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Results Framework Document

for

**National Institute of Pharmaceutical Education
and Research [NIPER]
S.A.S. Nagar**

2011-12

SECTION I

VISION

To become a globally recognized brand in the areas of education and research in pharmaceutical sciences for the benefit of people of India and growth of the pharmaceutical industry

MISSION

- Toning up the level of pharmaceutical education and research by training the future teachers, research scientists and managers for the pharmaceutical industry.
- National/International collaborative research
- Creation of National Centres to cater to the needs of pharmaceutical industry and other research and teaching institutes
- Study of sociological aspects of drug use and rural pharmacy.

OBJECTIVES

The main objectives of the Institute are to

- Develop highly skilled human resources
- Conduct advanced research in new and emerging areas
- Provide leadership in pharmaceutical sciences
- Establish national centres of excellence
- Engage in sponsored projects with the pharmaceutical industry
- Promote community and institutional pharmacy

KEY FUNCTIONS

- Human resource development
- Advanced research in new and emerging areas
- Provide leadership in pharmaceutical sciences
- Establishment of national centres of excellence
- Promotion of community and institutional pharmacy

SECTION II

Inter se Priorities among Key Objectives, Success Indicators and Targets

OBJECTIVES	WEIGHT	ACTION	SUCCESS INDICATOR	UNIT	WEIGHT	TARGET CRITERIA/VALUE				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
Human resource development	40	Masters' students trained	Graduation of Masters' students	Number	0.4	160	147	130	115	110
		Ph.D. candidates trained	Award of Ph.D. degrees	Number	0.3	13	11	9	7	5
		Placement of students	Students placed	Number	0.15	193	158	139	122	115
		Compliance with Academic Calendar	Deviation from declared schedule	Number of weeks	0.15	2	4	6	8	>8
Advanced research in new and emerging areas	25	Identification and validation of targets and NCEs	Publication of research papers in high impact journals	Cumulative impact factor	0.5	300	270	240	210	180
			Extramural funding	INR, lakh	0.3	650.50	600.00	550.00	500.00	450.00
		Development of delivery systems and formulations for existing drug molecules	Filing of patents and publication of research papers	No. of patents filed	0.2	12	11	10	09	08
Provide leadership in pharmaceutical sciences	10	Maximize utilization of common infrastructure	Sharing of in-house common equipment with outside agencies	%	0.3	10	9	8	7	6

		Consultancy for industries	Value of consultancy	INR, lakh	0.4	100.00	90.00	80.00	70.00	60.00
		Train industry personnel	Number of skilled personnel	Number	0.3	500	475	450	425	400
Establishment of National Centers	10	Service provided by existing centres to outside agencies	Business generated	INR, lakh	0.6	210	190	170	150	130
		Building of Dosage Form Plant	Construction of the Dosage Form Plant	Date	0.4	30/06/2011	15/08/2011	30/10/2011	15/11/2011	30/12/2011
Study of sociological aspects of drug use	10	Interaction with neighbouring tertiary care hospitals	Number of patients and physicians interacted with	Number	0.6	900	850	800	750	700
		Informing school and college students about the uses and importance of pharmacy	Number of students informed	Number	0.4	500	480	450	420	400
Welfare of staff and students	5	Grievance redressal (Sevottam)	Grievances addressed	%	0.4	100	90	80	70	60
		Amenities and events	Construction of New Boys' Hostel for students	Date	0.6	15/06/2011	15/07/2011	15/08/2011	15/09/2011	15/10/2011

SECTION III

Trend Values of the Success Indicators

OBJECTIVES	ACTION	SUCCESS INDICATOR	UNIT	TARGET CRITERIA/VALUE				
				Actual value for FY09/10	Actual value for FY10/11	Target value for FY11/12	Projected value for FY12/13	Projected value for FY13/14
Human resource development	Masters' students trained	Graduation of Masters' students	Number	119	153	160	310	310
	Ph.D. candidates trained	Award of Ph.D. degrees	Number	8	19	13	19	20
	Placement of students	Students placed	Number	127	172	173	329	330
	Compliance with Academic Calendar	Deviation from declared schedule	Number of weeks	1	1	0	0	0
Advanced research in new and emerging areas	Identification of targets and synthesis of NCEs	Publication of research papers in high impact journals	Cumulative impact factor	163	283	300	310	315
		Extramural funding	INR, lakh	662.91	632.73	650.50	660.00	670.00
	Development of delivery systems and formulations for existing drug molecules	Filing of patents and publication of research papers	No. of patents filed	13	9	12	15	18
Provide leadership in pharmaceutical sciences	Maximize utilization of common infrastructure	Sharing of common equipment with outside agencies	%	25	20	10	10	10

	Consultancy for industries	Value of consultancy	INR, lakh	185.41	99.47	100.00	110.00	115.00
	Train industry personnel	Number of skilled personnel	Number	190	341	500	525	550
Establishment of National Centers	Service provided by existing centres to outside agencies	Business generated	INR, lakh	200.00	208.00	210.00	220.00	230.00
	Building of Dosage Form Plant	Construction of the Dosage Form Plant	Date			30/06/2011		
Study of sociological aspects of drug use	Interaction with neighbouring tertiary care hospitals	Number of out-patients and physicians interacted with	Number	500	750	900	1000	1000
	Informing school and college students about the uses and importance of pharmacy	Number of students informed	Number	300	480	500	550	600
Welfare of staff and students	Grievance redressal (Sevottam)	Grievances addressed	%	100	100	100	100	100
	Amenities and events	Construction of New Boys' Hostel for students	Date	N.A.	N.A.	15/06/2011	N.A.	N.A.

Description of definition of success indicators & proposed measurement

SECTION IV

methodology

The success indicators have been defined on the basis of appropriate measurable parameters such as increase of number of students, research papers, patents collaborative research with academia and industry, starting the activities in new and emerging areas and dissemination of knowledge for societal benefit. It is also defined in time wherever the projects are concerned. Care has been taken so as each of the activities is measurable in respect of performance monitoring and evaluation.

SECTION V

Specific performance requirements from other Departments

1. Getting early approval funds for XI Five year plan From DoP.
2. Industry and SME participation in providing new research consultancies.
3. Successful recruitment of trained expertise and subsequent approval from Board of Governors

SECTION VI

Outcome/Impact of activities of organization

S. No.	Outcome/Impact of organization	Jointly responsible for influencing this outcome/impact with the following organization(s)	Success indicator(s)	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
1	Human Resource Development	Not applicable	Number of students graduated	127	172	183	329	330
			Number of students placed	127	172	173	329	330
2	Extramural funding	Not applicable	Value, Rs. lakh	662.91	632.73	650.00	660.00	670.00
3	Publications	Not applicable	Cumulative impact factor	163	283	300	310	315
4	Patents	Not applicable	Number	13	9	12	15	18
5	Service to the industry	Not applicable	Value of consultancy, Rs. lakh	185.41	99.47	100	110	115
6	Business generated	Not applicable	Value, Rs. lakh	200.00	208.00	210.00	220.00	230.00

