

A case study on innovative use of smart classroom in school of excellence

GOMIA +2 HIGH SCHOOL, GOMIA



GOMIA +2 HIGH SCHOOL, GOMIA a renowned higher educational institution dedicated to nurturing young minds and empowering the youths of tomorrow. Established with a vision of providing better -quality education and fostering inclusive development, our school stands as a beacon of academic excellence ,moral values and character building. GOMIA +2 HIGH SCHOOL, GOMIA was established in the year 1955 by gov. for a group of passionate educators and philanthropists who believed in the transformative power of education. With a strong commitment to quality, inclusivity, and holistic development, the school has consistently striven to create a nurturing and vibrant learning environment for the children of Gomia.

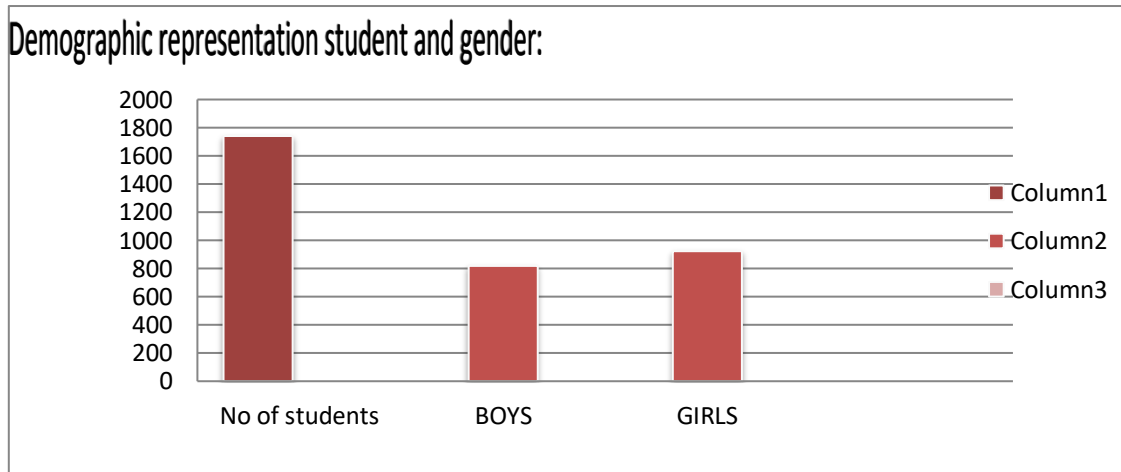
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Our Mission and Vision

The mission of GOMIA +2 HIGH SCHOOL, GOMIA we are committed to providing exceptional educational opportunities and all inclusive development to empower young minds and poor children . Our mission is to foster a safe, inclusive, and nurturing learning environment that nurtures the unique potential of every student. Aim is to spread quality education among the economically poor background students in Hindi & English both medium of instruction. Students of this school would become a responsible citizen with global understanding. Moreover, create a learning community of motivated students and staffs who involve in active learning through the best use of modern technology. The major aim is to develop highest standard of excellence and prepared generation for challenges of 21st century.

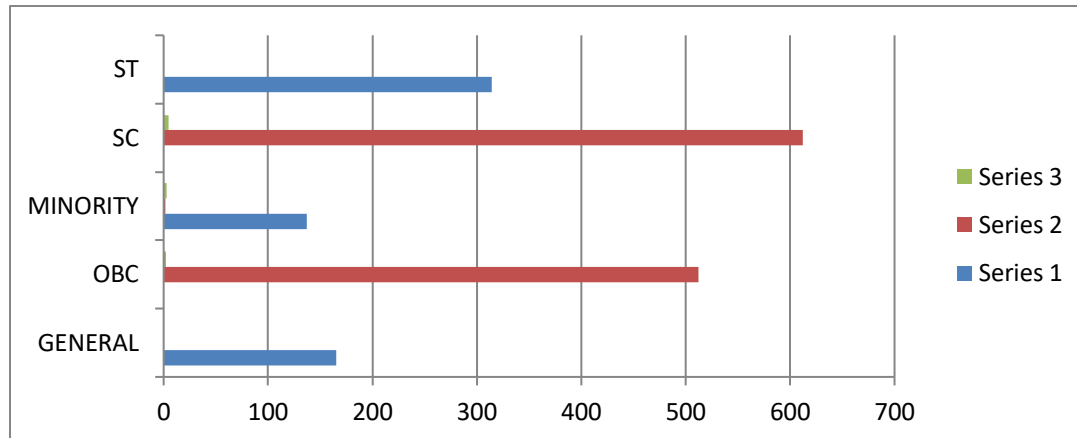
TYPE OF SCHOOL:

GOMIA +2 HIGH SCHOOL, GOMIA was established in 1955 and it is school of excellence as managed by the Department of Education govt. Jharkhand. It is located in Rural area. It is located in Gomia block of Bokaro district, headquarter Ranchi , Jharkhand. The school consists of Grades from 9 to 12. The school is Co-educational. Hindi and English are the medium of instructions in this school. This school is approachable by all weather roads and many other facilities such as uses of modern technology and various benefits provided to students.



Currently total 1740 students are studying in class 9th, 10th, 11th and 12th. There are 817 male students and 923 girls.

Social categories of students in school:



The representation of students from different social categories as enrolled that is out of total 1740 from ST -205, SC-518, BC-707, Minority -182 and General-128.

Economic background of students:

Majority of the people of this area are involved in agriculture, daily worker and connected with small business. Total five hundred sixty three students participated in the survey 1069 students responded that their parents associated as daily wager, 382 students mentioned farmer, 197 businessman, 87 in company and 4 students responded that their parents are in govt. job.

Challenges faced in the School:

1. To develop effective communication and leaderships skills.
2. To enhance the students' abilities to retain what is being taught with complete understanding.
3. Student should know things theoretical as well as practical with interaction and working knowledge of employment practices.
4. The secondary and higher secondary level government schools do not have adequate capacities, so the net enrolment falls, especially girls, sharply beyond the primary level.

Strategy taken to develop the school:

Teaching staffs and students are mandatory to present in the morning assembly. Morning assembly begins with prayer and followed by pledge of preamble of the Indian constitution, National song, News reading, Quiz and end with National Anthem.



Special focus on attendance and achievements in weekly RAIL test. Subject specific test conducted in smart classroom with the use overhead projector and obtained marks recoded in the RAIL register.



Active participation of students in Games/ sports at School, District and state level competition Khelo Jharkhand.



Maintenance of school infrastructure like building, playground, Labs, library and Eco-club.





1. Organizing of various programs such as fit india movement, swachhta pakhwara ,science exhibition and many more.



inauguration of new building in school



science exhibition



swacchta pakhwara



Industrial visit of ITes and Media students

- Distribution of responsibilities among the teaching and non-teaching staffs
- Providing academic and administrative reports to the concerned authority with proper documentation process.
- Humble and friendly interaction with the students and motivate them to achieve their goal.

Innovative practices in the school to overcome the challenges.

Practices	Objectives
Power Point Presentations, Overhead projector, Pen-drive	To enhance the overall comprehension of students and allow teachers to present their lessons in a more dynamic way.
Student presentation.	The overall objective of this activity is to motivate students for self- Study, Group Study and effective communication skills.
Special Lectures	To aware students about relevant social issue on safety and women empowerment.
Industrial Visits	To provide students an insight about internal working of industries

Class room survey technique adopted

1. Questionnaire created with the help of group of teachers on five likert scale.
2. Questionnaire shown on the project for responses of students.
3. Students recorded their responses in their pages.
4. This technique is adopted to save print out expenses.

The strategies failed or go success:

The success of teaching strategies and school administration depends on the learning outcome of the students. Student's feedback shows that smart classroom and use of technology brings a positive change in the behavior of students. Majority of the students' practices are in the favor of using technology for learning subject matters. They are also in support of projector as a tool for learning complex topics. Those who are less interested need of encouragement and motivation for experiencing the benefits of innovative practices. Therefore, teacher and administrator need to encourage students for collaborative learning, sharing ideas, information and teaching learning materials.

Lesson learnt from the survey:

The survey shows positive response from student's side. Such innovative practices should continue. In addition this khelo Jharkhand, swachta pakhra, sports, cultural activities , RAIL test are also playing vital role in the students behavior. The role of teacher is significant to motivate student and guide them towards their goal.