



Lab in Cab

The SDM Jnana Vistaar initiative, nestled in the heart of Belthangady Taluk, stands as a beacon for cultivating a profound understanding of basic sciences among budding minds. This visionary club embarks on a mission to popularize and orient students towards fundamental science, fostering a scientific temper through hands-on experiences with working models.

The meticulously crafted approach involves delving into nearby schools to discern their scientific needs, aligning with detailed syllabi, and identifying target groups. With dedicated coordinators in each school, preliminary meetings set the stage for impactful interactions. Armed with a curated list of experiments and simple instruments, the club brings science to life within classrooms, leaving an indelible mark on young minds.

This grassroots engagement not only elevates the scientific acumen of rural students but also enhances the visibility of the college. By instilling a passion for basic sciences, SDM Jnana Vistaar paves the way for innovation and creativity in the future generation, ensuring a steadfast commitment to the pursuit of knowledge and scientific exploration.

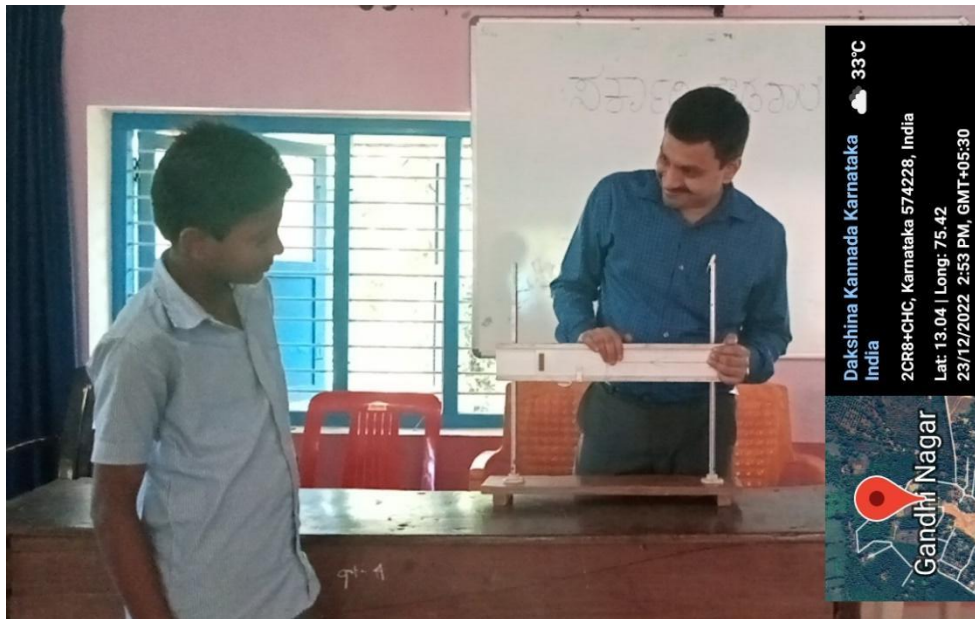


Lab in Cab Programme conducted

SL NO	Department	Prgramme conducted
1	6	9

Details of Programme

1. Report of Lab in Cab- Kakkinje



Dr. Sudheer K.V., Assistant Professor in Psychology of SDM College (Autonomous), Ujire participated as a resource person in Lab in Cab programme entitled ‘‘Manovijnanada Koutukagalu’’ on 23-12-2022 from 2.00 pm to 3.00 pm for 9th standard students at Government Kannada Medium High School, Kakkinje. The programme was initiated with an introduction to SDM College and the purpose of the programme. The programme was an activity-based session on perception and illusions, memory and attention. In addition to these activities, a number of interesting questions related to Human brain, mind and dreams were asked and the answers were provided about these questions. A total of 44 students attended the programme.



2. Lab in Cab Report

Date: 26.11.2022

Place: DKZP High School Padmunja, Belthangady

Time: 10.30 pm to 12.15 pm

Topic: Intelligence and Personality Assessment

Resource Person: Dr. Vandana Jain

Beneficiaries: All Students (130 Students)

Facilitators: Ms. Sumathi, Headmistress, Government High School, Padmunja





3. Lab in Cab in Bangady

As a part of popularization of basic sciences, Department of Physics conducted Lab in Cab (Jnana Vistara) programme in Govt Highschool school Bangady- 17-11-2022

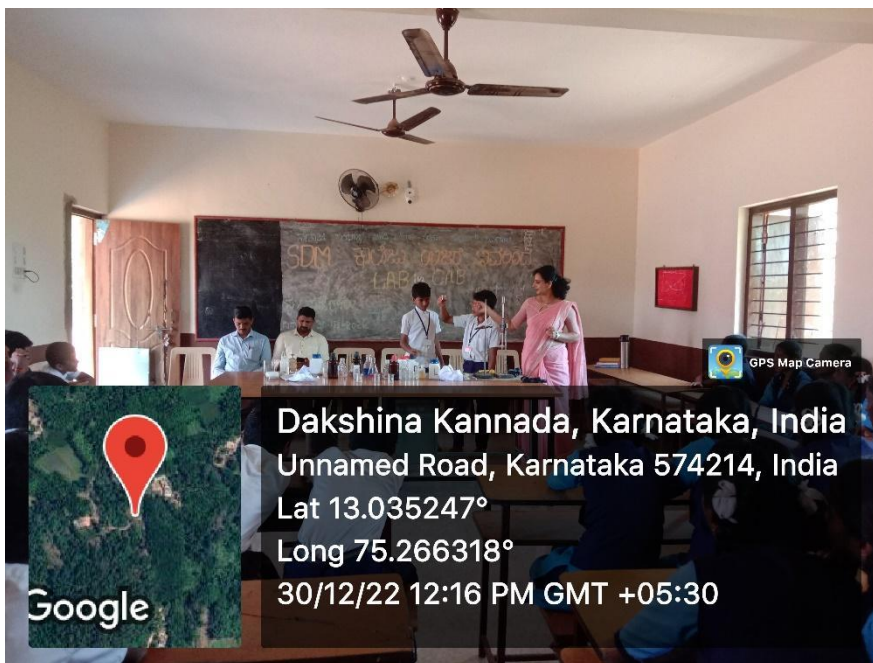
Physics experiments related to Light such as reflection/Refraction/lenses/ Multiple reflection/ total internal reflection were conducted. Also experiments on wave propagation, Electromagnetic induction, surface tension were demonstrated., Ms Revathi and Ms Rashmi were the resource persons. 100 students were benefited. Students of the school found it very interesting and were oriented towards basic sciences.





4 Lab in Cab in Savanal

Department of Chemistry organised lab in cab to 8th, 9th and 10th standard students of Nethaji Subhashchandra Bose Govt Highschool, Savanal on 30th December 2022. Mrs. Divya demonstrated few interesting experiments to the students and gave scientific justification behind superstitious beliefs. About 60 students were actively participated in this programme.





5 - Lab in Cab in Padangady

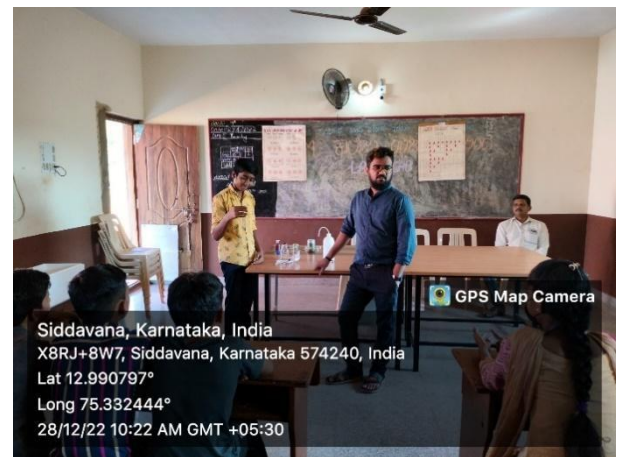
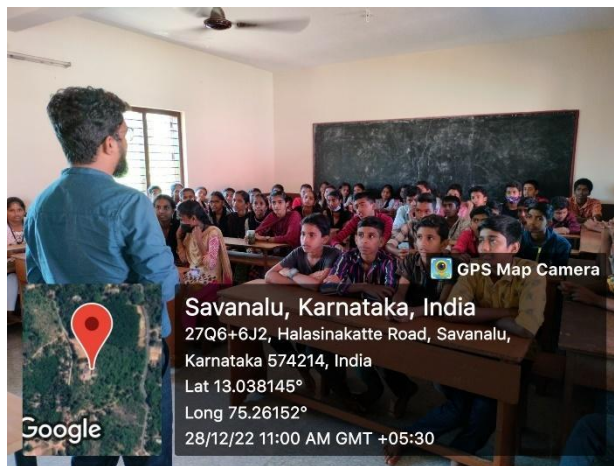
Department of Chemistry organised lab in cab to the 10th standard students of Govt Highschool, Padangady on 10-02-23. Mrs.Sangeetha.B demonstrated few interesting experiments to the students and gave scientific justification behind superstitious beliefs. About 60 students were actively participated in this programme





6 - Lab in Cab–Government High School Savanalu

Under the best practice of the college Lab in Cab, the faculty members of the Department of Biotechnology visited the Government High school that is situated 15Km away from the college at Savanalu, Belthangady Taluk on 28/12/2022. The faculty members addressed the students of 8th, 9th and 10th standard about the scope of science specially Biotechnology and demonstrated experiments related to Blood grouping, Plant tissue culture and fermentation technology that grabbed the attention of the students towards science. Students positively responded and expressed their satisfaction on listening to new concepts of science and they also expressed that the activity made them to think about science in their career. The intention of the activity was to popularize science.





7 - Lab in Cab –Government High School Halepete

Under the best practice of the college Lab in Cab, the faculty members of the Department of Biotechnology visited the Government High school that is situated 3Km away from the college at a Ujire,Belthangady Taluk on 28/12/2022. The faculty member of the department Mr. Abhijeeth S Badiger addressed the students of 8th, 9th and 10thstandard about the scope of science specially Biotechnology and demonstrated experiments related to Blood grouping, Plant tissue culture and fermentation that made the students curious about biotechnological skills. Students involved actively in the activity and responded well. They also expressed their satisfaction on the activities.





8 - Lab in Cab in Mittabagilu

Department of Botany has organised the Lab in Cab programme on 21-11-2021 to 8th, 9th and 10th standard students of DKZP GHS, Mittabagilu. Dr. B. A. Kumara Hegde., Associate Professor and HOD of Botany, Mr. Ganesh V. Shendye, Assistant professor, Mr. Abhilash K.S., Assistant Professor, Department of botany had participated in the programme. Interesting experiments like '**Suction due to Transpiration**', '**Cyclolysis**' had been demonstrated. **Anatomy of Dicot Stem, Leaf and Monocot Stem, Leaf** had been visualised using compound Microscope. In addition to this, faculty members had given valuable information in the field of Plant Science. Mr. Jinnappa, Attender had given the technical support. Nearly 60 students have benefitted from this programme. All the students, teaching faculties including the **Headmistress Mrs. Pushpakala** of DKZP GH School, Mittabagilu had given the positive inputs. The programme concluded with a micro-formal way.

