

B. K. M. Science College, Valsad

BEST PRACTICE-1

TITLE OF THE PRACTICE- Candle Making

Candles have been used for luminosity and to light up man's celebrations for more than thousand years. The development of candle to the present stage went through several stages. Candle making today has taken a shape of small scale industry. It has got attention of a lot of people. From celebrities to designers all are trying their hand in this emerging industry. One pertinent reason is that the use of candle now has not been confined only for devotional purpose or some special occasion. They are now a part of every single moment, special or routine. They add a touch of warmth in the occasion and that makes it largely popular.

AIM AND OBJECTIVE OF THE PRACTICE:

Small scale industries like candle making can create a lot of employment opportunities, especially in rural areas where globalization may not have totally permeated.

A lot of small industries are owned and operated by the women, this gives a very handy push to women empowerment, too. Small scale sector can stimulate economic activity and is entrusted with the responsibility of realizing the following objectives:

To create more Employment Opportunities with Less Investment.

To uplift the backward class of rural as well as urban areas.

To mobilize and ensure optimum utilization of unexploited resources of the country.

To ensure equitable distribution of income and wealth.

To provide employment.

To attain self-reliance.

To adopt latest technology aimed at producing better quality product at lower costs.



THE CONTEXT:

Keeping this view in mind and to explore the creative Scientific potentials in the young mind of the students, the Chemistry Department of B. K. M. Science College, had organized three days workshop on "Candle Making" during 05-09-2018 to 07-09-2018. There were total registration of 72 students and among them there were total 36 boys and 36 girls and they were divided into seven batches.

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THE PRACTICE : Date:- 05/09/2018 to 07/09/2018

Division of Batches

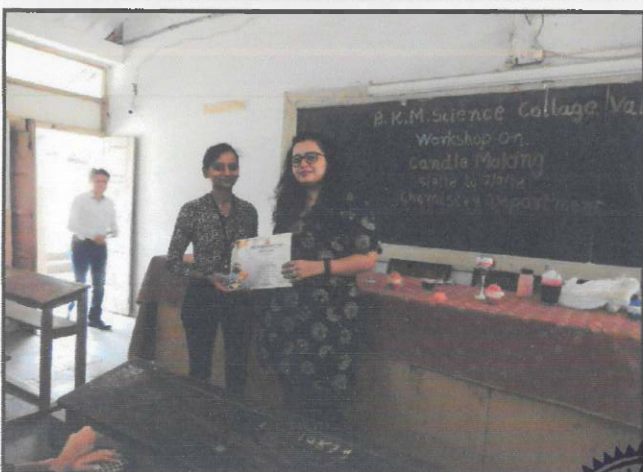
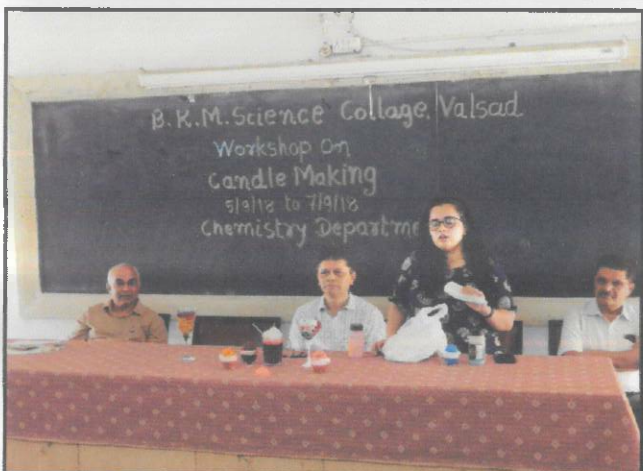
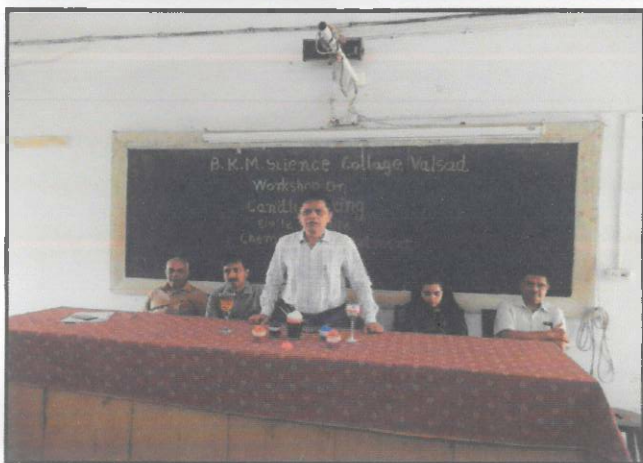
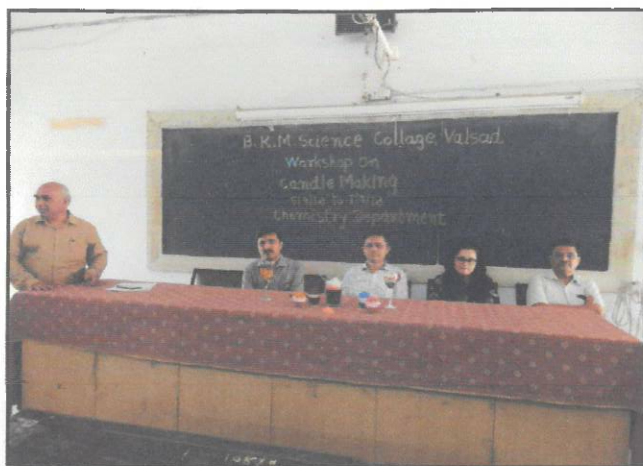
Date	Batch	Boys	Girls	Total
05-09-2018	I	6	4	10
05-09-2018	II	5	5	10
06-09-2018	III	4	6	10
06-09-2018	IV	5	5	10
07-09-2018	V	7	3	10
07-09-2018	VI	7	3	10
07-09-2018	VII	2	10	12
	TOTAL	36	36	72

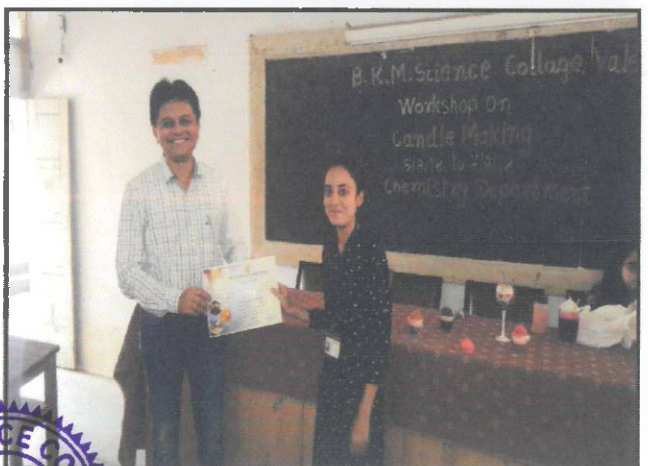
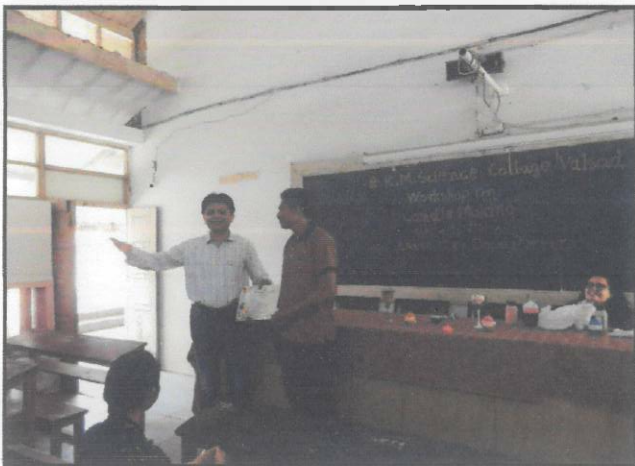
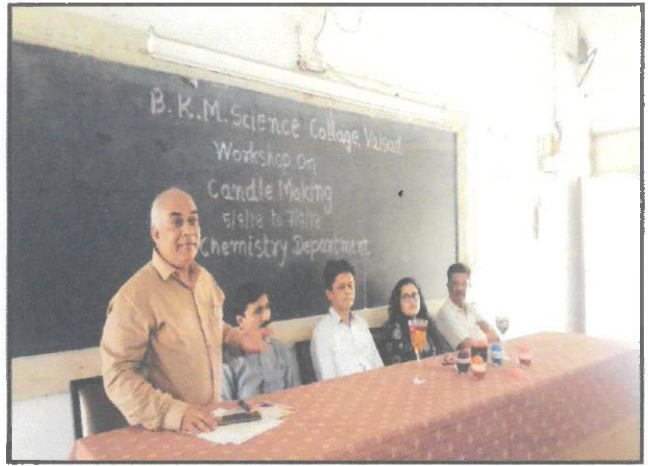
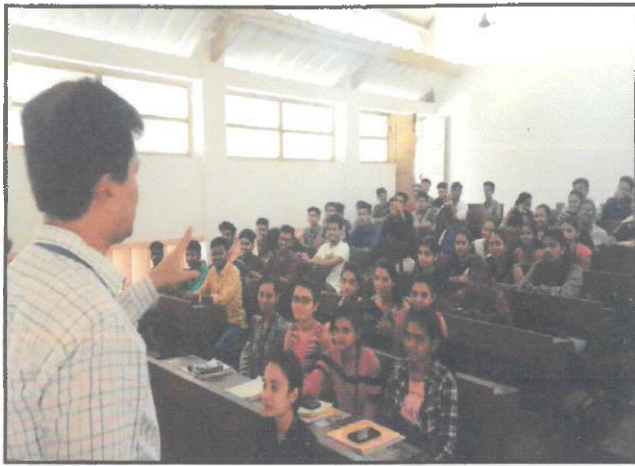
During the training the students were informed how to measure the wax, how to cut it, how to shape it etc. Such things were taught them in a well mannered way by using the latest techniques with the help of the expert. Through this the students have learnt the different usages of candle to illuminate the place and to make it beautiful. By this small training they will have idea about Gruh Udyog and with that they can manage their survival.



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BEST PRACTICE – 2

TITLE OF THE PRACTICE: Agarbatti (Incense Stick) Making

Incense sticks also called agarbattis are fragranced sticks used from ancient period by people all over the world. The evolution of incense stick could be from the burning of aromatic woods in the primitive period. As mankind gained civilization and became more religious, these fragranced agarbattis played important role in daily rituals.

Agarbatti is an Indian Hindi terminology which is otherwise popularly known worldwide as 'Incense Sticks' and as the name itself suggests, they are thin bamboo sticks of about 8" to 12" length coated with paste of fragrance of natural ingredients extracts of scented flowers or majorly forest yield. Agarbattis have huge potential as a manufacturing business because its demand is at all-time high and go even higher during festivals. More than 90 countries use Agarbattis and India is the sole producer of these Incense Sticks that caters to the demands of the people.

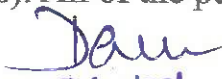
OBJECTIVE OF THE PRACTICE:

- To increase employment opportunities while reducing investment.
- To alleviate rural and underdeveloped economies' economic backwardness.
- To alleviate regional inequity.
- To organize and ensure the best possible use of the country's untapped resources.
- To raise people's living standards.
- To ensure that income and riches are distributed fairly.
- To address the issue of unemployment.
- To achieve self-sufficiency.
- To use the most up-to-date technology in order to provide a higher-quality

THE CONTEXT:

In order to explore the creative Scientific potentials in the young minds of the students, the Chemistry Department of B.K.M.Science College held a three-day workshop on "Agarbatti (Incense Stick) Making" from January 23 to January 25, 2019. This session drew a total of 78 pupils (22 boys and 56 girls). All of the pupils were




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divided into eight groups. Mr. Durgesh A. Parekh, proprietor of Agarbatti Industries, led the training programme. He discussed about the fully automatic incense stick machine, its cost, and benefits, as well as Agarbatti Premix Powder and the use of bamboo sticks.

THE PRACTICE : DATE : 23/01/2019 to 25/01/2019

During this workshop students get the training in the following batches

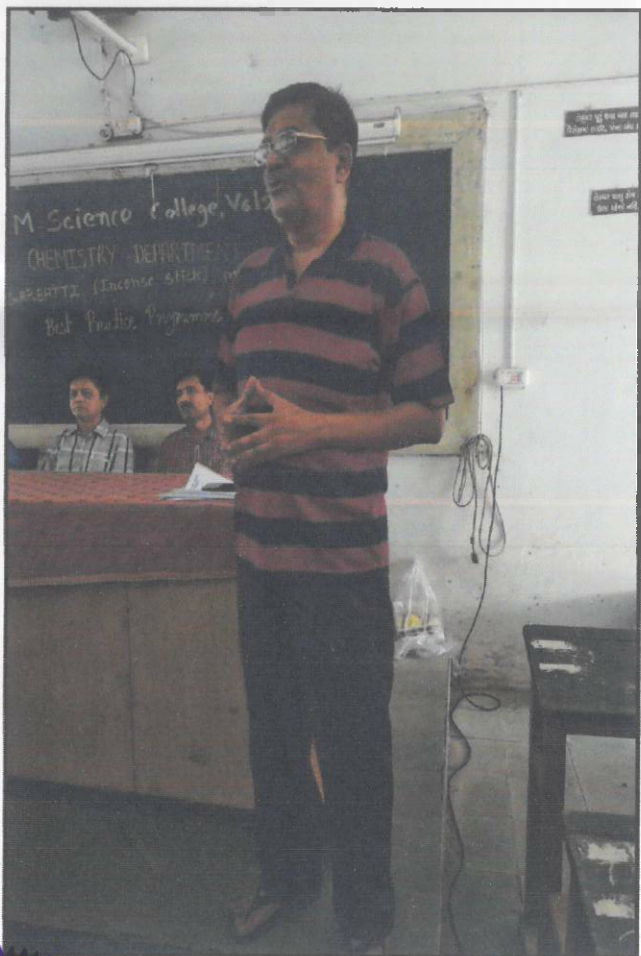
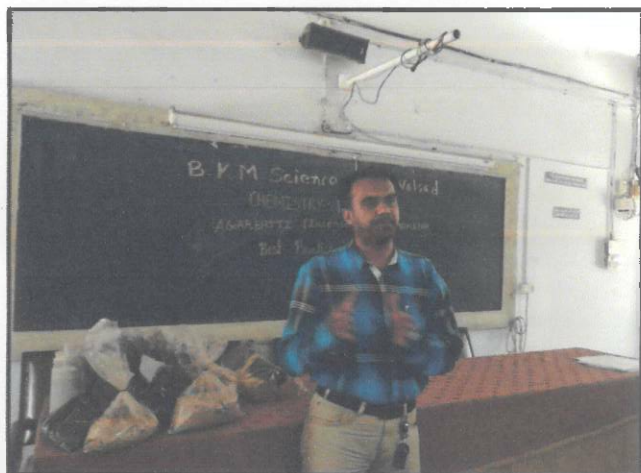
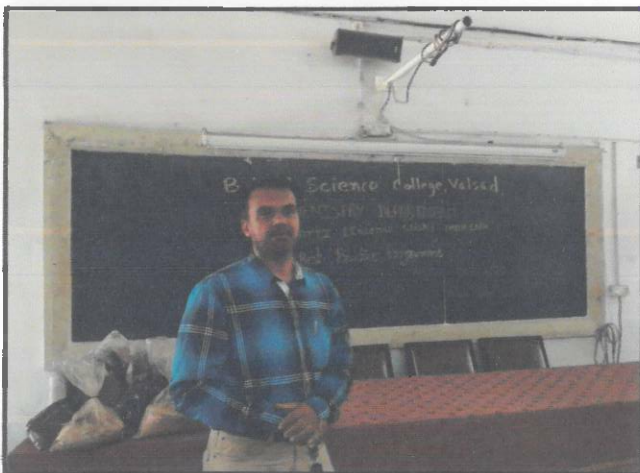
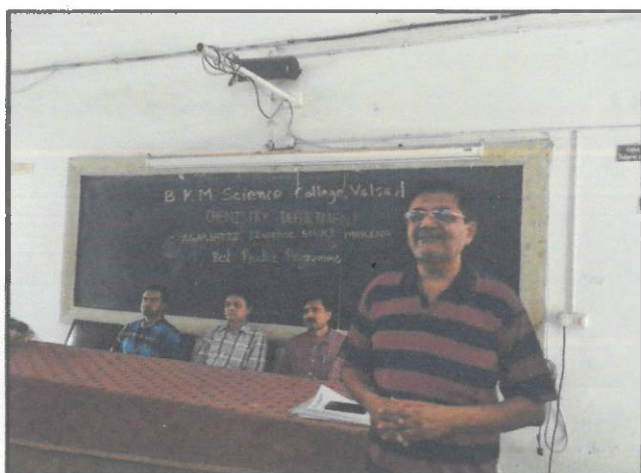
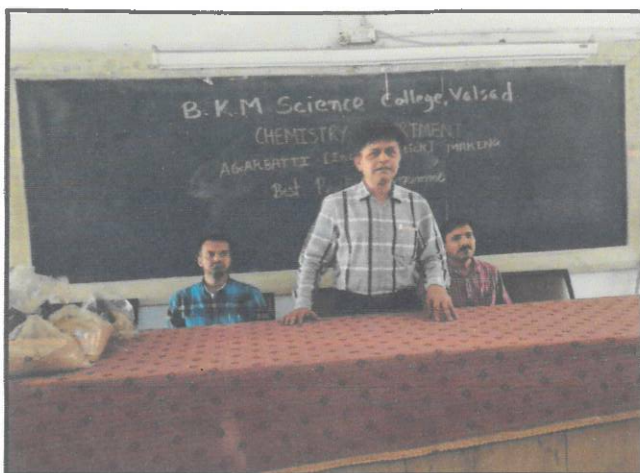
Date	Batch	Boys	Girls	Total
23-01-2019	I	4	6	10
23-01-2019	II	1	9	10
23-01-2019	III	0	10	10
23-01-2019	IV	3	7	10
23-01-2019	V	8	0	08
24-01-2019	VI	0	10	10
24-01-2019	VII	0	10	10
25-01-2019	VIII	6	04	10
	TOTAL	22	56	78

In the training session the students were given the general steps involving in the making of incense such as: the raw materials are powdered and then mixed together with a binder to form a paste, which, for direct burning incense, is then cut and dried into pellets. The basic ingredients of an incense sticks are bamboo sticks, paste which is generally made of charcoal dust or sawdust and joss/jiggit/gum/tabu powder- an adhesive made from the bark of litsea glutinosa and other trees and the perfume ingredients are added to make it pleasant.

The success of the training was that the institution has made the students aware about the making of incense, to visit the factory so that they can have live experience on a large scale and enable them to think over small scale business, too.



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B. K. M. Science College, Valsad

Dr. Moghabhai Vidhya Sankul, Shri Morarji Nagar, Tithal Road, Valsad -396 001.

Certificate

This is to certify that

Mr./Miss.....

of..... has

attended the Workshop on

"Agarbatti (Incense Stick) Making"

under Students Best Practice Programme

organized by the Department of Chemistry,

B.K.M. Science College, Valsad,

During the Period 23-01-2019 to 25-01-2019

Dr. P. R. Patel
Co-ordinator

Prof. K. T. Parekh
Head of the Department

Dr. Vikas A. Desai
Principal

