

Dear Parents  
Greetings for the day!!!

Jain Heritage School has a tradition of having 100% result in CBSE Board Examinations and to achieve that we never leave any stone unturned. As we know that class IX is base for class X so, we are set to have an extra mile with “**Expert Session**” from January 2<sup>nd</sup> to January 11<sup>th</sup> [Including Sunday] particularly for physics and Math’s by the most renowned faculties of Belagavi – Mr. Akshay Jain [Known for making physics easy by relating with day to day life concepts] The following topics will be covered:

**Physics - Daily 9.45 a.m. to 11.45 a.m. [During the school hours]**

- DAY 1 Motion In a straight line – Basic Definition and differences and problems, derivations for basic Equation of motion and problems.  
DAY 2 Balanced and unbalanced forces, 3 laws of motion, problems, momentum, impulse, conservation of Momentum derivation and problems.  
DAY 3 Laws of gravitation, application, mass and weight concept, acceleration due to gravity, problems.  
DAY 4 Buoyancy, Archimedes principle, laws of floatation, density and relative density and problems.  
DAY 5 Work, condition for work, different units for work and problems.  
DAY 6 Types of energy, derivation for conservation of energy, power and its units and problems.  
DAY 7 Sound in vacuum, types of waves, differences between waves and basic terminologies of wave, range Of frequency, uses of ultrasonic, sonar, and human ear  
DAY 8 Math’s  
DAY 9 Math’s  
DAY 10 Math’s

**Special Notes:**

1. CBSE marking scheme will be discussed
2. Changes in the pattern of CBSE paper will be discussed
3. Question related to assertion and reasoning will be addressed
4. Concepts discussed will be related with real life examples to give more clarity on the subject
5. The classes are compulsory for all the students
6. There will be break from 9.30 to 9.40.
7. Canteen facility is not available this time so the students have to bring the tiffin.
8. The students have to pay 100/- RS as worksheet charges.

Thanks and Regards

Dr Manjeet Jain  
Principal

We \_\_\_\_\_ & \_\_\_\_\_ parents  
of \_\_\_\_\_ student of IX\_\_\_\_\_ give our consent to send our ward for the  
expert session.

Student

Father

Mother