

Patents Filed by the Teachers & Students of SRTTC

Sr No	Patentees	Patentee Relationship With Institute	Title	Details
1	Ms. Mamta Panda, Ms. Silvia Sailekar, Mr. Amit Gorhe, Mr. Vivek Shrivastav	Student	Flexible and extendable smart stepler device with buffer	Patent Application No. 201721035268 PD 05/10/2017
2	Ms. Aishwarya Raj	Student	Auto sensing method and system to avoid fuel cheating at fuel station	Patent Application No. 201721035267 PD 05/10/2017
3	Prof. Rohit Patil	Faculty	Modified Starter for cranking of Two Wheeler	Patent No. 201721046227 PD 22/12/17
4	Prof. (Dr.) H. G. Phakatkar	Principal	"Damper with Variable Orifice for Automobile Suspension	Patent Application No. 3481/MUM/2014 dated 5th Nov. 2014
5	Prof. (Dr.) J. B. Sankpal	Principal	Work Bench with USB microscope for micro-art on rice	PD 12-02-2016 Patent No. 201621002053
6	Prof. (Dr.) J. B. Sankpal	Principal	Deicing of wind turbine blades using resistive heating along with a super capacitor	PD 06-10-2016 Patent No. 201621034274
7	Prof. (Dr.) J. B. Sankpal	Principal	Horizontal axis wind turbine with multiple rotors with increasing diameter	PD.06 -10-2016 Patent no.201621034370
8	Prof. (Dr.) J. B. Sankpal	Principal	Auxiliary Generator wind Turbine	Pub.Date 06-10-2016 Patent No. 201621034298

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9	Prof. (Dr.) J. B. Sankpal	Principal	High Frequency Induction Heating for deicing the wind turbine blade	PD 10-10-2016 Patent No 201621034622
10	Prof. (Dr.) J. B. Sankpal	Principal	Wind turbine Deicing using hot water circulation through wind turbine blades	PD 10-10-2016 Patent No. 201621034632
11	Prof. (Dr.) J. B. Sankpal	Principal	Deicing of wind Turbine using circulation of hot air through wind turbine	PD 10-10-2016 Patent No 201621034644
12	Prof. (Dr.) J. B. Sankpal	Principal	Wind Energy Generation utilizing wind from exhaust fan	PD 12-10-2016 Patent No.2016210344790
13	Prof. (Dr.) J. B. Sankpal	Principal	Animal Wool for manufacturing wind turbine blade	Patent No. 201721007668, March 2017



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