

<b>Products Developed</b>	
<b>2015-2016</b>	1. Co-crystals of lornoxicam and irbesartan
	2. Heat shock protein-90 (HSP 90) inhibitors for antineoplastic activity
<b>2014-2015</b>	3. Schiff's bases as anticancer agents
	4. Thiazolidine – 2, 4-dione analogues as anti-diabetic drugs
<b>2013-2014</b>	5. Transdermal drug delivery systems (TDDS) of losartan
	6. Self micro-emulsifying drug delivery systems (SMEDDS) of itraconazole and pitavastatin
	7. Pyrazoline analogues of Hsp90 inhibitors to treat cancer
	8. Nanoparticles of piroxicam and pimozone
	9. Polyherbal formulations as anti-diabetic drugs
	10. Stability indicating method for balofloxacin by RP-HPLC method.

<b>Process / Methods Improved</b>	
<b>2015-2016</b>	1. Analytical method and alternate biorelevant dissolution methods for poorly soluble drugs
<b>2014-2015</b>	2. Synergistic antidiabetic effect of allopathic drugs and herbal products
	3. DoE assisted yield improvement in the synthesis of lophine (chemiluminescent), nifedipine (antihypertensive), monastrol (antitumor) and phenytoin (antiepileptic).
<b>2013-2014</b>	4. Method improvement and developing differential dissolution media for two drug combination formulations (mefenamic acid and drotaverine hydrochloride; telmisartan and amlodipine, lornoxicam).
	5. A rapid protocol for the identification of conserved water molecules essential for efficient <i>in silico</i> ligand-protein binding.
	6. Enhancement of anti-inflammatory activity of (s)-naproxen analogues by bioinformatic tools.

<b>Research laboratories</b>	
<b>2015-16</b>	1. Analytical method and alternate biorelevant dissolution methods for poorly soluble drugs
<b>2014-15</b>	1. Synergistic antidiabetic effect of herbal products
	2. Design of experiments (DoE) assisted yield improvement in the synthesis of drugs.
<b>2013-14</b>	1. Method improvement and developing differential dissolution medium for formulations.
	2. Rapid protocol for the identification of conserved water molecules essential for <i>in silico</i> ligand protein binding.
	3. Screening of anti-inflammatory activity.