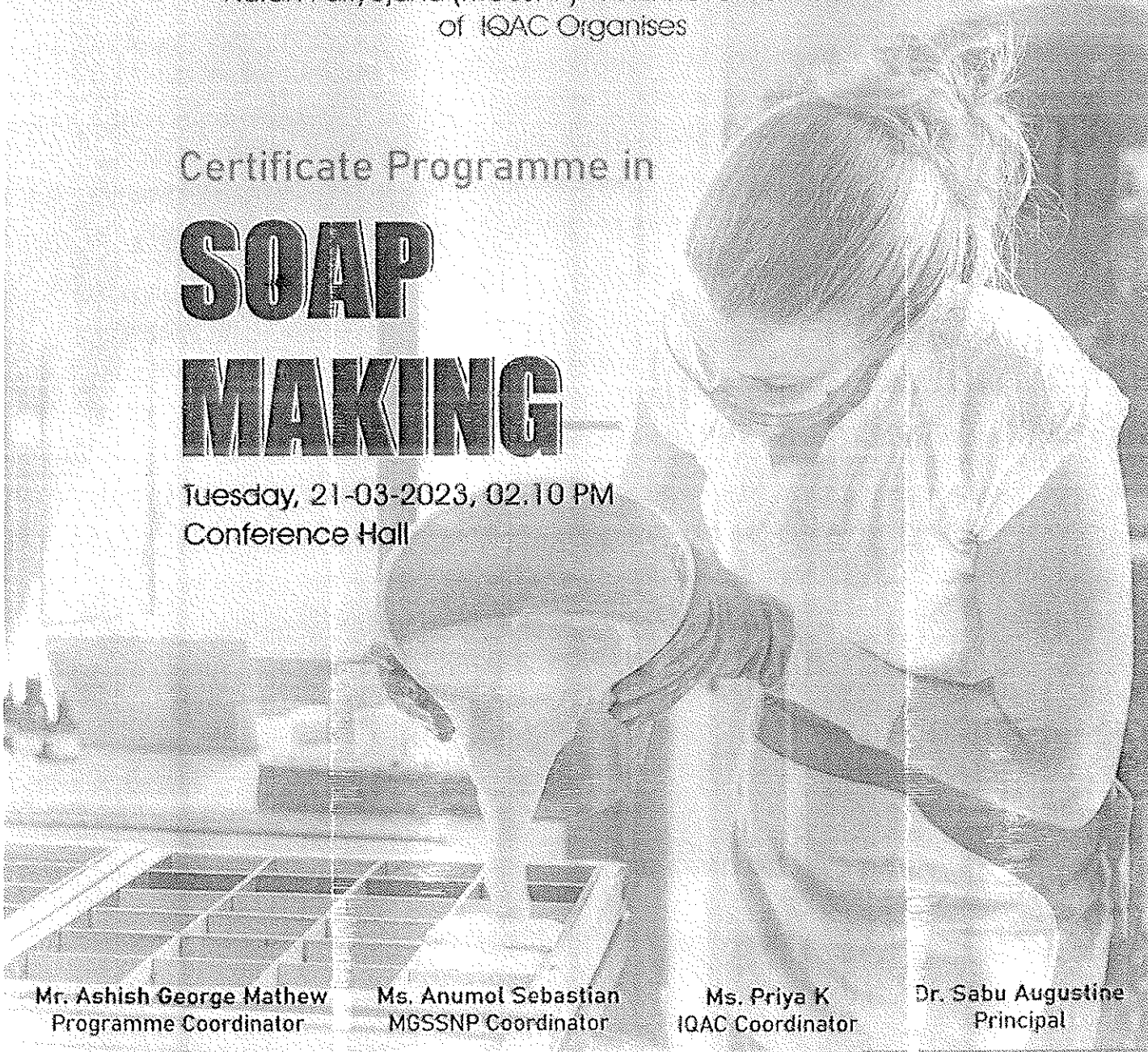


Mahatma Gandhi Swayam Sakthikaran  
 Nutan Pariyojana (MGSSNP) - An Innovative Practice  
 of IQAC Organises

Certificate Programme in

# SOAP MAKING

Tuesday, 21-03-2023, 02.10 PM  
 Conference Hall



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 MGSSNP Coordinator

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**JPM ARTS AND SCIENCE COLLEGE**

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## REPORT OF CERTIFICATE PROGRAMME IN SOAP MAKING

Mahatma Gandhi Swayam SakthikaranNutanPariyogana conducted a Certificate Programme in Soap Making at 21/03/2023. MGSSNP is an innovative practice of IQAC. Class was taken by the Students of Social Work Department. The main aim of MGSNNP is to empowering the students to take control, to function and to lead fulfilling lives and makes them self dependent.

A soap making certificate program is a specialized training program that provides participants with the knowledge and skills required to make soap, whether for personal use or for sale. These programs typically cover the science behind soap making, the different types of soap-making ingredients, methods, and equipment used in the process, as well as safety practices and regulations related to soap making.

The goal of a soap making certificate program is to provide participants with a comprehensive understanding of the soap making process, so they can create high-quality, safe, and effective soap products. Upon completion of the program, participants are typically awarded a certificate that verifies their completion of the program and their proficiency in soap making.

### OBJECTIVES OF SOAP MAKING PROGRAMME

1. Learning the basics of soap making: Participants learn about the different types of soap making methods, ingredients, equipment, and safety procedures.
2. Understanding the science of soap making: Participants learn about the chemistry behind soap making and how different ingredients and methods can affect the properties of soap.

3. Developing soap making skills: Participants learn how to formulate and create different types of soap using various techniques, including cold process, hot process, and melt and pour soap making.
4. Safety: Participants learn about the potential hazards associated with soap making and how to take proper precautions to ensure their safety.
5. Quality Control: Participants learn how to evaluate and test the quality of their soap and troubleshoot common soap making issues.
6. Marketing and sales: For those interested in selling their soap products, some courses may include instruction on marketing, branding, and sales strategies.

### Soap Making Process

The programme began with a brief introduction to soap making, its history, and the different types of soaps available in the market. Kumari Sreelekshmi explained the chemical reaction that takes place during the soap making process, and the importance of the different ingredients used in making soap.

The students were then divided into groups of five, and each group was given a recipe for making soap. The ingredients included coconut oil, palm oil, olive oil, sodium hydroxide, and distilled water. The students were instructed on how to measure the ingredients and mix them in the right proportions.

The students then heated the mixture on a hot plate and stirred it until it reached a thick consistency. The mixture was then poured into molds and left to cool for a few hours.

### Chemistry of Soap Making

While the soap was cooling, Sreelekshmi and Alfin conducted a session on the chemistry of soap making. He explained the properties of soap, how it works, and the importance of the different ingredients used in soap making. They also explained how the pH level of soap affects its cleaning properties and demonstrated how to test the pH level of soap.

## Conclusion

The soap making programme was an informative and enjoyable experience for the students. They learned the process of soap making and the chemistry behind it, which will help them in their future studies and careers.



MR. ASHISH GEORGE  
COORDINATOR



MS. ANU SEBASTIAN  
MGSNNP COORDINATOR



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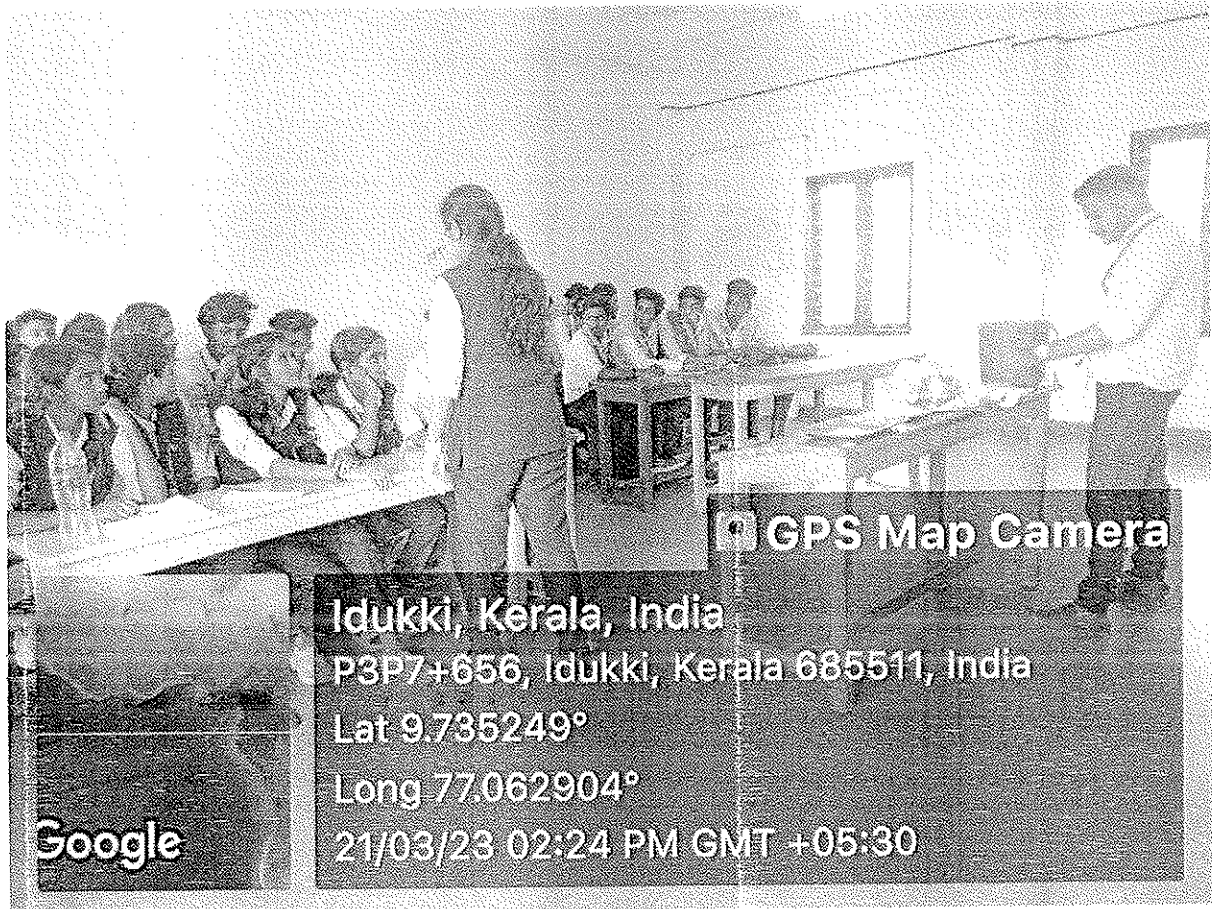


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SOAP MAKING CLASSES

INGREDIANTS INTRODUCTION



GPS Map Camera

Idukki, Kerala, India

P3P7+656, Idukki, Kerala 685511, India

Lat 9.735249°

Long 77.062904°

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SOAP MAKING EXPERIMENTS

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