

IGCW 2019 Green Chemistry Awards- Shortlisted Nominees

Total Registered participants in all category - 120

Total participants who successfully submitted their case study - 72

Category-wise Top Three Shortlisted Nominees:

| Category | Name of the Nominee | Organization | Topic of case study |
|--|-----------------------|---------------------------------------|--|
| MNC/Large/Medium Companies | Suresh Kumar K | Advanced Enzymes Technologies Pvt Ltd | Biocatalytic Process to Manufacture Pregabalin Using Lipase enzyme |
| | Padmadas Nair | Dow Chemical International Pvt Ltd | Breakthrough in water Conversion in Hand Laundry Cleaning with DOWSIL EASYRINSE GP-4633 |
| | Sunil Divekar | Praj Matrix R & D Center | Improved Technology for Furfural |
| Small Scale Companies | Dr. Abhay Chheda | Avik Pharmaceutical Ltd | Budesonide |
| | K Suresh Kumar | Aktinos Pharma Pvt Ltd | Development of Green process for the preparation of Benzimidazole derivative and its intermediates |
| | Swapneshu Baser | Deven Supercriticals Pvt Ltd | System for continuous feeding and discharging of solid material to and from a vessel operating under high pressure |
| Green Chemistry/ Engineering Start Ups | Dr. Vijay Yadav | SKRS Innovations | Clean technology: carbon dioxide neutralization technology |
| | Dr. Vaishali Kulkarni | KBCols Sciences Pvt Ltd | Microbial colorants: An alternative to waste generating and water polluting synthetic colors |
| | Jaydeep Deshpande | Amnium Technologies Pvt Ltd | Nanomaterials for agricultural sector |

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| Knowledge Community: Technology Developers | Dr. Padma S Vankar | Bombay Textile Research Association | Regeneration of used frying oil |
| | Swapneshu Baser | Deven Supercriticals Pvt Ltd | Waterless Dyeing: Process of dyeing of textile materials using supercritical fluid |
| Knowledge Community: Academia- Researchers | Sirshendu De | Indian Institute of Technology Kharagpur | Fluoride removal from groundwater using chemically amended naturally available materials |
| | Prof. Bhalchandra Bhanage | Institute of Chemical Technology | Biocatalytic synthesis of diesel-blend compounds from biomass derived levulinic acid in supercritical carbon dioxide: Green metric evaluation study |
| | Pratyush Maiti | CSIR-Central Salt and Marine Chemicals Research Institute | Spent wash Management (SWM) Technology – a zero waste process for recovery of potash fertilizer, water and other value added by-product(s) from spent wash (effluent of sugarcane molasses based alcohol) |
| Knowledge Community: Students | Omprakash Sarkar | CSIR-SRF | Acidogenic Biorefinery for renewable energy and platform chemicals: upscaling and sustainability analysis |
| | Maya Mane | National Chemical Laboratory | A novel hybrid cavitation process for disinfection of water |
| | Pratik Vinayak Gholkar | IITB-Monash Research Academy | Conversion of microalgae into hydrogen-rich syngas |
| | Devendra Pisal | Institute of Chemical Technology | One-pot selective synthesis of nabumetone using novel multifunctional Ni promoted La-Mg oxide/MCF catalyst |