



PRIYADARSHINI COLLEGE OF ENGINEERING



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NeaCRPF Campus, Hingna Road, Nagpur-440 019, Maharashtra (India) Phone : 07104 – 236381, 237307, Fax : 07104 – 237681,

PATENT GRANTED SUMMARY (LAST THREE YEARS)

SESSION	2022-23	2021-22	2020-21	2019-20
NUMBER	03	07	04	02
	TOTAL=16			

PATENT GRANTED SUMMARY (LAST FIVE YEARS)

SESSION	2022-23	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17
NUMBER	03	07	04	02	00	00	01
	TOTAL=17						

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List of Patent Granted (Last three years and current year)						
Sr. No.	Year	Name of Inventors	Dept	Title of Patent	Date of Granted	Patent Number
1	22-23	Dr Yogita Nafde	Electronics and Telecommunication	A radio Frequency micro-electromechanical System	08/02/23	420854
2	22-23	Dr Yogita Nafde	Electronics and Telecommunication	A radio Frequency micro electromechanical System (R F MEMS) switch	18/10/22	409214
3	22-23	Dr Bharti C Burande	Chemistry (First Yr)	Green Bio –polymer and method of preparation thereof	12/09/22	406373
4	21-22	Dr.VivekP. Bhange	Chemical	Adhesive Incorporating Non Bio-Degradable Cellulosic Waste	20/04/22	395012
5	21-22	Dr. M. D. Mehare	Applied Physics	Synthesis of Blue-emitting Eu^{2+} activated $\text{Ca}_3\text{Al}_2\text{O}_6$ Down Conversion Phosphor for White Light Emitting Diodes	01/10/21	378533

6	21-22	Dr. M. D. Mehare,	Applied Physics	Process for Synthesis of Eu ²⁺ activated K ₆ Ca ₄ (SO ₄) ₆ F ₂ Down conversion Phosphor for White light Emitting Diode	17/09/21	377219
7	21-22	Mr. Satish Lokhande	Mechanical	Modular paddle cart with steering mechanism	30/04/21	365845
8	20-21	Dr.(Mrs).S.W.Varade	ET Department	A disposable paper spittoon with a reusable plastic attachment	13/05/21	366619
9	20-21	Dr. LeenaPatil	CSE Dept	A machine learning based system for enhancing Computer Network Security	27/10/21	2021105383
10	20-21	1. Dr.(Mrs.) ArchanaDehankar 2. Dr.(Mrs.) SnehalS.Golait 3Dr P.M.Chaudhari& 4.Dr. A.V.Potnurwar	CT Department IT Department	AWS-Cloud and Google Big Query Data Performance – Improved using Machine and Deep Learning Programming	Australian Govt. 21/04/21	2021101128
11	20-21	1.Dr.Kazi Syed Zakiuddin	Mechanical Engineering	A Manually Operated Carding Machine	Australian Govt IP ,02/12/2021	Application number :201921018928
12	19-20	Mrs. Bhagyashree Dharaskar,	CSE deptt,	An Automated Apparatus for Etherification of Liquid-Liquid System	28/10/ 20	350334
13	19-20	Dr.Kazi Syed Zakiuddin	Mechanical	Human energized fodder chopper	15/11/2019	325172

List of Design registered (Last three years)

Sr. No.	Year	Name of Inventors	Dept	Title of Patent	Date of Granted	Patent Number
1	21-22	Dr Chandrashekhhar Sakhale Dr Shrikrishna A Dhale	Mech Civil	Solar operated desiccant Dryer	25-05-22	360240-001
2	21-22	Dr. NitaThakre Dr Anuradha Kondalwar Mrs. Jyotsna P Gabhane	CT Dept	Wearable pregnancy monitoring appatus	18/01/22	110758
3	21-22	Roman Motiram Janbandu	Humanity dept (First year)	Electric tooth brush	18/03/22	114538


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List of Patent Granted (Last Five years)

Sr. No.	Year	Name of Inventors	Dept	Title of Patent	Date of Granted	Patent Number
1	22-23	Dr Yogita Nafde	Electronics and Telecommunication	A radio Frequency micro-electromechanical System	08/02/23	420854
2	22-23	Dr Yogita Nafde	Electronics and Telecommunication	A radio Frequency micro electromechanical System (R F MEMS) switch	18/10/22	409214
3	22-23	Dr Bharti C Burande	Chemistry (First Yr)	Green Bio –polymer and method of preparation thereof	12/09/22	406373
4	21-22	Dr.VivekP. Bhange	Chemical	Adhesive Incorporating Non Bio-Degradable Cellulosic Waste	20/04/2022	395012
5	20-21	Mr. Satish Lokhande	Mechanical	Modular paddle cart with steering mechanism	30/04/2021	365845
6	21-22	Dr. M. D. Mehare	Applied Physics	Synthesis of Blue-emitting Eu^{2+} activated $\text{Ca}_3\text{Al}_2\text{O}_6$ Down Conversion Phosphor for White Light Emitting Diodes	01/10/2021	378533
7	21-22	Dr. M. D. Mehare,	Applied Physics	Process for Synthesis of Eu^{2+} activated $\text{K}_6\text{Ca}_4(\text{SO}_4)_6\text{F}_2$ Down conversion Phosphor for White light Emitting Diode	17/09/2021	377219

8	20-21	Dr.(Mrs).S.W.Varade	ET Department	A disposable paper spittoon with a reusable plastic attachment	13/05/2021	366619
9	21-22	Dr. LeenaPatil	CSE Dept	A machine learning based system for enhancing Computer Network Security	27/10/2021	2021105383
10	20-21	1. Dr.(Mrs.) ArchanaDehankar 2. Dr.(Mrs.) SnehalS.Golait 3Dr P.M.Chaudhari& 4.Dr. A.V.Potnurwar	CT Department IT Department	AWS-Cloud and Google Big Query Data Performance – Improved using Machine and Deep Learning Programming	Australian Govt. 21/04/21	2021101128
11	20-21	1.Dr.Kazi Syed Zakiuddin	Mechanical Engineering	A Manually Operated Carding Machine	Australian Govt IP 02/12/2021	Publication Number : 46-2020 Application number :201921018928
12	19-20	Mrs. Bhagyashree Dharaskar,	CSE deptt,	An Automated Apparatus for Etherification of Liquid-Liquid System	28 -10 - 2020	350334
13	19-20	Dr.Kazi Syed Zakiuddin	Mechanical	Human energized fodder chopper	15-11-2019	325172
14	16-17	Dr. R.D. Khonde	Chemical Engineering	Methods for Converting biomass to hydrogen rich syn gas in two stage process	03/12/2016	356848



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List of Design registered (Last five years)

Sr. No.	Year	Name of Inventors	Dept	Title of Patent	Date of Granted	Patent Number
1	21-22	Dr Chandrashekhhar Sakhale Dr Shrikrishna A Dhale	Mech Civil	Solar operated desiccant Dryer	25-05-22	360240-001
2	21-22	Dr. NitaThakre Dr Anuradha Kondalwar Mrs. Jyotsna P Gabhane	CT Dept	Wearable pregnancy monitoring appatus	18/01/22	110758
3	21-22	Roman Motiram Janbandu	Humanity dept (First year)	Electric tooth brush	18/03/22	114538


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