Guiding experience:

Apart from teaching Ph.D students, I have been actively involved in guiding students for their Ph.D. These students have worked on areas such as perturbative Quantum Chromodynamics (pQCD), higher order QCD radiative corrections, precision physics, Higgs physics, large extra dimension models and effective field theory approach to study beyond the Standard Model physics. The works delivered from us play an important role in physics studies at the Large Hadron Collider at CERN, Geneva. Some of the pQCD results from our group belong to the catagory of most precise predictions in the context of Higgs rapidity distribution, Drell-Yan production from pQCD and Jet functions in Soft Collinear Effective theory and they are widely used by the experimental high energy physics community.

- Ph.D. Students (completed):
  - Anurag Tripathi, completed in 2009
  - Manoj Mandal, completed in 2015
  - Maguni Mahakhud , completed in 2015
  - Taushif Ahmed , completed in 2016
  - Narayan Rana , completed in 2016
  - Prasanna Kumar Dhani, completed in 2017
  - Pulak Banerjee, completed in 2017
  - Amlan Chakraborty, completed in 2020
  - Pooja Mukherjee, completed in 2021
  - A.H. Ajjath, completed in 2021
  - Aparna Sankar, completed in 2022
  - Surabi Tiwari, completed in 2022

  Current Ph.D. Students:
  - Vaibav Pathak
  - Sourav Goyal

  Co-guide to Ph.D. Students:
  - Neelima Agarwal, completed in 2011.
  - Arpan Kundu,
  - Lalit Saini completed in 2023.
  - Toshali Mitra completing in 2023.
- Post Doctoral Fellow:
  - Dr K. Hasagawa
  - Dr M.C. Kumar
  - Dr Goutam Das
- Ph.D students collaborated

– Dr Swapan Kumar Majhi
– Dr Ambresh Shivaji
– Dr Javier Mazzitelli
– Dr Satyajit Seth
– Ms Arunima Bhattacharya

Updated on May 16, 2023