



**पीएम श्री केन्द्रीयविद्यालयकोलीवाडा - 37**

**PM SHRI KENDRIYA VIDYALAYA KOLIWADA - 37**

सेक्टर -१, सी.जी.एस. कोलोनीएंटोपहिल, मुम्बई-३७.

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### REPORT ON STEM EDUCATION ACTIVITIES -2024-25

PMSHRI KV KOLIWADAA has undertaken the following initiatives to promote STEM education in Vidyalaya .Some of the achievements of students in STEM is highlighted as follows-

1.Conduct of Stem Workshop for Students.

2.Conduct of IOQSM exam in vidyalaya to promote Maths.

3.Conduct of RSBVP for students and Promotion of Projects under sustainable development for future. Three students of our Vidyalaya got selected for National level – Krittika Upadhyaya –Class VIIIA –First position(Waste Management),Hridhaan Chaurasia –Class VII A(Natural Farming) and Amruta Manjulal – IXC –Second position(Mathematical modelling&Computing) .

4.Conduct of Inspire award projects on various innovative scientific ideas.

5.Conduct of workshop for students on the topic –Sustainable development for future (Expert Talk was organised in school to create awareness ) by Assistant Professor Smt Babita Rana .

6.Conduct of school Innovation Marathaon and formation of teams under it .Submission of Prototype was done on two topics –Health and Hygiene and Wireless transmission (Technology). Names of Students who completed their prototypes and Project submission are Team 1 – Rajavi (class IX C ) Twinkle (IX D) Amruta Manjulal (IX C) Team 2 – Naitik Sinha (VIII A ) ,Satvik(VIII A) and Anushka (VIII B)

7. Green School Contest – Green school team participated in Audit and survey and successfully completed the Green school audit .

8. Exposure visits to promote stem – Exposure visit was organised for students to sensitise them about STEM and activities related to it . They were shown biogas plant, Vermi composting, Organic farming ,Village life with traditional skills like pottery making, carpentry, barber, stitching, farming etc.

9.PRAYAAS – Two Students participated in Prayaas and submitted their prototypes project to NCERT.

10.Activities under Science and Maths Circles – Maths circle is prepared to make students learn different shapes like rectangle,circle ,square and triangle for Primary kids for joyful learning .

11.Workshop on Food Adulteration By faculty of Ministry of Agriculture – Workshop was organised on creating awareness about detecting food adulterants in daily food items by testing with specific chemicals.

Some Glimpses –

**STEM EDUCATION - INTRODUCTION**



**RSBVP –REGIONAL LEVEL – FIRST POSITION**



**WORKSHOP ON SUSTAINABLE DEVELOPMENT**



**GREEN SCHOOL INITIATIVES**



**EXPOSURE VISIT – LEARNING SKILLS – ROUTES TO ROOTS**



**PRAYAAS – INITIATIVE TO PROMOTE RESEARCH ATTITUDE AMONG YOUNG & ASPIRING STUDENTS**



### MATHS CIRCLES – JOYFUL LEARNING CONCEPTS



### WORKSHOP ON FOOD ADULTERATION

The above activities were conducted throughout the year to promote STEM education in K V Koliwada.

Principal

Alka Gaikwad

PM SHRI K V Koliwada