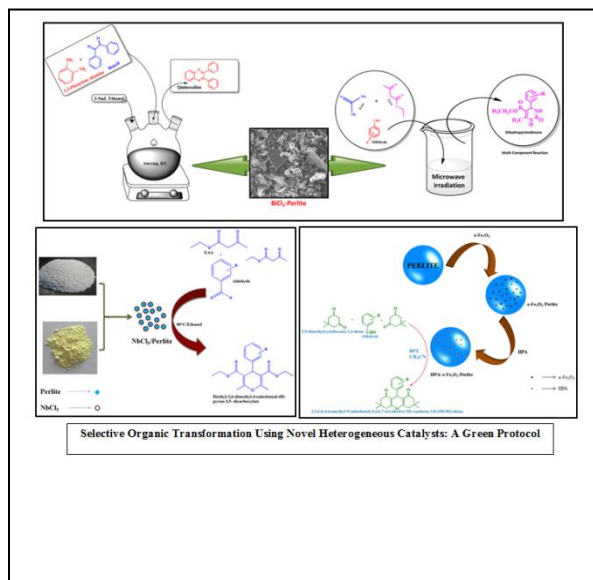


Selective Organic Transformations using Novel Heterogeneous Catalysts: A Green Protocol

Name of the PI	Dr. P. Amutha	Sanctioned Year	2018
Name of the Co PI's	-	Amount Sanctioned in Rs.	5, 00, 000 /-

Project outcomes:

- ✓ Green and Recyclable Heterogeneous Catalyst - HPA/ α -Fe₂O₃, BiCl₃ and NbCl₅ loaded Perlite were prepared by simple method.
- ✓ The catalysts were employed in synthesis of pharmacologically active heterocycles dihydropyrimidinones, quinoxalines, xanthenes, biscoumarins, pyrans and bis(indolyl)methanes using green protocol.
- ✓ The use of recyclable heterogeneous solid acid catalysts makes the reaction simple with minimum chemical waste, shorter reaction time, easy workup and products in good yield



For more information, please contact: amutha@psgrkcw.ac.in

- ❖ Publications: 2
- ❖ Conference/ Seminar/ Workshop: 5
- ❖ Books: -
- ❖ Any other achievements: -

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