

NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH, S.A.S NAGAR

12th Five Year Plan (2012-17)

S.No.	Name of the Scheme	Proposed allocation for next four years	Proposed allocation for 2013-14
	Teaching Programme (Human Resource Development)		(Rs. in crore)
1			
1.01	High Performance Computer Centre	7.00	0.00
1.02	Centre for Pharmaceutical Economics and Public Policy studies	1.50	0.00
1.03	Centre of Excellence on sustainable ways of drug discovery and development	10.00	0.00
1.04	Creation of a Central Chemical Depository and Biological Testing facility	10.00	0.00
1.05	Central Instrumentation Facility (CIL)	20.00	0.00
1.06	Central Animal Facility	6.00	0.00
1.07	Knowledge Resource Centre (Library)	12.00	2.00
1.08	Construction of New Lecture Halls- Block I	6.00	0.00
1.09	Construction of 6 storey Girls Hostel	10.00	0.00
1.10	Extension of existing 6 storey 100 seater boys hoste	6.00	0.00
1.11	Extension of Trainees Hostel (1 st Floor)	1.50	0.00
1.12	Solar water heating system for New Hostel	0.24	0.24
1.13	Strengthening of security wall and fencing around NIPER periphery premises	0.10	0.00
1.14	Installation of new tube well including connect with existing lines	0.50	0.00
1.15	Drainage system in the campus	0.10	0.00
1.16	Rain Water Harvesting	1.00	0.00
1.17	Provision of Nallah protection passing through the campus		0.00
1.18	Provision of Store yard for Engg Stores in the campus	0.10	0.00
1.19	Re-carpeting of internal roads	1.50	0.00
1.20	Air-conditioning work (Augmentation of Air Conditioning Plant, Extension for Air Conditioning Plant Room, Modification of existing suction & discharge distribution system	1.00	0.00
1.21	Upgradation of Electrical Installations	4.00	0.00
1.22	Augmentation of Mechanical works/ Installations	2.00	0.00
1.23	Modernization of Pharmaceutical Analysis facilities	2.00	0.00

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1.24	Up-gradation / Maintenance of Centre for Pharmaceutical nanotechnology	2.00	0.00
1.25	Examination & Academic	1.00	0.12
1.26	J E E	1.00	0.12
1.27	Students research contingency	19.59	0.00
1.28	Extension of Administrative Block & providing other services (like ERP, CCTV, Security equipment etc.)	6.00	0.00
1.29	Setting up of Dosage form (Formulation) Pilot Plant	7.31	7.31
1.30	Extension of existing Girls Hostel	3.31	3.31
1.31	Construction of Lecture Hall	6.25	6.25
1.32	Lift for existing 6 storeyed hostel	0.47	0.47
1.33	Provision of Sewerage Treatment Plant	0.53	0.53
	Total (1)	150.00	20.35
2	R&D Programmes on Biologicals and NCEs		
2.01	Tropical infectious diseases : Malaria, Tuberculosis and Leishmaniasis;	12.00	0.25
2.02	Peptide-and carbohydrate-based new molecules as potential drug candidates	12.00	0.25
2.03	Diabetics and Obesity: Lead identification and optimization of anti-diabetic agents-target based design focusing PPAR γ , PPAR, GOAT, GSK3, PTPIB (PTP-IB), DPPIV, ALR2, ALR2, pancreatic lipase assays as targets, ST-induced diabetic rats (in vivo)	5.00	0.15
2.04	Epigenetics and diseases : Establishing a correlation with Cancer, Diabetic vascular complications and diabetic neptropathy	3.00	0.15
2.05	Drug discovery programme: Inflammation and cancer	3.00	0.15
2.06	Design, synthesis and evaluation of potential anti-HIV molecules	1.50	0.15
2.07	Insights into the structural requirements for the design of CCR2 antagonists for inflammation driven diseases	0.60	0.15
2.08	Discovery and development of new therapeutics for application in General anaesthesia, Oncology and Infectious diseases	1.50	0.15
2.09	Standardization of selected medicinal plants / herbal drugs and generation of marker library and quantification of markers for selected herbal drugs	1.30	0.10
2.10	Advanced Drug Delivery Systems for improved therapeutics	7.00	0.10
2.11	Safety Pharmacology: Studies to identify Potential Undesirable Pharmacodynamic	5.00	0.10
2.12	Cyclodextrin inclusion complexation for enhanced bioavailability, therapeutic efficacy and patient acceptability of drug molecules	1.50	0.10

2.13	Novel bioconjugates for enhancement of efficacy of drugs and delivery systems	2.50	0.10
2.14	Novel site specific delivery for optimization of treatment of tuberculosis and amoebiasis	2.50	0.10
2.15	Development of testing model, assay validation and alternative methods in regulatory toxicity testing	0.60	0.10
2.16	Design and development of new chemical entities (NCEs) for pre-clinical proof of concept	2.00	0.10
2.17	Strategies for the development of biopharmaceuticals	16.70	0.15
2.18	Diabeties complications	1.00	0.10
2.19	Pharmacological & Toxicological Screening	3.00	0.10
2.20	Biological testing of pre-identified anti-malarial and anti-tuberculosis compounds in higher model	1.00	0.10
2.21	Therapeutic and diagnositic monoclonal antibodies: Creation of infrastructure and their use in the treatment and diagnosis parasitic diseases	1.50	0.10
2.22	Enantiomeric synthesis of drugs and drug intermediates through biotechnological routes	2.00	0.10
	Total (2)	86.20	2.85
3	Setting up of Incubators	13.00	0.10
4	Linkages / collaborations with international centres of excellence	5.00	0.60
5	Incentive scheme for pharmaceutical industry/ CROs	0.80	0.10
	Grand Total (1 to 5)	255.00	24.00

Allotment of Plan funds and its monitoring mechanism

1. Allocation for 12th five year plan (2012-17) is tentative for 04 remaining years as for the first year(2012-13) no plan funds have been released.
2. For the year 2013-14, Ministry has communicated approval of a plan allocation of only Rs. 24.00 crore.

Operating guidelines

3. In order to make utilization of funds effective and also outcome oriented a monitoring mechanism is also being introduced simultaneously. Quarterly reports have to be submitted by each Team Leader and team working with him/ her. For each projects a monitoring committee will be formed and for that each team leader must suggest 03 experts/peers working in that domain. A Scientific

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