❖ Research article published in **international journals**

1. **Govind Prasad Sahu(2025)**, Discrete dynamics of an epidemic model incorporating a control strategy, Journal of Mathematical and Computational Science, 1927-5307

2. **Govind Prasad Sahu(2025)**, Modeling the COVID-19 Dynamics with Omicron Variant, Non-pharmaceutical Interventions, and Environmental Contamination, Springer, 0974-6870

3. **Govind Prasad Sahu(2025)**, Mathematical Modelling on Dynamics of Multi-variant SARS-CoV-2 Virus: Estimating Delta and Omicron Variant Impact on COVID-19, IAENG International Journal of Applied Mathematics, 1992-9986 (online version); 1992-9978 (print version)

4. Satpal Panika, **Govind Prasad Sahu(2023)**, Mathematical Attitude of Continuous Mutation of Covid-19 Virus, European Chemical Bulletin, 2063-5346

5. Kumar Rakesh, Sharma Anuj Kumar, **Sahu Govind Prasad** (2021). Dynamical Behaviour of an Innovation Diffusion Model with Intra-Specific Competition between Competing Adopters. Acta Mathematica Scientia, Springer (SCIE Indexed, Impact Factor:).

6. **Sahu, Govind Prasad**, & Dhar, Joydip (2015). Dynamics of an SEQIHRS epidemic model with media coverage, quarantine and isolation in a community with pre-existing immunity. *Journal of Mathematical Analysis and Application*, 421(2), 1651-1672. (SCI indexed, Impact Factor: 1.119).

7. **Sahu, Govind Prasad**, & Dhar, Joydip (2012). Analysis of an SVEIS epidemic model with partial temporary immunity and saturation incidence rate. *Applied Mathematical Modelling*, 36(3), 908–923 (SCI indexed, Impact Factor: 2.158).

8. Chaudhary, M., Dhar, Joydip, & **Sahu, Govind Prasad** (2013). Mathematical model of depletion of forestry resource : effect of synthetic based industries. *World Academy of Science, Engineering and Technology: International Journal of Biological Sciences*, (4), 798–802.

9. Dhar, Joydip, Sharma, A. K., **Sahu, Govind Prasad**, & Bhatti, H. S. (2011). Mathematical modelling and analysis of viral disease outbreak with partial immunity and incubation period. *Bio - Physics*, 37, 3691–3695.

❖ **Invited Talk/Guest Lecturers at Conference/Workshop/Symposia: 10**
❖ **Research article presented in international conference : 06**
❖ **Research article presented in national conferences : 10**
❖ **National/International Workshop/Short Term Course/ Symposia Attended: 20**