



INTERNAL QUALITY ASSURANCE CELL

Best Practice-I

Title of the Practice: Popularization of Basic Science among Rural High School Students

Objectives:

This initiative aims to stimulate scientific inquiry and create awareness among rural high school children about science education. We primarily focus to introduce various science streams to the students through simple, practical and realistic way which ignites their curiosity and attracts them to basic science. The main objectives of this practice are

- To propagate scientific temper and basic science avenues among rural high school students.
- To create experiential learning by hands-on experiments
- To apply basic science concepts in day to day life
- To correlate this learning experience towards environmental consciousness

The Context:

The socio-economic development of a country depends mainly on its advancement in the field of science and technology. In present times, there is decline in the number of students opting for the basic science streams due to lack of awareness about its importance. Turning the student's attention towards science streams at the high-school level will eventually attract them to higher education in the various branches of basic science. This practice aims at creating science awareness, classroom science teaching and practical exposures among the rural high school students which will encourage them to build their career in the basic science streams. Further, this would also create a generation of proficient scientists and professionals expert in the field of basic science.

The Practice:

For popularization of basic science in rural villages "Basic Science Popularization Cell" has been established in the college which includes subject experts from various departments. This cell identifies the target beneficiaries, prepares plan of action and monitors its execution.

The subject experts of our college interact with the student's of various rural high schools and stimulate their interest and curiosity in basic science subjects through presentation, experimental demonstration and use of models, charts, ICT enabled tools along with a live interactive session. It is impressed on students that learning science is joyful. This initiative acts as an inspiration among rural students and school teachers, making them pursue science education and build their career with it which will ultimately lead to enhancing research and innovation in future. This is also in tune with the national policies of higher education.

Evidence of Success:

The initiative of Promotion of Science in rural schools has resulted in some visible outcomes which are observed in increased enrollment of rural students to undergraduate programs. The networking between school science teachers and science resource persons has improved quality of science teaching at the school level. The faculties of the college after visiting the rural high schools were able to achieve the following set targets

- Students were motivated to prepare and exhibit science models in regional and state level science exhibitions. The students also participated in the science exhibition organized in the campus
- Enhanced creativity and learning experience in basic science
- Improvement in examination performance in science subjects
- Enhancement in environmental consciousness
- Increase in the student enrolment for the basic science subjects in higher education programmes

Problems encountered and resources required:

- Difficulty in getting prior consent from school administration
- Rural schools lack basic infrastructure to conduct scientific demonstrations
- Interaction with the rural high school students on science topics in the vernacular language poses as a challenge in simplifying the scientific concepts and introducing them to scientific terminology
- Requirement of a mobile laboratory
- Time constraint in conducting frequent programs during the regular college hours by the experts of our college also creates a problem in executing this practice

List of Programs Conducted

Sl. No	Title	Place	Date
1	6 th Popularization of Basic Science among Rural High School Students	Shri Parappa Mushappa Roogi Secondary School, Byahatti Talug: Hubballi District: Dharwad	14 th July 2017
2	7 th Popularization of Basic Science among Rural High School Students	Govt. High School Belavanturu, Talug: Kalghatagi, District: Dharwad	17 th Jan 2019
3	8 th Popularization of Basic Science among Rural High School Students	Shri Budhangudd Basaveshwar High School, Dummavad Talug: Kalghatagi, District: Dharwad	13 th Jan 2020
4	9 th Popularization of Basic Science among Rural High School Students	Late Channabasamma I Chikanagoudar Govt. High School, Adargunchi Talug: Hubballi District: Dharwad	20 th Jan 2020
5	10 th Popularization of Basic Science among Rural High School Students	Govt. Higher Primary School, Revadihal Talug: Hubballi District: Dharwad	11 th Feb 2022
6	11 th Popularization of Basic Science among Rural High School Students	Shri Budhangudd Basaveshwar High School, Dummavad Talug: Kalghatagi, District: Dharwad	16 th Feb 2022
7	12 th Popularization of Basic Science among Rural High School Students	Shri Sangameshwar High School, Jodalli Talug: Kalghatagi, District: Dharwad	03 rd Mar 2022



KLE SOCIETY'S

P. C. JABIN SCIENCE COLLEGE,

AUTONOMOUS, CPE PHASE -III

AFFILIATED TO KARNATAK UNIVERSITY DHARWAD
APPROVED BY UNIVERSITY GRANTS COMMISSION, NEW DELHI AND
GOVERNMENT OF KARNATAKA

**Accredited at 'A' Grade by NAAC
VIDYANAGAR, HUBBALLI-580031**

INTERNAL QUALITY ASSURANCE CELL

Best Practice-II

Title of the Practice: Jabinians as community rejuvenators

Objectives:

According to the words of Sadhguru “**How deeply you can touch another life is how rich your life is.**” Jabinians planned for developing the rural and semi urban communities present in the vicinity of the institution with an aim to build a better environment for the residents of the areas. The approach at initial stage focused in improving the quality of life of people and ensuring that they live a healthy and satisfying life. The key areas of emphasis were health and hygiene, education and creation of a sustainable environment. The major objectives of this practice are

- To provide initial health care facilities through free medical checkup camps for the poor population.
- To create awareness regarding health issues among the community and educate them to deal with communicable and non communicable diseases.
- To render education and health services to the people of siddi tribal of Gardolli.
- To create awareness regarding adverse effects of the environmental pollution

The Context:

India is a country where a significant section of the population resides in the villages. The progress and development of any country depends on the improved living conditions in both urban and rural areas where all the meaningful life supportive facilities, including healthcare facilities, will be adequately available for one and all. Even though the government runs several programs and policies for rural development, gaps in the implementation part have created a question mark on the successful outcomes concerning these policies and programs. Medical facilities are mostly deplorable in village areas. Healthcare is the right of every individual but lack of quality infrastructure, dearth of qualified medical functionaries, and non- access to basic medicines and medical facilities thwarts its reach to 60% of population in India. In rural parts of



KLE SOCIETY'S

P. C. JABIN SCIENCE COLLEGE,

AUTONOMOUS, CPE PHASE -III

AFFILIATED TO KARNATAK UNIVERSITY DHARWAD
APPROVED BY UNIVERSITY GRANTS COMMISSION, NEW DELHI AND
GOVERNMENT OF KARNATAKA

**Accredited at 'A' Grade by NAAC
VIDYANAGAR, HUBBALLI-580031**

INTERNAL QUALITY ASSURANCE CELL

the country, there is a scarcity of primary health care centers, around 8% of health care centers lack medical staff or doctors in number, 39% of them are running without a team of lab technicians, and 18% of them got deprived of a pharmacist.

To contribute towards this K. L. E Society's P. C. Jabin Science College took a step forward for organizing free medical camps at the rural areas. The medical camps help in combating diseases at an earlier stage. Besides providing primary health care, these camps also contribute towards raising awareness for adequate nutritious food, clean drinking water, dangers of environmental pollution and virtues of preventive health care. Besides this we also took initiatives in creating awareness regarding adverse effects of environmental pollution, importance of afforestation, motivate for energy conservation, clean and sustainable environment and kitchen safety.

The Practice:

K. L. E. Society's P C Jabin Science College strives to work towards community upliftment. The need for this aroused when the faculty and students conducted a survey on the living standards of the people in rural areas and problems faced by them in daily life. The major issues as per the survey were related to health and hygiene, disease management, Lack of greenery in these areas, proper utilization of non renewable resources and lack of awareness of renewable energy, waste management and kitchen safety. Hence we prepared a road map on addressing these issues and initial began with the major problem of health care. A team consisting of dedicated Doctors, nurses, faculty members and principal of the college was constituted and free health check up camps organized. Necessary medical check-up was done and accordingly medicines were provided. In major cases the patient is either prescribed medicines from outside or referred to hospitals for in detail check up. To create awareness pamphlets /leaflets /brochures related to public health were also distributed. Hundreds of beneficiaries participated in these camps and were satisfied with their disease diagnosis and



KLE SOCIETY'S

P. C. JABIN SCIENCE COLLEGE,

AUTONOMOUS, CPE PHASE -III

AFFILIATED TO KARNATAK UNIVERSITY DHARWAD
APPROVED BY UNIVERSITY GRANTS COMMISSION, NEW DELHI AND
GOVERNMENT OF KARNATAKA

**Accredited at 'A' Grade by NAAC
VIDYANAGAR, HUBBALLI-580031**

INTERNAL QUALITY ASSURANCE CELL

medicine prescription. Secondly we addressed other issues step by step by organizing cleanliness drives, workshops related to promotion of the use of solar energy, adoption of plants to promote afforestation, water conservation, minimal use of plastic, kitchen safety etc., Along with this various environment oriented and disease management awareness programs were also conducted periodically. Also Blood donation camps were organized frequently wherein staff and students donate blood for social cause.

Evidence of Success:

- The health camps conducted were successful and around 500 availed the free consultation.
- Positive impact of awareness programs regarding cleanliness and lifestyle diseases amongst the people and their management.
- Blood Donation camps instilled voluntary humanitarian service amongst youth and zeal to serve the people in need.
- Efforts to develop sustainable solutions for environmental conservation have been made by the community people after participating in awareness programs.

Problems encountered and resources required:

- Feasibility and selection of location for conduct of activities that would best benefit the members of the community to avail the service
- Logistics in getting the necessary equipments for organizing free health camps
- Requirement of a mobile health clinic
- Time constraint for the conduct of follow up check up camps
- Difficulty in getting prior consent from local administrators for the conduct of awareness programs



KLE SOCIETY'S

P. C. JABIN SCIENCE COLLEGE,

AUTONOMOUS, CPE PHASE -III

AFFILIATED TO KARNATAK UNIVERSITY DHARWAD
APPROVED BY UNIVERSITY GRANTS COMMISSION, NEW DELHI AND
GOVERNMENT OF KARNATAKA

Accredited at 'A' Grade by NAAC
VIDYANAGAR, HUBBALLI-580031

INTERNAL QUALITY ASSURANCE CELL

LIST OF PROGRAMS CONDUCTED

Sl. No	Title	Place	Date
FREE MEDICAL CAMPS			
1	Free medical camp	Inamvirapur	23-01-2018
2	Free Eye Check up camp	Rayanal	29-01-2018
3	Free medical camp	Byahatti	30-03-2018
4	Free medical camp	Byahatti	15-02-2019
5	Free medical camp	Siddhi Tribal Village, Gardolii	15-05-2019
6	Free medical camp	Siddhi Tribal Village, Gardolii	03-02-2020
7	Free medical camp	Shiraguppi	02-03-2020
8	Free medication and medicine distribution	Revadihal	22-04-2022
9	Free medication and medicine distribution	Navanagar	29-04-2022
10	Free Health Check and Medicine Distribution	Siddhi Tribal Village, Gardolii	30-09-2022
BLOOD DONATION CAMPS			
11	Blood Donation Camp	Collected at the institution and donated to govt. hospitals	26-01-2018
12	Blood Donation Camp		26-01-2019
13	Blood Donation Camp		26-01-2020
14	Blood Donation Camp		26-01-2021
15	Blood Donation Camp		10-11-2021
AWARENESS PROGRAMS			
16	Awareness program on Chikungunya	Taralgatta Govt School Students	07-09-2017



KLE SOCIETY'S

P. C. JABIN SCIENCE COLLEGE,

AUTONOMOUS, CPE PHASE -III

AFFILIATED TO KARNATAK UNIVERSITY DHARWAD
APPROVED BY UNIVERSITY GRANTS COMMISSION, NEW DELHI AND
GOVERNMENT OF KARNATAKA

Accredited at 'A' Grade by NAAC

VIDYANAGAR, HUBBALLI-580031

INTERNAL QUALITY ASSURANCE CELL

17	Awareness program on Health and Hygiene	Siddhi Tribal Village, Gardolii	04-07-2018
18	Awareness program on Chikungunya	Navangar, Gamangatti and Sutagatti Govt School studnets	14-07-2018
19	Awareness program on Cleanliness and Disease Management	Siddhi Tribal Village, Gardolii	21-12-2018
20	Mask and Sanitizer Distribution Abhiyan	Villagers of Adargunchi	16-04-2021
21	Mask and Sanitizer Distribution Abhiyan	Villagers of Byahatti	19-04-2021
22	Mask and Sanitizer Distribution Abhiyan	Siddeshwar Park	06-04-2021
23	Mask and Sanitizer Distribution Abhiyan	Public places	07-04-2021
24	Mask and Sanitizer Distribution Abhiyan	Govt. High School, Sulla	15-04-2021
25	Mask and Sanitizer Distribution Abhiyan	Shiraguppi	19-04-2021
26	Awareness program on Covid-19, Chikungunya and Dengue Diseases	Villagers of Gudenkatti and Alapur	12-08-2021
27	Awareness program on Covid-19, Chikungunya and Dengue Diseases	Villagers of Sulla and Byahatti	07-12-2021
28	Awareness Program on Kitchen Safety	Villagers of Mantur and Hireharkuni	16-02-2022
29	Mask and Sanitizer Distribution Abhiyan	Roadside vendors in Navanagar and Nekarnagar	08-02-2022
ENVIRONMENT SUSTAINABLE PROGRAMS			
30	Awareness program on Importance of Ozone Layer	Students of Lamington Boys and Girls High School	16-09-2017
31	Awareness program on Importance of Ozone Layer	Students of M R Sakhare School	16-09-2018
32	Say No to Plastic (Distribution of Paper Bags)	Byahatti Village	23-09-2019
33	Jala Shakti Abhiyan (Water Conservation And Management)	Byahatti Village	23-09-2019
34	One Student-One Tree Campaign	Byahatti Village	23-09-2019



KLE SOCIETY'S

P. C. JABIN SCIENCE COLLEGE,

AUTONOMOUS, CPE PHASE -III

AFFILIATED TO KARNATAK UNIVERSITY DHARWAD
APPROVED BY UNIVERSITY GRANTS COMMISSION, NEW DELHI AND
GOVERNMENT OF KARNATAKA

Accredited at 'A' Grade by NAAC

VIDYANAGAR, HUBBALLI-580031

INTERNAL QUALITY ASSURANCE CELL

35	Say No to Plastic (Distribution of Paper Bags)	Sulla Village	23-09-2019
36	Jala Shakti Abhiyan (Water Conservation And Management)	Sulla Village	23-09-2019
37	One Student-One Tree Campaign	Sulla Village	23-09-2019
38	Say No to Plastic (Distribution of Paper Bags)	Shiraguppi Village	24-09-2019
39	Jala Shakti Abhiyan (Water Conservation And Management)	Shiraguppi Village	24-09-2019
40	One Student-One Tree Campaign	Shiraguppi Village	24-09-2019
41	Say No to Plastic (Distribution of Paper Bags)	Adargunchi Village	12-09-2019
42	Jala Shakti Abhiyan (Water Conservation And Management)	Adargunchi Village	12-09-2019
43	One Student-One Tree Campaign	Adargunchi Village	12-09-2019
44	Say No to Plastic (Distribution of Paper Bags)	Sherewad Village	24-09-2019
45	Jala Shakti Abhiyan (Water Conservation And Management)	Sherewad Village	24-09-2019
46	One Student-One Tree Campaign	Sherewad Village	24-09-2019
47	Awareness program on Importance of Ozone Layer	Students of J K School	16-09-2019
48	Awareness program on Importance of Ozone Layer	Students of M R Sakhare School	16-09-2020
49	Awareness program on Importance of Ozone Layer	Govt Higher primary School, Sainagar and Paranvar Govt High School	16-09-2021