



**Walchand Institute of Technology, Solapur**  
**(An Autonomous Institute)**

**Research projects**

Year	Scheme/Organization	Title of Research Project	Faculty Coordinator	Duration in Years	Sanctioned Grant in Rs.
2021-22	Seed Money for Research by P.A.H. Solapur University, Solapur	Improvement of Major Road Intersections in Urban areas by the use of Thin Whitetopping Technology (TWT)	Mr. A. N. Rajanavar	2	85,000/-
2021-22	Seed Money for Research by P.A.H. Solapur University, Solapur	Condition based maintenance of textile weaving loom	Mr. A. S. Gundale	2	1,00,000/-
2021-22	Seed Money for Research by P.A.H. Solapur University, Solapur	Counterfeit Medicine Authentication System Using Blockchain.	Mr. R. R. Konapure	2	84,000/-
2021-22	Seed Money for Research by P.A.H. Solapur University, Solapur	Synthesis and Characterization of Solid state metal complexes of Benzoin and Nitro aniline"	Dr. S.K. Sarsamkar	2	95,000/-
2020-21	The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), USA	Design and Performance Evaluation of Hybrid Heat Exchanger Used in Thermal Energy Storage	Mr. G. B. Agalave	2	2,91,000/-
2020-21	Breakthrough Research by P.A.H. Solapur University, Solapur	Development of a solar based Thermal Energy Storage (TES) system using Phase Change Material (PCM) with reference to textile industry	Dr. B.B. Deshmukh	2	2,00,000/-