

**Vimala College (Autonomous),
Thrissur**



Department of Botany

**Standard operating procedure
For
BoD Incubator**

**Funded by
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Operation:

- Ensure BoD incubator was connected properly to the power supply
- Switch on the incubator by turning on / off switch to on.
- Temperature controller will show set value and process value.
- Adjust required temperature by SET key in temperature controller- press up or down key- when desired temperature is displayed on screen press ENT.
- Keep the samples inside chamber and close the door.
- Ensure the door is closed properly.
- Monitor temperature on display
- Temperature should not vary $\pm 1^{\circ}\text{C}$
- If any discrepancies found, immediately inform the lab assistants.

Cleaning :

- Cleaning frequency (once in a week)
- Remove shelves/ tray
- Spray chamber inner surface with ethanol for disinfection
- Insert trays back in the incubator
- Turn on incubator after confirming no smell of disinfectant inside the chamber

Maintenance :

- Always clean the incubator after use.
- Clean temperature sensor probe every 2 months with soft cloth
- Check air circulation fan
- Check working of temperature safety thermostat

Always record usage of incubator in log book