**Research Papers/published work/presented: (With Topics):**

1. Paper presented entitled “ Modelling the dynamics of multi-variant SARS- Cov2 virus and estimating its impact o Covid-19 burden” in international conference on Mathematical Modelling and Computational Intelligence in association with Rajiv Gandhi Prodyogiki Vishwavidyalay, Bhopal (M.P.) India and organized department of engineering mathematics, Lakshmi Nnarain College of Technology & Science (M.P.) India (15th -16th july 2022).
2. paper presented entitled “ Effectiveness of Vaccination Strategy in Controlling Covid-19 infections- A Mathematical Modeling Study” in 6 International conference of vijnana parishad of india (vpi) on Recent Advances in Computational Mathematics and Applied Sciences (IC-RA-CMAS-2022) 9 December 2022-11 December 2022 in Manav Rachna International Institute of Research and Studies (Deemed to be University) Faridabad, Haryana,India.