

	Akhil Bharatiya Maratha Shikshan Parishad's Anantrao Pawar College of Engineering & Research		
	Record No.: ADM/D/036B Revision: 00	DoI: 02/01/2023	
Internal Correspondence For Department			

CRITERIA : 05

Table 5.7.1.A3. List of Faculty Patents

Sr No	Name Of Inventors	Patent Title	Patent No.	Patent Publication Date	Patent Status
CAY: 2023-24					
1	Dr. K. H. Munde	A Method for Design and Validation of Hybrid Metal-Matrix Composite Leaf Spring	202321036123 A	04/08/2023	Published
	Prof. G. E. Kondhalkar				
	Prof. A. R. Pawar				
	Dr. D. P. Kamble				
2	Prof. G. E. Kondhalkar	A Method of Design Analysis and Optimization of a Gravity Roller Conveyor	202321036124 A	04/08/2023	Published
	Dr. D. P. Kamble				
	Dr. K. H. Munde				
	Prof. A. R. Pawar				
3	Prof. G. E. Kondhalkar	A Method of a Development of Relationships Between Cutting Parameters and Workpiece Material	202321036125 A	04/08/2023	Published
	Prof. A. R. Pawar				
	Prof. D. S. Ware				
	Dr. D. P. Kamble				
4	Prof. G. P. Kavhekar	A Design Optimization Method for An Organic Waste Composting Machine	202321036126 A	04/08/2023	Published
	Dr. D. P. Kamble				
	Prof. A. R. Pawar				
	Prof. G. E. Kondhalkar				
	Prof. D. S. Ware				
5	Prof. S. H. Darekar	A Method of Toxic Product Detection and A Device Made for Said Method Thereof	202321038205 A	04/08/2023	Published
	Prof. S. V. Raut				
	Prof. G. E. Kondhalkar				
6	Dr. K. H. Munde	An Optimization Method for A Passive Suspension System of Light Motor Vehicle	202321038206 A	04/08/2023	Published
	Prof. A. R. Pawar				
	Prof. G. E. Kondhalkar				




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7	Prof. G. E. Kondhalkar	A Defect Detection Method for Bearing by Using Conditional Monitoring Method	202321036127 A	04/08/2023	Published
	Dr. D. P. Kamble				
	Prof. A. R. Pawar				
	Prof. V. K. Mehtre				
	Prof. S. V. Raut				
	Prof. S. H. Darekar				
	Prof. S. S. Ahirrao				
CAYm2: 2021-22					
1	Dr. K. H. Munde	A Design and Formulation of Solar Panel Compatible for Wind Load	202221023895 A	27/05/2022	Published
	Prof. N. A. Jadhav				
	Prof. V. K. Mehtre				
	Prof. G. E. Kondhalkar				
	Prof. A. R. Pawar				
2	Prof. G. E. Kondhalkar	A Method for Structural Analysis and Weight Optimization of Integrated Steering Knuckle	202221023896 A	27/05/2022	Published
	Prof. A. R. Pawar				
	Dr. K. H. Munde				
	Prof. D. S. Ware				
	Prof. S. V. Raut				
3	Prof. G. E. Kondhalkar	A Composition Method of An Al-Sic Metal Matrix Composite Material	202221023897 A	27/05/2022	Published
	Prof. S. V. Raut				
	Prof. D. S. Ware				
	Prof. A. R. Pawar				
	Dr. K. H. Munde				
4	Prof. A. R. Pawar	A Method for Front Axle Design with Different Materials	202221023898 A	27/05/2022	Published
	Prof. G. E. Kondhalkar				
	Prof. S. J. Baig				
	Prof. C. E. Kolambe				
	Dr. K. H. Munde				
5	Prof. A. R. Pawar	A Method to Reduce the Number of Spot Welds for A Passenger Car Wheel	202221023899 A	27/05/2022	Published
	Prof. M. P. Kumbhare				
	Prof. N. A. Jadhav				
	Prof. G. E. Kondhalkar				
	Dr. K. H. Munde				



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6	Prof. G. E. Kondhalkar	A Design Optimization and Validation for A Vacuum Chamber	202221023900 A	27/05/2022	Published
	Prof. A. R. Pawar				
	Dr. K. H. Munde				
7	Prof. A. R. Pawar	A Method for Design of a Passive Suspension System by Using GA/ANN	202221023901 A	27/05/2022	Published
	Dr. D. P. Kamble				
	Prof. S. J. Baig				
	Prof. S. V. Raut				
	Prof. G. E. Kondhalkar				
Dr. K. H. Munde					
8	Prof. A. R. Pawar	A Method for Design & Analysis of Air Suspension System For 2dof Quarter Heavy Goods Vehicle	202221023902 A	27/05/2022	Published
9	Prof. G. E. Kondhalkar	A Method and Formulation of Agave Fiber Reinforced Composites	202221023903 A	27/05/2022	Published
	Dr. K. H. Munde				
	Prof. A. R. Pawar				
	Prof. S. S. Ahirrao				
10	Prof. A. R. Pawar	A Method and Formulation of Jute Fiber Composite at Different Ply Orientations	202221023904 A	27/05/2022	Published
	Prof. S. S. Ahirrao				
	Prof. G. E. Kondhalkar				
	Dr. K. H. Munde				
11	Prof. G. E. Kondhalkar	A Method for Diagnostic and Prediction of RUL For Rolling Bearings	202241023910 A	06/05/2022	Published
CAYm3: 2020-21					
1	Dr. K. H. Munde	Smart Parking System	202121005398 A	19/02/2021	Published
2	Dr. K. H. Munde	Design & Development of Wind Turbine for Power Generation	202121005399 A	19/02/2021	Published



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