

Possible Contribution from Central University of Tamil Nadu for ePIC@EIC

Manpower:

Faculty: Nirbhay Kumar Behera

Student: BS-MS students (2)

Past Research Experience:

- **Experiment:** STAR, ALICE and CMS
- **Physics Analysis:** Correlation-fluctuations, light and heavy-flavor production measurement.
- **Detector:** STAR TOF detector simulation, characterisation, testing and module assembly for ALICE ITS upgrade

Proposal to contribute in:

- Simulation study for light and heavy-flavor production with different model.
- Detector simulation