

## DETAILS OF PATENTS

Application No	Patent No	Country	Date of filing patent	Date of granting patent	Title of Invention	Name of patentees	Any other relevant Information
201611016081	352780	India	09.05.2016	09.05.2016	A process of Manufacturing Graphene	N.G. Sahoo, Sandeep, M. Karakoti, V.D. Punetha	Transferred the Technology to HeXorp PVT. Ltd, India through NRDC, Govt. of India, 2019
201611024795	352905	India	20.07.2016	20.07.2016	Natural Degradation Products of Promethazine Compound	S. Basak, N.G. Sahoo, R. Das, Neha	
202011011434				27.03.2020	Hydro-Solvo-Thermal Graphene Oxide Synthesis Method	N.G. Sahoo, C. Tewari, S. Pande, M. Karakoti, S. Dhali, H. Tewari, G. Tatrari, A.B. Melkani	
202011017344					Polyamidoamine (PAMAM) dendrimer/ZnO-PEG nanoparticles (NPs) – grafted reduced graphene oxide based face mask and fabrication process thereof	N.G. Sahoo, Sandeep Pandey, Sunil Dhali, M. Karakoti, Chetna Tewari, Gaurav Tatrari	
202011018342					Highly Efficient Graphene-Soap Based Spray Paints for the Efficient Killing Of Corona viruses and preparation process thereof	Manoj Karakoti, Sandeep Pandey, Sunil Dhali, Chetna Tewari, Anurag Srivastava, Reena Srivastava, NG Sahoo	

202011019296					A process of manufacturing highly porous 3D graphene nano-flakes (HP3DGNFs) doped with alkali and transition metals	N G Sahoo, Gaurav Tatrari, Chetna Tewari, Sandeep Pandey, Himani Tiwari, Manoj Karakoti, A B Melkani	
202011017974	2021100552	Australia		14.4.2021	Cotton Based Scalable Green Synthesis of Graphene Nanofibers	Sandeep Pandey, Manoj Karakoti, Sunil Dhali, Neha Karki, Nanda Gopal Sahoo	
202011017973	2021100550	Australia		14.4.2021	Process of preparation of naturally doped Silicon, Magnesium and Calcium Graphene nanosheets from Paper Waste for Energy Applications	Sandeep Pandey, Manoj Karakoti, Sunil Dhali, C. Tewari, and Nanda Gopal Sahoo	
202011030192	2021100549	Australia		14.4.2021	Polymeric waste derived nanographitic additives for concrete mixture and method of manufacturing thereof	N G Sahoo, Gaurav Tatrari, Sandeep Pandey, Chetna Tewari, Manoj Karakoti, Bhaskar Singh Bohra, Sunil Dhali	
					Anti diabetics properties of Kilmora plant	Dr. Veena Pande of Biotechnology Department	