

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

District CM School of Excellence Godda, a distinguished educational institution dedicated to nurturing young minds and empowering the leaders of tomorrow. Established with a vision of providing high-quality education and fostering holistic development, our school stands as a beacon of academic excellence and character building. District CM School of Excellence was founded in the year 1903 by 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 Godda.



Contact Details of School:

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Website	
UDISE CODE	20081000216
School no.	68068
Affiliation Number	3420118

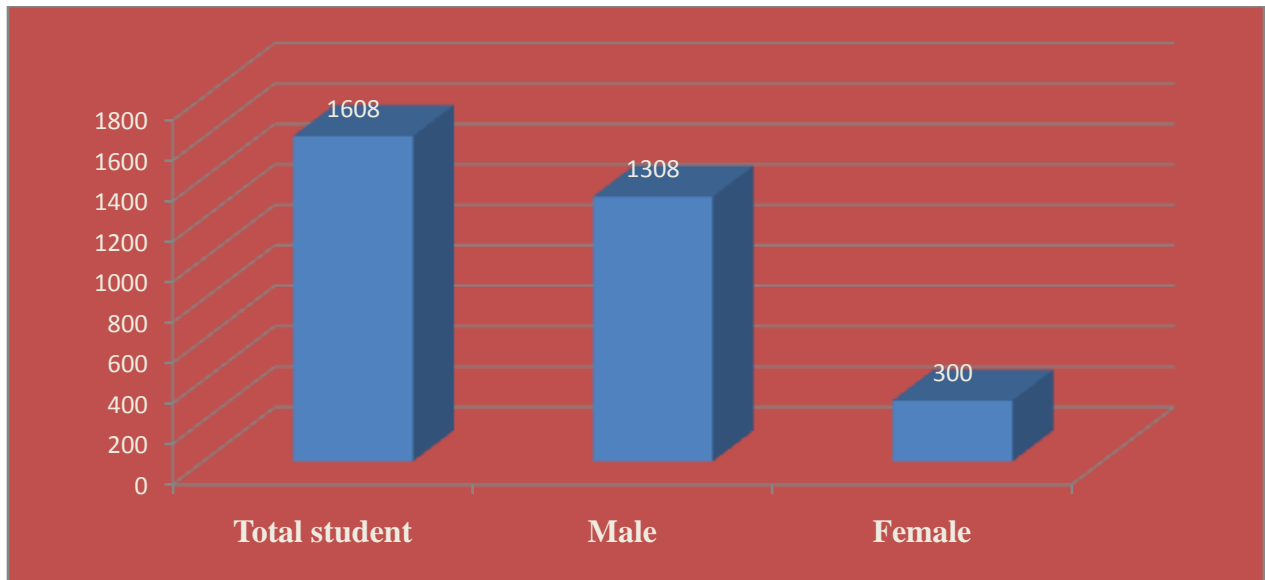
Our Mission and Vision

The mission of DISTRICT CM SCHOOL OF EXCELLENCE, GODDA, we are committed to providing exceptional educational opportunities and holistic development to empower young minds. 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 English 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. Central idea is to develop highest standard of excellence and prepared generation for challenges of 21st century.

Types of School:

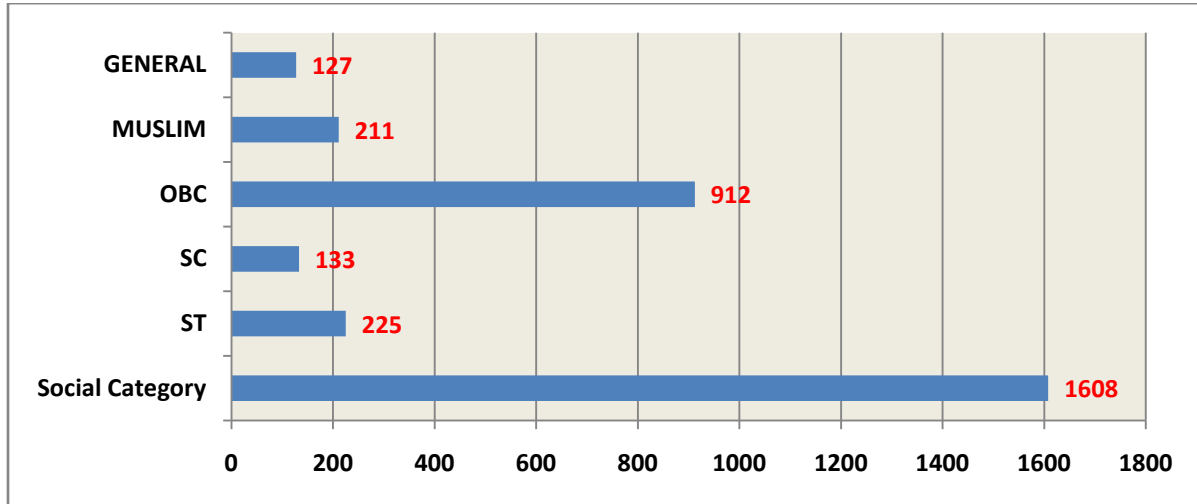
District CM School of Excellence, Godda was established in 1903 and it is managed by the Department of Education govt. Jharkhand. It is located in Urban area. It is located in block Godda district headquarter Godda, Jharkhand. The school consists of Grades from 9 to 12. The school is Co-educational. Hindi and English are the medium of instructions in this school. This school is approachable by all weather roads.

Demographic representation student and gender:



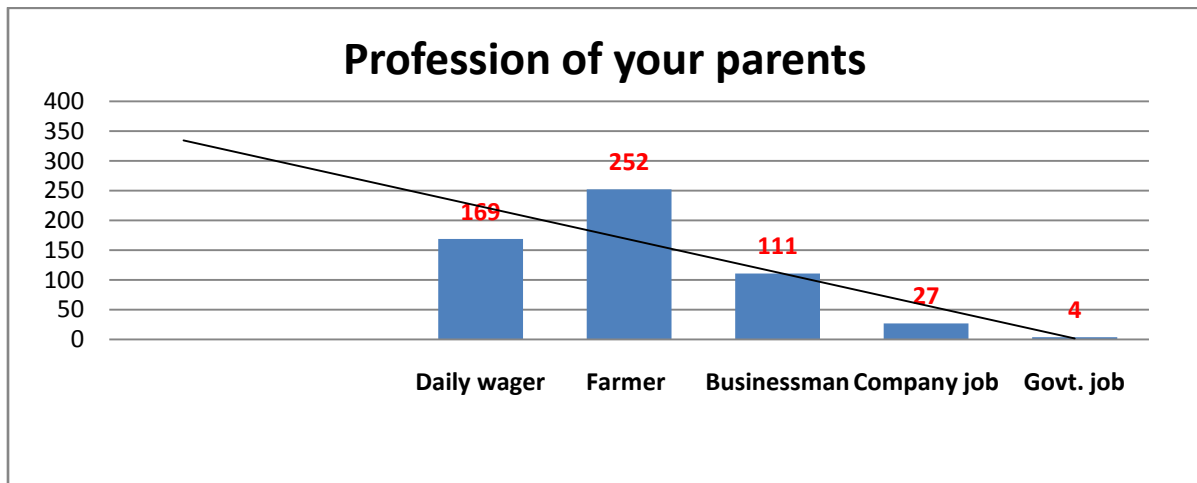
Currently total 1608 students are studying in class 9th, 10th, 11th and 12th. There are male students 1308 and 300 girls.

Social categories of students in school:



The representation of students from different social categories as enrolled that is out of total 1608 from ST -225, SC-138, BC-912, Muslim-211 and General-127.

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 169 students responded that their parents associated as daily wager, 252 students mentioned farmer , 111 businessman , 27 in company and 4 students responded that their parents are in govt. job.

Challenges faced in the School:

- To develop effective communication and leaderships skills.
- To enhance the students' abilities to retain what is being taught with complete understanding.
- Student should know things theoretical as well as practical with interaction and working knowledge of employment practices.

Strategy taken to develop the school:

1. 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.



2. Distribution of students in different houses with their specific name and uniform. There are four houses in the school such as Birsa Munda, Siddhu kanhu, Fulo Jhano and Nilamber-Pitamber.



3. 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.



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



5. Harsh Johar



6. Special lecture on women's empowerment/ POSCO Act. /Sexual Harassment.



7. Conducting regular meetings of PTM, and SMC.



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



9. Science Laboratory



10. NCC Team of SOE Godda with DEO, SP and DC Godda.



11. Swachta Pakhwara



12. Distribution of responsibilities among the teaching and non-teaching staffs.

13. Providing academic and administrative reports to the concerned authority with proper documentation process.

14. Humble and friendly interaction with the students and motivate them to achieve their goal

15. Classroom walks and feedback from students and teachers

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.

1. Power point presentation/OHP/Pen-drive Course/Digital-board.



2. Industrial visits at ITI College Siktiya, Godda.



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.

Classroom survey result:

Classroom survey conducted among the students of class 9th, 10th, 11th and 12th. The questionnaire is shown on the projector to save paper and printing cost. Total 563 students participated and their responses recorded as following.

S.No	Statements	Never	sometime	Neutral	Mostly	Always
1.	I enjoy learning my course in smart classroom.	02	13	07	213	328
2.	Pen-drive course helps to understand my lesson	35	73	29	174	252
3.	Weekly RAIL test conducted on the projector.	06	24	15	86	332
4.	Teacher can easily handle the equipments of smart classroom	42	14	19	410	78
5.	Conducted Videos/lecture/campaign on women's empowerment in your school.	48	86	47	243	139
6.	I love Harsh Johaar program and sports/games activities in school.	13	31	22	217	280
7.	Teachers motivate you to do better in your life.	13	27	16	355	152

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 Harsh Johar, 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.

