

Best Practice of the Department of Chemistry

Best Practice No. 4

Title of the Practice: Organization of various Skill Orientated Programmes

Goal: To develop various practical skill among the students and motivated them for research

The Context:

In this dynamic world, a single advantage will tip the balance to your benefit. Government of India has a special focus towards skill development to cater to the growing scientific sector. These initiatives are a welcome change because they enable students to actively analyze business paradigm and to expand their job opportunities. Many sectors require special skills to carry out research and innovation. Development of such skill removes the gap between theoretical knowledge and practical knowledge that is the actual fact. Organization of various skill-oriented programme not only develop the innovative thinking and provide the job opportunities but also create jobs for others.

The Practice:

- In order to encourage the initiative of skill India and Made in India, Department of chemistry took a lead to organized various skill oriented programme for the students.
- Department of Chemistry always a head to organize such types of skill-oriented programme to develop a bridge between the theoretical knowledge and practical work.
- Department of Chemistry took initiation for such skill-oriented programme which not only provides job opportunities to the student but also help students to provide Entrepreneurship.
- Department have organized Soap Making workshop for the students More than 400 students participated in this workshop.
- Department of chemistry took initiation to train the people of villages to identify the adulteration in food.
- Department have organized workshop of sanitizer preparation.
- Department of chemistry has organized Herbal products preparation workshop
- Department have organized Hands-on Training programme for P.G. students of chemistry.
- Department took initiation and organized workshop of Drug designing.
- The training of this various skills has not limited for the students of Shri R.L.T. College but it is open for all the students of other colleges, particularly the unemployed women of villages also.
- Dr. Poonam Agrawal worked as a Resource Person for Entrepreneurship programme organized by Sophia college Mumbai, where girls from this college took training of herbal products like, mosquito repellent, air freshener, massage oil, sun-screen lotion preparation, pain balm making and many more herbal products.
- Department Faculty members have organized workshop for unemployed women of adopted village on paper Bag making.
- Department has organized workshop on Aggarbatti (Essence Sticks) making.

Evidences of Success:

- Many students developed interest in soap and perfume making and they have tried at home the preparation of the same.
- During the pandemic condition of covid -19 departmental faculty members and students have prepared sanitizer and distributed to the needy people free of cost.
- Dr. Poonam Agrawal has awarded with Indian Govt. Patent for the preparation of Herbal sanitizer.
- One of our students has started his own Aggarbatti making business.
- One of our student Ms. Shraddha Aakhare has been awarded with color coat for preparation of silver nanoparticle-based sunscreen lotion.
- One of our students Ms. Apurva Shah has been awarded with color coat of S.G.B. Amravati University for antidandruff oil preparation.

Resource Required:

Many essential oils are required for various products. Trained Resource persons are required.

Problem Encountered:

1. Financial support is a big problem as all the workshop have been organized for students for free of cost.

Head,

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