Engineering	flywheel motor	
26	51	2019-20	Dr. G. M. Asutkar	AI&DS	Intruder Motion	19/07/2019
		2010 10			Detected system	15, 0,, 2015
27	52	2018-19	Ketan Sanjay Mowade	Mechanical Engineering	Vortex tube	10-05-2019
	53	2018-19	Dr. Subhash Namdeo	Mechanical	1	
	33	2010 19	Waghmare	Engineering	Vortex tube	10-05-2019
28	54	2018-19	Mr. Krunal Mudafale	Mechanical	Corn stalk removing	19-04-2019
		2010 10	26 77 1 177 171	Engineering	machine	17 04 2017
	55	2018-19	Mr. Vishal Kaushik	Mechanical	Corn stalk removing	19-04-2019
	56	2018-19	Dr. Chandrashekhar	Engineering Mechanical	machine Corn stalk removing	
	30	2010 17	Nilkhanthrao Sakhale	Engineering	machine	19-04-2019
	57	2018-19	Mr. Pravin Jadhav	Mechanical	Corn stalk removing	19-04-2019
				Engineering	machine	17-04-2017
	58	2018-19	Mr. Shrikant M	Mechanical	Corn stalk removing	19-04-2019
	59	2018-19	Awatade Mr. Anand Nilewar	Engineering Mechanical	machine Corn stalk removing	
	39	2010-17	m. Anana miewai	Engineering	machine	19-04-2019
	60	2018-19	Dr. Prafulla Choudhari	Mechanical	Corn stalk removing	19-04-2019
				Engineering	machine	17-04-2019
	61	2018-19	Mr. Suraj Ghiwe	Mechanical	Corn stalk removing	19-04-2019
20	62	2018-19	Himanshu Kishor	Engineering Mechanical	machine A solar operated apparatus	
29	62	2010-19	Dhande Rishor	Engineering	for grain drying	01-03-2019
	63	2018-19	Pravin Balkrishnaji	Mechanical	A solar operated apparatus	01 02 2010
			Khope	Engineering	for grain drying	01-03-2019
30	64	2018-19	Subhash Namdeorao	Mechanical	Multi grain filtration	01-03-2019
		2010 10	Waghmare	Engineering	machine	01 02 2017
	65	2018-19	Chetan Kishor Tembhurkar	Mechanical Engineering	Multi grain filtration machine	01-03-2019
	<u> </u>		1 CHIUHUI KAI	Lugmening	шасинс	

	66	2018-19	Pravin Balkrishnaji Khope	Mechanical Engineering	Multi grain filtration machine	01-03-2019
31	67	2018-19	Satish Pandharinath Lokhande	Mechanical Engineering	Nutri-metallic clay-ware	23-11-2018
	68	2018-19	2 . Imran Ahemad Khan	Mechanical Engineering	Nutri-metallic clay-ware	23-11-2018
	69	2018-19	3 . Harsh Kumar Dubey	Mechanical Engineering	Nutri-metallic clay-ware	23-11-2018
	70	2018-19	4 . Pravin Balkrushana Khope	Mechanical Engineering	Nutri-metallic clay-ware	23-11-2018
	71	2018-19	5 . Rajat Gulabrao Kawalkar	Mechanical Engineering	Nutri-metallic clay-ware	23-11-2018
	72	2018-19	6 . Nihal Anandrao Tandekar	Mechanical Engineering	Nutri-metallic clay-ware	23-11-2018
	73	2018-19	7 . Nikhil Vilas Chaple	Mechanical Engineering	Nutri-metallic clay-ware	23-11-2018
	74	2018-19	8 . Samish Mahendra Fale	Mechanical Engineering	Nutri-metallic clay-ware	23-11-2018
32	75	2018-19	1 . Amol Bhumeshwar Ukey	Mechanical Engineering	Integrated ploughing and sowing operation machine	24-08-2018
	76	2018-19	2 . Chandrashekhar Nilkanth Sakhale	Mechanical Engineering	Integrated ploughing and sowing operation machine	24-08-2018
	77	2018-19	3 . Sagar Dnyaneshwar Shelare	Mechanical Engineering	Integrated ploughing and sowing operation machine	24-08-2018
	78	2018-19	4 . Pravin Balkrishnaji Khope	Mechanical Engineering	Integrated ploughing and sowing operation machine	24-08-2018
33	79	2018-19	1 . Dr.J.P.Modak	Mechanical Engineering,	Process for energizing the process machine by inverter fed motors	13-07-2018
	80	2018-19	2 . Dr.M.P.Singh	Mechanical Engineering,	Process for energizing the process machine by inverter fed motors	13-07-2018
	81	2018-19	3 . Dr.P.R.Rothe	Electronics & Telecommunication Engineering	Process for energizing the process machine by inverter fed motors	13-07-2018
	82	2018-19	4 . Dr.S.S.Shriramwar	Electronics & Telecommunication Engineering	Process for energizing the process machine by inverter fed motors	13-07-2018
	83	2018-19	5 . Dr.Mrs.S.W.Varade	Electronics & Telecommunication Engineering	Process for energizing the process machine by inverter fed motors	13-07-2018
	84	2018-19	6 . Dr.K.B.Porate	Electrical Engineering	Process for energizing the process machine by inverter fed motors	13-07-2018
	85	2018-19	7 . Mr.U.E.Hiwase	Electrical Engineering	Process for energizing the process machine by inverter fed motors	13-07-2018
	86	2018-19	8 . Ms. B.Shikkewal	Electrical Engineering	Process for energizing the process machine by inverter fed motors	13-07-2018
	87	2018-19	9 . Mrs.P.U.Chati	Electronics Engineering	Process for energizing the process machine by inverter fed motors	13-07-2018
	88	2018-19	10 . Mr.P.A.Ashtankar	Mechanical Engineering,	Process for energizing the process machine by inverter fed motors	13-07-2018
	89	2018-19	11 . Mrs.A.S.Khobragade	Electronics Engineering	Process for energizing the process machine by inverter fed motors	13-07-2018

	90	2018-19	12 . Mrs. A.P.Khandait		Process for energizing the	
				Electronics Engineering	process machine by inverter fed motors	13-07-2018
	91	2018-19	13 . Mr.M.S.Giripunge	Electronics & Telecommunication Engineering	Process for energizing the process machine by inverter fed motors	13-07-2018
	92	2018-19	14 . Mr.Akshay Pachpor	Mechanical Engineering	Process for energizing the process machine by inverter fed motors	13-07-2018
34	93	2018-19	Dr. Mrs. S.W. Varade	Electronics & Telecommunication Engineering	System For Monitoring and Communicati on of vibration Signature of Bearings	17/09/2018
	94	2018-19	Dr. Mrs. A.P. Rathkanthiwar	Electronics & Telecommunication Engineering	System For Monitoring and Communicati on of vibration Signature of Bearings	17/09/2018
35	95	2018-19	Dr. V.K. Taksande	Electronics & Telecommunication Engineering	New 802.11 KT MAC Protocol for Ad-hoc Network in wireless Communication	14/06/2018
36	96	2018-19	Ms. V.G. Nasare	Electronics & Telecommunication Engineering	Solar Film based device foe reducing the evaporation rate	05/10/2018
37	97	2018-19	Ms. V.G. Nasare	Electronics & Telecommunication Engineering	.Brushless DC motor based smart solar air cooler	02/11/2018
38	98	2018-19	Dr.A.P.Rathkantiwar.	Electronics & Telecommunication Engineering	Electronic circuit for Elimination of Flywheel from the plant of a Process Machine	06/04/2018
	99	2018-19	Mrs.Y.A.Nafde	Electronics & Telecommunication Engineering	Electronic circuit for Elimination of Flywheel from the plant of a Process Machine	06/04/2018
	100	2018-19	Mrs.P.U.Chati	Electronics & Telecommunication Engineering	Electronic circuit for Elimination of Flywheel from the plant of a Process Machine	06/04/2018
39	101	2018-19	Dr.J.P.Modak	Mechanical Engineering	Process for energizing the process machine by inverter fed motors	13/07/2018
	102	2018-19	Dr. M.P Singh	Mechanical Engineering	Process for energizing the process machine by inverter fed motors	13/07/2018
40	103	2018-19	Dr.S.S.Shriramwar	Electronics Engineering	Feedback control system for controlling Tak up travel time of Belt Conveyor.	10/03/2018
	104	2018-19	Dr. P.R. Rothe	Electronics Engineering	Feedback control system for controlling Tak up travel time of Belt Conveyor.	10/03/2018
41	105	2018-19	1 . Dr. Jayant Pandurang Modak	Mechanical Engineering	Electronic circuit for Elimination of Flywheel from the plant of a Process Machine	06-04-2018
	106	2018-19	2 . Dr. Mahendra Prasad Singh	Mechanical Engineering	Electronic circuit for Elimination of Flywheel	06-04-2018

					from the plant of a Process	
	107	2018-19	3 . Dr. Mrs. A. P. Rathkanthiwar	Electronics Engineering	Machine  Electronic circuit for Elimination of Flywheel from the plant of a Process Machine	06-04-2018
	108	2018-19	4 . Dr. Mrs. M. V. Vyawahare	Electronics Engineering	Electronic circuit for Elimination of Flywheel from the plant of a Process Machine	06-04-2018
	109	2018-19	5 . Mrs. Y. A. Nafde	Electronics Engineering	Electronic circuit for Elimination of Flywheel from the plant of a Process Machine	06-04-2018
	110	2018-19	6 . Mrs. Punam Umesh Chati	Electronics Engineering	Electronic circuit for Elimination of Flywheel from the plant of a Process Machine	06-04-2018
	111	2018-19	7 . Ms. S. G. Mungale	Mechanical Engineering	Electronic circuit for Elimination of Flywheel from the plant of a Process Machine	06-04-2018
	112	2018-19	8 . Dr. G. D. Mehta	Mechanical Engineering	Electronic circuit for Elimination of Flywheel from the plant of a Process Machine	06-04-2018
	113	2018-19	9 . Mr. A. Pachpor	Mechanical Engineering,	Electronic circuit for Elimination of Flywheel from the plant of a Process Machine	06-04-2018
	114	2018-19	10 . Mr. Manish Shyamrao Giripunje	Electronics & Telecommunication Engineering	Electronic circuit for Elimination of Flywheel from the plant of a Process Machine	06-04-2018
42	115	2018-19	1 . Dr. Jayant Pandurang Modak	Mechanical Engineering	Feedback control system for controlling Tak up travel time of Belt Conveyor.	16-03-2018
-	116	2018-19	2 . Dr. Mahendra Prasad Singh	Mechanical Engineering	Feedback control system for controlling Tak up travel time of Belt Conveyor.	16-03-2018
	117	2018-19	3 . Dr. Shashank. Shankarrao Shriramwar	Electronics Engineering	Feedback control system for controlling Tak up travel time of Belt Conveyor.	16-03-2018
	118	2018-19	4 . Dr. Suchita Wasudeo Varade	Electronics & Telecommunication Engineering	Feedback control system for controlling Tak up travel time of Belt Conveyor.	16-03-2018
	119	2018-19	5 . Dr. Anuradha Radhakistaiah Kondelwar	Electronics & Telecommunication Engineering	Feedback control system for controlling Tak up travel time of Belt Conveyor.	16-03-2018
	120	2018-19	6 . Mrs.Punam Umesh Chati	Electronics Engineering	Feedback control system for controlling Tak up travel time of Belt Conveyor.	16-03-2018
	121	2018-19	7 . Akshay Anant Pachpor	Electronics Engineering	Feedback control system for controlling Tak up travel time of Belt Conveyor.	16-03-2018
	122	2018-19	8 . Dr. Prashant Ramchandra Rothe	Electronics Engineering	Feedback control system for controlling Tak up travel time of Belt Conveyor.	16-03-2018

	123	2018-19	9 . Manish Shyamrao	Electronics &	Feedback control system for	
	123	2010-19	Giripunje	Telecommunication	controlling Tak up travel	16-03-2018
			Giripunje	Engineering	time of Belt Conveyor.	10-03-2010
		2018-19	10 . Vrushali	Electronics	Feedback control system for	
	124	2016-19	Ghanshyam Nasre	Engineering		16-03-2018
	124		Ghanshyam Nasre	Engineering	controlling Tak up travel	10-03-2018
- 12			1 0 0 1	34 1 1 1	time of Belt Conveyor.	
43	107	2017 10	1 . Sagar Dnyaneshwar	Mechanical	Hand operated charoli nut	22.02.2010
	125	2017-18	Shelare	Engineering	(Buchanania Lanzan)	23-02-2018
					deshelling machine	
	126		2 . Pravin Balkrishnaji	Mechanical	Hand operated charoli nut	
		2017-18	Khope	Engineering	( Buchanania Lanzan )	23-02-2018
					deshelling machine	
44	127	2017-18	Ms.Krutika Sapkal	Computer	English to Marathi	08-09-17
		2017-10		Technology	Transliteration	
45	128		Dr.(Mrs) S.W.Varade	Electronics &	2.Feed Back control system	
		2017-18	Dr.(Wirs) S. w. varade	Telecommunication	for limiting belt take up	21/11/2017
				Engineering	travel of belt conveyor	21/11/2017
	129		Dr.(Mrs)	Electronics &	2.Feed Back control system	
		2017-18	A.R.Kondelwar	Telecommunication	for limiting belt take up	
				Engineering	travel of belt conveyor	21/11/2017
	130	†		Electronics &	2.Feed Back control system	
	130	2017-18	Mrs.P.U.Chati	Telecommunication	for limiting belt take up	
		2017-10		Engineering	travel of belt conveyor	21/11/2017
	131			Electronics &	2.Feed Back control system	
	131	2017-18	Ms.V.G.Nasre	Telecommunication		
		2017-18	Ms. v.G.Nasie		for limiting belt take up	21/11/2017
	122			Engineering	travel of belt conveyor	12/07/2010
46	132			T1 .	Improvement in present	13/07/2018
		2017-18	Dr.S.S.Shriramwar	Electronics	technique of energizing	
				Engineering	process machine by inverter	
					fed motors.	
	133				Improvement in present	13/07/2018
		2017-18	Dr. P.R. Rothe	Electronics	technique of energizing	
		2017 10	Di. i .it. Itoliic	Engineering	process machine by inverter	
					fed motors.	
	134				Improvement in present	13/07/2018
		2017-18	Mrs.A.P. Khandait	Electronics	technique of energizing	
		2017-16	Wirs.A.r. Kilalidari	Engineering	process machine by inverter	
					fed motors.	
	135				Improvement in present	13/07/2018
		2017 19	Mus A C VI shapes de	Electronics	technique of energizing	
		2017-18	Mrs.A.S.Khobragade	Engineering	process machine by inverter	
					fed motors.	
47	136			Mechanical		
• •		2016-17	Dr. J.P. Modak	Engineering,	Tricycle operated insecticide	
		2010 17	21.011.11100011	28	spraying machine	07-01-2016
	137			Mechanical		0.01200
	137	2016-17	Dr. Girish Devilal	Engineering,	Tricycle operated insecticide	
		2010-17	Mehta	Lingilloning,	spraying machine	07-01-2016
	138	+		Mechanical		07 01 2010
	130	2016-17	Mr. Akshay Anant	Engineering,	Tricycle operated insecticide	
		2010-17	Pachpor	Engineering,	spraying machine	07-01-2016
40	120	+	-	Manharited	1 2 2	07-01-2010
48	139	2016 17	D. MD C. 1	Mechanical	Portable briquette making	
		2016-17	Dr. M.P. Singh	Engineering,	machine	24/02/2017
				İ	İ	24/03/2017
					a a – .	
49	140	2016-17	Dr.S.P.Muley	Electronics Power	Single Stage Drive for Three phase solar drive	09/01/2016

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