

B.K.M.SCIENCE COLLEGE,VALSAD

A lecture on
"Developing Mathematical ability through Technology enabled Investigation"
by Mathematics Department.
29th June 2016

A guest Lecture was organized by the Department of Mathematics on 29 th June 2016 as part of Student extension activity program. Indian Institute of Technology, New Delhi, Distinguish Prof.Dr.Jonaki Ghosh was invited to address the students on "Developing Mathematical ability through Technology enabled Investigation".The programme begun with a prayer by Dr.Madhvai Desai. A floral Welcome was given to Speaker and invited guest. Introduction of the Speaker was given by Smt.Janvi Desai.

Principal Dr.Vikas Desai told that this interactive lecture will enrich the mind of students, giving them windows to explore, the marvelous world of science and scientific pursuits.He explained such programs in fact help in student enrichment through knowledge transfer from experts to students and faculties too.Principal Dr.Vikas Desai thanked Prof.Ranjitbhai Desai (Retired, Prof. and Head of the Mathematics Department, B.K.M.Science College)for arrangement of this lecture.


Vice Principal Dr.T.G.Gohil told that Such lecture will enlighten students on the latest development in the field of Mathematics. This type of lecture can be used to make classes more approachable and appealing to students.

Head of the Mathematics Department Dr.S.J.Prajapati gave information about lecture and told that the interactive lecture will enrich the mind of students, giving them windows to explore, the marvelous world of science and scientific pursuits. This type of lecture can be used to make classes more approachable and appealing to students.



The distinguished speaker began her talk with simulating problems in Mathematic, Applications of matrices, Application of integral calculus, Application of differential equation and Application of Fourier series. She elaborated monty hall problem, the game of craps, application to genetics, Crytography-hill cipher method, Volume of solid in 3D and higher dimensions, prey predator model and Exploring gibbs Phenomenon in detail. She explained about re-search indicates that it helps students build important connections between what they are learning and the real world.

Professor from various college and teachers from school participated in the lecture. The lecture was very much informative and interactive and was well received by the students as some the students took actively part in the question- answer session which were then answered by the invited Guest lecturer. It was very enriching and enlightening lecture for the students and for the faculty as well. The vote of thanks was given by Prof.G.A.Desai of Mathematics Department.


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