

Malati Dessai

Assistant Professor,
Department of Physics,
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EDUCATION :

M.Sc. Physics (Goa University)

Currently pursuing Ph.D. on : " Theoretical Modelling of Scanning Tunnelling Microscopy " under the guidance of Prof. Arun V. Kulkarni, Professor, Physics Department, BITS-Pilani, K. K. B. Goa campus, Goa

Research Project Completed:

Completed Minor Research Project (UGC MRP: Ref. No. F.47-033/2003) on the topic: "On the role of air-sea Interaction parameters & fluxes over the tropical Indian ocean."

Publication:

Malati Dessai and Arun kulkarni Published a paper, "Calculation of tunneling current across trapezoidal potential barrier in a scanning tunneling microscope", Journal of Applied Physics, 132, 244901 (2022). <https://doi.org/10.1063/5.0132208>

SKILLS

LINUX , Fortran and Python programming, Mathematica, Microsoft Office, LaTeX