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# ATME Students Develop Low Cost Coin Operated Water Vending Machine

The final year Mechanical Engineering students of ATME College of Engineering, Mysuru – Mr. D V Raghu, Mr. Gayaz Mohammed, Mr. Md Mohiyuddin Shariff and Mr., MD Yaseen Ahmed as a part of their final year project work, has developed a low cost, portable, compact sized, economical and simple Water Vending Machine which accepts coin and dispenses a glass of water from pre purified 20 lts which is available in market.



The students got the idea from water vending machines installed in Railway stations which require a larger space and high investment cost. Students begin with a public survey in Malls, theaters, markets and in tourist places about the necessity of drinking water and availability. The common question asked was, how will u fulfill the requirement of drinking water in public places? Majority answer was buying of a 1 liter water bottle which costs 20 Rs.

By the results of survey students planned to develop a Coin operated portable Water vending Machine which accepts 1 Rs coin and dispenses 250 ml of pre purified water available in markets by genuine and trusted suppliers. So that it can also encourage the people to avoid plastic waste and local entrepreneurs who can earn by installing this in their places.

This Project was selected for financial funding from Karnataka State Council for Science and Technology (KSCST) and recognize as “Outstanding project” and Awarded with “Project or the Year” award by KSCST.

The subject knowledge gained in their course and under the guidance of Mr. Rakshith N, Assistant Professor, Department of Mechanical Engineering and Mr. Chandan G N, Assistant Professor, Department of Electronics and Communication Engineering, they have successfully completed the work at a cost of 8000/- RS.



The students Effort has been hailed by many including the industry people, Public. The Principal, Staff members and Management congratulated them on their feat.