

Volume 38, Number 1**In this Issue:**

IAPT President's Message : Rebooting IAPT Journal of
Physics Education

Editorial

1. **Using Arduino Uno to Measure Changes in Potential
Across a Potentiometer Wire with an Ultrasonic Sensor**
Prof. Seema Vats and Prof. H.K. Sahajwani.....1-7
2. **Some Applications of Fractional Calculus in Elementary
Physics**
Vishwamittar, Yashika Taneja and Nipun Ahuja.....1-27
3. **Shape Dependent Form of Newton's Third Law of Motion**
Ajay Sharma.....1-14
4. **Understanding Virial theorem**
Prasanth P., Reshma P. and K. M. Udayanandan.....1-6
5. **An Innovative Approach to Measuring Spring Constants:
Utilizing 3D Printing and Sound Sensing with Improved
Time Resolution in Data Collection**
Kalpajit Roy, Sakshi Garg, Ankush Rana, Shivam Tomar and
Amit Garg.....1-10