
Result Framework Document
For
All India Institute of Medical Sciences
For the year
2013-14



All India Institute of Medical Sciences
Ansari Nagar, New Delhi -110029, India

Section 1:

Vision, Mission, Objectives and Functions

Vision:

To meet the need for highly qualified manpower to look after the nation's expanding health care activities and to serve as a nucleus for nurturing excellence in all aspect of health care.

Mission:

To develop highest standards of medical education and training by nurturing the best talent and providing state of art technology in health care.

Objectives:

- To develop a pattern of teaching in undergraduate and postgraduate medical education in all its branches so as to demonstrate high standard of medical education to all medical colleges and other allied institutions in India.
- To bring together in one place educational facilities of the highest order for the training of personnel in all important branches of health care.
 - To improve patient care services.
 - To conduct research in medical and related sciences.

Functions:

- Undergraduate and postgraduate teaching in medical and related physical and biological sciences.
- Nursing and dental education
- Innovations in education.
- Producing medical teachers for the country
- Research in medical and related sciences.
- Health care: preventive, promotive and curative; primary, secondary and tertiary.
- Community based teaching and research

Section 2:

Inter se priorities among key objectives, success indicators and targets

Objective	Weight*	Action #	Success Indicators@	Unit	Weight	Target/Criteria Value				
						Excellent (100%)	Very Good (90%)	Good (80%)	Fair (70%)	Poor (60%)
1. To develop patterns of teaching in undergraduate and postgraduate medical education in all its branches so as to demonstrate high standard of medical education to all medical colleges and other allied institutions in India.	38	Strengthening existing human resources and infrastructure for teaching (15)	Sanctioned faculty in position	Percent	8	70	65	60	55	50
			Modernization and IT enablement of lecture theatres/seminar rooms, laboratories and library	Percent	4	30	25	20	15	10
			Organisation of intramural faculty development courses	Number	3	5	4	3	2	1
		Intramural teaching activities (10)	Integrated teaching seminars with problem solving exercises	Number	5	25	20	15	10	5
			Preparation of learning modules	Number	5	10	8	6	4	2
		Extramural training activities for trainers (9)	Organisation of CMEs in the Institute or CMEs where faculty from AIIMS participate as resource persons	Number	3	150	125	100	75	50
			Training of external faculty members/fellows	Number	3	50	40	30	20	10

			Cadaver based surgical training courses and live operative procedure demonstrations and workshops	Number	3	5	4	3	2	1
		Innovations in curriculum development and teaching methodologies (4)	Revision/updating of curriculum of 20% subjects of undergraduate and post graduate courses	Percent	4	20	15	10	8	5
2. To improve patient care services	25	To create new and strengthen existing patient friendly OPD services (8)	Increase in the number of departments/centers having separate registration counters for senior citizens and patients with disability	Number	5	5	4	3	2	1
			OPDs with computerized registration	Number	5	6	5	4	3	2
		Streamlining of patient care services (17)	Better utilization of Operative facilities- Total number of surgeries performed	Number	5	1.4 lakh	1.3 lakh	1.2 lakh	1.1 lakh	1 lakh
			Interdepartmental patient consultations/referrals-communication through mobiles	Percent	4	25	20	15	10	5
			Better utilization of hospital resources- Average length of stay (ALOS) in hospital	Days	6	6	7	8	9	10

3. To conduct research in medical and related sciences	25	Strengthen research capability (3)	Research methodology training	% increase	3	25%	20%	15%	10%	5%
		Creation of new knowledge by research (7)	Research projects with external funding	% increase	2	10%	8%	5%	3%	1%
			Research projects with AIIMS funding	% increase	2	10%	8%	5%	3%	1%
			Research as a part of education	% increase	3	10%	8%	5%	3%	1%
		Dissemination of new knowledge (7)	Publication	% increase	4	10%	8%	5%	3%	1%
			Presentations in national and international conferences/ seminars/ symposia/ workshops	% increase	3	10%	8%	5%	3%	1%
		Influencing national /global health policy/ programme (8)	Participation in national committees/ boards of institutions, departments of Government of India and State Governments	% increase	5	10%	8%	5%	3%	1%
			Participation in international committees/ boards of Institutions, departments	% increase	3	10%	8%	5%	3%	1%

Mandatory Indicators:

Objective	Weight*	Action #	Success Indicators@	Unit	Weight	Target/Criteria Value				
						Excellent (100%)	Very Good (90%)	Good (80%)	Fair (70%)	Poor (60%)
Efficient Functioning of the RFD System	3	Timely submission of RFD for 2013-14	On-time submission	Date	2	March 5 2013	March 8 2013	March 9 2013	March 10 2013	March 11 2013
		Timely submission of Results for 2013-14	On-time submission	Date	1	May 1 2014	May 2 2014	May 3 2014	May 4 2014	May 5 2014
Administrative Reforms	5	Implement ISO 9001	Prepare ISO 9001 action Plan	Date	1	June 4 2013	June 5 2013	June 6 2013	June 7 2013	June 8 2013
		Implement mitigating strategies for reducing potential risk of corruption	Implementation of ISO 9001 action plan.	Date	2	March 25 2014	March 26 2014	March 27 2014	March 28 2014	March 29 2014
			% of implementation*	%	2	100	95	90	85	80
Improving Internal Efficiency / responsiveness / service delivery of Ministry / Department	4	Implementation of Sevottam	Independent Audit of Implementation of Citizen's Charter	%	2	100	95	90	85	80
			Independent Audit of implementation of Public Grievance Redressal System	%	2	100	95	90	85	80

* Two Departments in AIIMS- Department of Hospital Administration and CRHSP, Centre for Community Medicine are currently ISO 9001 : 2008 certified, the same will be extended to two other Department of AIIMS- Department of Geriatric Medicine and Centre for Community Medicine during year 2013-14

Section 3

Trend values of the success indicators

Objective	Action	Success indicator	Unit	Actual Value for 2011-12	Actual Value for 2012-13	Target Value for 2013-14	Projected Value for 2015-16	Projected Value for 2016-17
1.To develop a pattern of teaching in undergraduate and postgraduate medical education in all its branches so as to demonstrate high standard of medical education to all medical colleges and other allied institutions in India	Strengthening existing human resources and infrastructure for teaching (15)	Sanctioned faculty in position	Percent	-	-	65		
		Modernization and IT enablement of lecture theatres/seminar rooms, laboratories and library	Percent	-	-	25		
		Organisation of Intramural faculty development courses	Number	-	-	4		
	Intramural teaching activities (10)	Integrated teaching seminars with problem solving exercises	Number	-	-	20		
		Preparation of learning modules	Number	-	-	8		
	Extra mural training activities for trainers (9)	Organisation of CME's in the Institute or CME's in which faculty from AIIMS participate as resource persons	Number	-	-	125		
		Training of external faculty members/fellows	Number	-	-	40		
		Cadaver based surgical training courses and Live operative procedure demonstrations and workshops	Number	-	-	4		

	Innovations in curriculum development and teaching methodologies (4)	Revision/updating of curriculum of 20% subjects of undergraduate and post graduate courses	Percent	-	-	15		
2. To improve patient care services	To create new and strengthen existing Patient friendly OPD services (8)	Increase in the number of departments/centers having separate registration counters for senior citizens and non ambulatory patients (persons with disability)	Number	-	-	4		
		OPDs with computerized registration	Number			5		
	Streamlining of patient care services (17)	Better utilization of Operative facilities- Total number of surgeries performed	Number			1.3 lakh		
		Interdepartmental patient consultations/referrals- communication through mobiles	Percent			20		
		Better utilization of hospital resources- Average length of stay (ALOS) in hospital	Days			7		

3. To conduct research in medical and related sciences	Strengthen research capability (3)	Research methodology training	% increase			20%		
	Creation of new knowledge by research (7)	Research projects with external funding	% increase			8%		
		Research projects with AIIMS funding	% increase			8%		
		Research as a part of education	% increase			8%		
	Dissemination of new knowledge (7)	Publication	% increase			8%		
		Presentations in national and international conferences/ seminars/ symposia/ workshops	% increase			8%		
	Influencing national / global health policy / programme (8)	Participation in national committees/ boards of institutions, departments of Government of India and State Governments	% increase			8%		
		Participation in international committees/ boards of institutions, departments	% increase			8%		

Section 4

Description and definition of success indicators and proposed measurement methodology

Objective 1- To develop patterns of teaching in undergraduate and postgraduate medical education in all its branches so as to demonstrate a high standard of medical education to all medical colleges and other allied institutions in India.

- **Sanctioned faculty in position-** Total sanctioned number of teaching faculty (both medical and non-medical) at all levels i.e. Assistant Professor, Associate Professor, Additional Professor, will be obtained. The teaching faculty in position (including those on deputation and study leave) will be similarly ascertained and the percentage of faculty in position against total sanctioned strength will be computed.
- **Modernization and IT enablement of lecture theatre/seminar rooms, laboratories and library-** lecture theatre/seminar rooms, laboratories and library will be IT enabled and equipped with interactive board, teleconferencing facility, wireless internet facilities. New simulation laboratories, up gradation of existing laboratories and library facilities will be undertaken.
- **Organisation of Intramural faculty development courses -** Teaching training courses on teaching methodology and use of technology in teaching for the faculty of the Institute will be conducted by the respective departments and Centre for Medical Education and Technology (CMET).
- **Integrated teaching seminars with problem solving exercises-** Integrated teaching seminars for undergraduate and postgraduate courses will be conducted by the jointly by the faculty of different departments . The objective of integrated seminars is to impart holistic education to the students whereby a topic is taught by faculty of different departments covering all aspects of the topic from basic sciences to clinical application.
- **Preparation of learning modules-** Subject specific learning modules with detailed organized content will be upgraded and new modules prepared for the undergraduate and postgraduate courses being taught at the Institute.
- **Organisation of CMEs in the Institute or CMEs where faculty from AIIMS participate as resource persons -** keeping in view its mandate of training of trainers (ToTs), the Institute conducts CME s on varied topics related to medical sciences. In addition, faculty of the Institute also participates as resource persons in CMEs conducted by other institutions in India and abroad. Faculty of the Institutes will be encouraged to fulfill this mandate of AIIMS.

- **Training of external faculty members/fellows** - Institute conducts many conferences, workshops and CME's to train the faculty members from other Institute from India and abroad. Institute also conducts fellowship programs for faculties and trainees from other Institutes.
- **Cadaver based surgical training courses and live operative procedure demonstrations and workshops-** Cadaver based surgical training for advanced and specialized surgical procedures and live operative procedure workshops will be improved and new ones conducted for the faculty and trainees from other Institutes from India and abroad .
- **Revision/updating curriculum of 20% subjects of undergraduate and post graduate courses-** As part of its mandate of developing patterns of teaching in undergraduate and postgraduate medical education, during the first year, curriculum of 20% subjects of postgraduate and undergraduate courses will be revised / updated.

Objective 2- Improvement in patient care services

- **Increase in the number of departments/centers having separate registration counters for senior citizens and non ambulatory patients (persons with disability):** Separate registration counters will be created in the OPD's for senior citizens and patients with disability. Increase in the number of OPD's having such facility will be taken as the indicator.
- **Departments/ centers having OPDs with computerized registration:** Computerized registration will be started for each specialty for new as well as follow-up patients. Increase in number of such OPDs will be considered as the indicator.
- **Total number of surgeries:** The total number of surgeries performed at all centers of AIIMS in a year will be calculated.
- **Percentage of consultations on mobile:** Currently all the consultations/ referrals are sent manually, which consume a lot of time. Intimation of consultations on mobile will help in more efficient patient care in terms of time as well as quality. Percentage of total consultations on mobile will be calculated.
- **Average length of hospital stay:** The average length of stay (ALOS) in hospitals is a statistical calculation used for measuring the efficiency of health care as well as optimal utilization of resources. Average length of stay will be calculated in days as $TOTAL\ INPATIENT\ DAYS\ OF\ CARE / TOTAL\ ADMISSIONS$.

Objective 3: Research in medical and related sciences

- **Research methodology training:** Research methodology training would be evaluated based on the total number of research methodology training programs being conducted in the Institute.
- **Research as a part of education:** Refers to the theses and dissertations being conducted in the Institute by DM, MCh, MD, MS, MHA, PhD and MSc candidates.
- **Publications:** Includes original papers and articles in national and international peer reviewed journals and chapters, books and monographs.
- **Presentations in national and international conferences/ seminars/ symposia/ workshops:** Research methodology of study and the study outcomes/ findings presented by faculty and residents in various national and international fora.

List of abbreviation used

AIIMS	All India Institute of Medical Sciences, New Delhi
ALOS	Average Length of stay
AV	Audio- visual
CMET	Centre for Medical Education and Training
CME	Continued Medical Education
DBT	Department of Biotechnology
DHR	Department of Health Research
DST	Department of Science and Technology
ICMR	Indian Council of Medical Research
OPD	Out patient department
DM	Doctor of Medicine
MCh	Master of Chirurgicae
MD	Medicinae Doctor
MS	Master of Surgery
MHA	Master of Hospital Administration
PhD	Doctor of Philosophy
MSc	Master of Science

Section 5

Specific performance requirements from other departments/ organizations that are critical for delivering agreed results.

Department/ Ministries	Relevant Success indicators	What do you need?	Why do you need?	How much you need?	What happens if you do not get it?
Ministry of Health and Family Welfare	Sanctioned faculty in position	Approval and support	Strengthening of existing human resources and infrastructure for teaching	Full support and commitment	Lead to deficiency in teaching facilities being provided at AIIMS
Department of Health & Family Welfare Department of Health Research Department of AYUSH Department of Biotechnology Department of Science & Technology Council of Scientific & Industrial Research University Grants Commission	Research projects with external funding	Increase in funding	Achieve target increase in success indicators	Full support and commitment	Target not achieved

Section 6: Outcome/Impact of activities of the organization

S No	Outcome/Impact of organization / RC	Jointly responsible for influencing this outcome/impact with the following organization (s)/departments/ministry (ies)	Success indicator (s)	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
1	Improved and enhanced medical education	Ministry of Health and Family Welfare	Independent rating of AIIMS, New Delhi in medical education in India			Number 1		
2	Improvement in patient care	Ministry of Health and Family Welfare	Better utilization of hospital resources- Average Length of Stay (ALOS) in hospital			7 days		
3	New knowledge created, disseminated and translated to policy and program	Department of Health & Family Welfare Department of Biotechnology Department of Health Research Department of Science & Technology Council of Scientific & Industrial Research Department of AYUSH University Grants Commission	Publication			8%		
			Participation in national and international committees/ boards of institutions, departments			8%		