

Manufacturing Solutions for the Preparation of Siddha Medicines

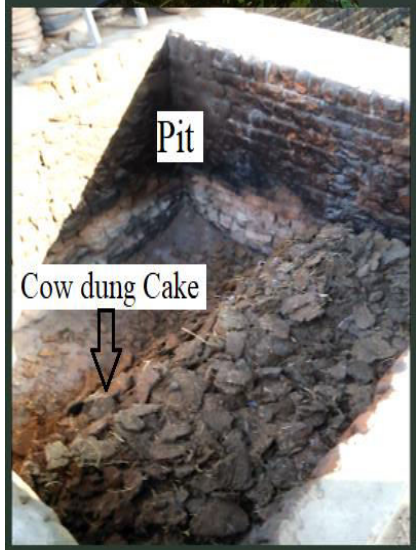
Sponsoring Agent-IMPRINT

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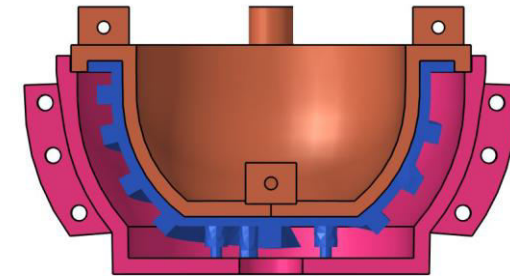
- Prime objective is to address few major difficulties in preparation of certain siddha medicines. Some of the difficulties including
 - Expert specific dependency,
 - Safety during preparation,
 - Inconsistency and non availability of materials(not raw materials) used in manufacturing,
 - Inconsistency due to the variation of environment prevailed while manufacturing
- To quantify the process parameters including heating rate, cooling rate by measuring temperature –time, pressure –time like Time-Temperature graph, role of air pressure & gaseous interactions inside the earthen chambers & others.

In the ancient days whatsoever resources were available in those days were used to prepare these medicines were used.

In the present work, experts from engineering materials, machine design, manufacturing engineering, chemistry, chemical engineering, siddha medicine and pharmacology will be utilized to prepare standardized siddha medicines.



Existing Practice: Pudam (Calcination)



CAD Model



3D Printed Heating Mould



Table Top Pudam Unit