

Name : Prasanna Kumar G V  
Present designation : Professor  
Email and mobile/landline number : [prasanna@niftem.ac.in](mailto:prasanna@niftem.ac.in),  
[prasanna.niftem@gmail.com](mailto:prasanna.niftem@gmail.com), 8638941500,  
9435638360, +91-130-2281043



Educational Qualification with affiliation : Ph.D., IIT Kharagpur

Post-Doc assignments : -

Working with NIFTEM since : June 2020

Areas of interest and specialisation : Post Harvest Engineering, Non-thermal Processing, Renewable Energy Applications, Carbon Footprint and Carbon Capture Technologies

Research projects (ongoing) : -NIL

Research projects (Completed) : -NIL

Books edited : -NIL

Research publications (Top 5-10) :

- Baruah, N., Prasanna Kumar, G.V., Khobragade, C.B. and Dihingia, P.K. 2023. Performance of solid desiccant dehumidifier for low temperature drying applications. J. of Hill Farming, 34(2): 70-75.
- Kamboj, A., Chopra, R., Singh, R., Saxena, V. and Prasanna Kumar, G.V. 2022. Effect of pulsed electric field parameters on the alkaline extraction of valuable compounds from perilla seed meal and optimization by central composite design approach. Applied Food Research, 2(2), 100240
- Baruah, N., Prasanna Kumar, G.V. and Khobragade, C.B. 2022. Desiccant dehumidification: a potential method for different drying and cooling applications. Russian Journal of Physical Chemistry B, 16: 1151-1163.
- Dihingia, P.K., Khobragade, C.B., Prasanna Kumar, G.V. and Saikia, A. 2022. Development and performance evaluation of a power tiller operated ginger planter. J. of Hill Farming, 34(2): 236-242.
- Shyam, S., Das, T. Prasanna Kumar, G.V. 2021. Co-composting invasive aquatic macrophytes and pond sediment holds the potential for environmental amelioration: Selecting the right shade of grey. Acta Ecologica Sinica, 42(1): 17-23.
- Prasanna Kumar, G.V., Paul, S.K., Khobragade, C.B., Bania, B. and Sengupta, D. 2020. Requirements of mixed tangerine (Citrus tangerine) and pineapple (Ananas comosus) powdered peel wastes fermentation for citric acid production. J. of Scientific Research and Development, CIGR Agricultural Engineering International, 22(2): 194-207. ISSN: 1682-1130.

- Dihingia, P.C., Lairenjam, C., Zimik, W. and Prasanna Kumar G.V. 2020. Ergonomic evaluation of tea leaf plucking in Assam. *J. of Hill Farming*, 33(1): 92-99.
- Baruah, N., Prasanna Kumar, G.V. and Khobragade, C.B. 2019. Feasibility study of various organic fibers as potential desiccant materials. *Russian J. of Physical Chemistry B*, 13(6): 969-974.
- Mandal, S., Prasanna Kumar, G.V., Bhattacharya, T.K., Tanna, H.R. and Jena, P.C. 2019. Briquetting of pine needles (*Pinus roxburgii*) and their physical, handling and combustion properties. *Waste and Biomass Valorization*, 10(8): 2415-2424.

Awards/Fellowships/ Special Attainments : -