

प्रो० नन्द गोपाल साहू प्रभारी, प्रो०राजेन्द्र सिंह नैनोसाइंस एण्ड नैनोटैक्नोलॉजी सेन्टर, रसायन विज्ञान विभाग, डी.एस.बी. कैम्पस, नैनीताल

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Certification of Collaboration for research

This is to acknowledge that Prof. Rajendra Singh Nanoscience and Nanotechnology Centre has been in active research support and collaboration from 2014 with Dr. Souvik Basak, Associate Professor, Division of Pharmaceutical Chemistry, Dr. B. C. Roy College of Pharmacy & Allied Health Sciences, Durgapur, WB, India. In this collaboration, we contributed in mentoring the design of various experiments, particularly on polymer fabrication, graphene based works, phytochemistry, instrumental analysis and chemical aspects of research. On the liaison, Dr. Basak has worked in drug design by computational chemistry and biological techniques, various pharmaceutical and biomedical experimental design, analytical and biological studies and others. Both have actively participated in contributing to writing of various research articles, book chapters and review articles. We have actively participated in achieving one Indian Patent on Natural Degradation Products on Promethazine Compound (Indian Patent number 352905, Date of Grant: 03.12.2020). As an outcome, several papers have been published in internationally reputed journals such as International Journal of Biological Macromolecules, Journal of Pharmacy and Pharmacology, Current Analytical Chemistry, Journal of Material Chemistry B, Colloids and Surface B: Biointerfaces, Food Chemistry, Polymer Reviews, Journal of Chromatographic Science and Others. Furthermore, as a part of current research, we are engaged in application of second Indian Patent. We are hopeful to carry this collaborative research in future activities such as project application, writing grants and patents, publishing papers among others.

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