



SS INSTITUTE OF PHARMACY

(A unit of VS Educational & Charitable Trust)

Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi.
Affiliated to the Tamilnadu Dr. M.G.R. Medical University,
and The Directorate of Medical Education, Chennai.

Date : 28.06.2022

To

Mr . Abdul Lathiff,
The Managing Director ,
Arbour pharmaceuticals ,
Trichy.

Dear Sir,

Sub: Request financial support and guidance for R&D work in Funded Project-Reg

This letter is to bring to your kind notice that we (SS Institute of pharmacy , Salem) are involving our staffs and students in the Research-oriented activities. In this regard, we request you to grant the permission to do the consultancy related project in the title " Nicotine Detection kit " associated with your organization. So that, it will enrich our knowledge and develop innovative ideas of social relevance.

Investigator: Mrs.P.Nandhitha, AP / SSIP

Thanking You



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To

Mrs.P.Nandhitha
Assistant Professor ,
SS Institute of pharmacy ,
Sankari. Salem .

Dear sir ,

Subject : Acceptance and provision of financial assistants for funded project – Reg.

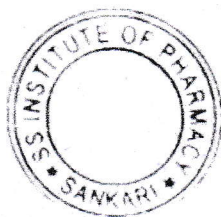
We are happy to intimate that the proposal submitted on project work titled *Nicotine Detection kit ' has been approved by our organization for possible funding of Rs. 97,000 / - (Ninty seven thousand) as the project seems to be innovative. We request the Principal Investigator to submit the monthly report.

Project title	Principal Investigator	Project duration
Nicotine Detection kit	MrsP.Nandhitha , AP/ SSIP	1 years

Thanking you

A handwritten signature in black ink, appearing to be "A. Arun".

Arbour pharmaceuticals ,
Trichy.



A handwritten signature in black ink, appearing to be "J. Arun".
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ABSTRACT

Nicotine Detection Kit

The research involves the development of a rapid and easy-to-use nicotine detection kit designed for both clinical and personal use. Nicotine is a potent stimulant commonly found in tobacco products, and its detection is critical for monitoring smoking habits, cessation efforts, and preventing nicotine misuse. The detection kit is designed to offer a quick, accurate, and non-invasive method for identifying nicotine levels in saliva. The primary objective of the research is to develop a user-friendly kit that provides reliable results with minimal technical expertise required. Key components of the kit include a reagent strip that reacts specifically with nicotine, producing a color change to indicate the presence and concentration of nicotine. The research focuses on optimizing the sensitivity and specificity of the detection strip to ensure accurate readings across various nicotine concentrations. Validation of the kit will involve comparative testing with laboratory methods such as high-performance liquid chromatography (HPLC) to confirm its accuracy. The outcomes of this study aim to make nicotine detection more accessible, providing a practical tool for healthcare providers and individuals looking to monitor nicotine exposure effectively.




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