

A process for preparation of Holey/ Lacey films

- This technology is specifically designed to offer simple and reproducible holey/lacey support film useful in electron microscopy.
- This technology relates to a process for preparation of holey/lacey support film useful in electron microscopy.
- **Milestones achieved:**
 - **IP Status:** An Indian patent has been granted and patent number is 279193.
 - **USP of technology:**
 - a. This technology is very effective in electron microscopy as there is a tremendous requirement for simple, reproducible holey/lacey plastic and other polymer films. The requirement has increased manifold with the advent of cryoelectron microscopy.
 - b. Holey films are also used for checking astigmatism, resolution and stability of the electron microscope. .

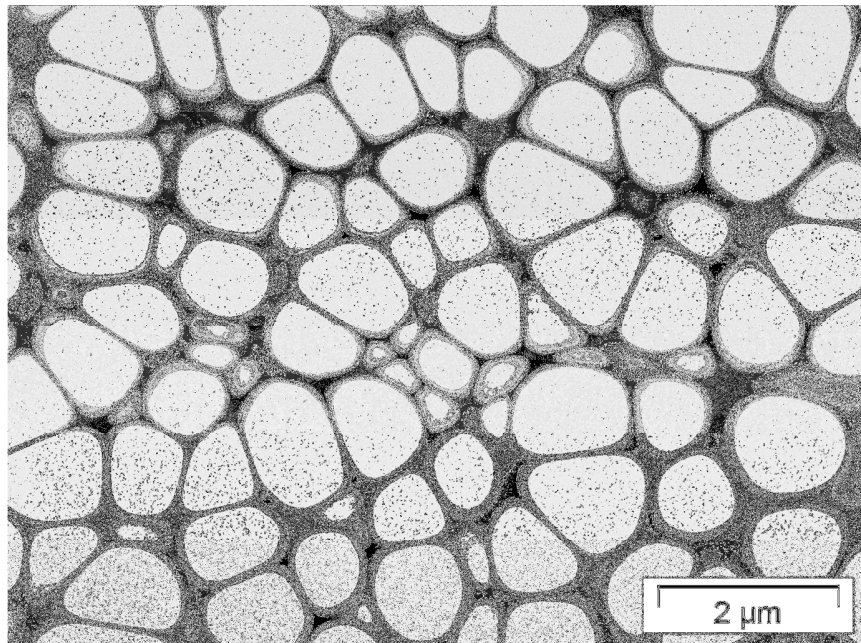


Figure 1: Electron micrograph of the holey/lacey film prepared by the present method. The photomicrograph shows the distribution of the holes in the support film.

- Technology was developed at National Institute of Cholera and Enteric Diseases, Kolkata an intramural institute of ICMR.
- ICMR is seeking potential collaborators for the validation of technology.