

## موضوعات البحث المقترحة

الفصل الدراسي الشتوى للعام الجامعى ٢٠٢٠/٢٠١٩

أسم المقرر : الفيزياء العامة
أستاذ المقرر : أ.د/ كمال رياض محمود
المستوى الدراسي: الثانى
القسم العلمى : تصنيع الأسماك والبيوتكنولوجى

عناصر البحث	عنوان البحث	م
1- Definition of motion 2- The motion of bodies along three dimensions 3- The one dimensional motion 4-Newton's laws of motions	The motion of the bodies along the space	١
1- What Is a Fluid 2- Density and Pressure 3- Fluids at Rest 4- Measuring Pressure 5- Variation of Pressure with Depth	The mechanics of a fluid at rest	٢
1- The motion of real fluids 2- Incompressible flow of fluids 3- Nonviscous flow of fluids 4- Irrotational flow of fluids 5- The laws governing the flow of fluids	The mechanics of a fluid in motion	٣
1- Definition of oscillations. 2- The simple harmonic motion. 3- The Velocity of SHM 4- The Acceleration of SHM	Our world is filled with oscillations in which objects move back and forth repeatedly. Many oscillations are merely amusing or annoying, but many others are dangerous or financially important. The effect of oscillations on the moving things and its application in our life.	٤
1-Definition of heat and Temperatures. 2-Thermal Expansion of Solids and Liquids. 3- Heat and Internal Energy 4- Specific Heat and Calorimetry	Temperature and Kinetic theory of temperature	٥

أستاذ المقرر

الاسم : أ.د/ كمال رياض محمود

التوقيع : أ.د/ كمال رياض محمود