

# **RESULTS FRAMEWORK DOCUMENT**

**(RFD)**

**(2011-12)**



**INDIAN COUNCIL OF MEDICAL RESEARCH  
DEPARTMENT OF HEALTH RESEARCH  
(MINISTRY OF HEALTH & FAMILY WELFARE)**

## SECTION-1

### VISION, MISSION, OBJECTIVES AND FUNCTIONS

#### VISION

To provide stewardship in promotion of Biomedical and health research in India.

#### MISSION

To undertake and support basic, epidemiological, applied and operational research in the areas of national public health importance in the Country through:

- Intramural research (through its own Institutes/Centres) and,
- Extramural research (through grants-in-aid given to projects)

#### OBJECTIVES

Among the various objectives mentioned in the Memorandum of Association of ICMR few of the core objectives pertaining to research are:

- i. The prosecution and assistance of research, the propagation of knowledge and experimental measures generally, in connection with the causation, mode of spread, and prevention of diseases, primarily those of a communicable nature.
- ii. To initiate, aid, develop and coordinate medical scientific research in India and to promote and assist institutions for the study of diseases, their prevention, causation and remedy.
- iii. To finance enquiries and researches.

In view of above, and in the light of current realities and priorities of the Indian Council of Medical Research are as follows:

1. To promote research programmes in the Country
  - 1A. To support Intramural & Extramural research programmes
  - 1B. To initiate new task force projects and to prepare the reports of completed task force projects
  - 1C. To establish Centers for Advanced Research / Centers of excellence/ Specialized Units/ Laboratories in the Health Research Institutes
2. To support Human Resource Development by providing fellowships/ trainings.

3. To encourage translational programmes specially by facilitating joint projects with other science agencies.
4. To encourage formulation of guidelines for research policy, programmes and governance.
5. To strengthen the infrastructure in the ICMR institutes/centres.
6. To organize research methodology workshops/ conferences/ symposia for project development.
7. To promote international co-operation in medical and health research.
8. To improve governance at the ICMR HQs

FUNCTIONS:

- (a) Oversee the intramural activities of its Institutes/Centres/Units
- (b) Promote extramural research through
  - (i) Setting up Centres for Advanced Research /Centre of Excellence in different research areas around existing expertise and infrastructure in selected departments of Medical Colleges, Universities and other non-ICMR Research Institutes;
  - (ii) Task force studies which emphasize a time-bound, goal-oriented approach with clearly defined targets, specific time frames, standardized and uniform methodologies, and often a multi-centric structure;
  - (iii) Open-ended research on the basis of applications for grants-in-aid received from scientists from institutes located in different parts of the country.
- (c) To focus on research towards innovation, their translation into products & processes and their introduction in public health services
- (d) Encourage Human resource development in biomedical research through various schemes such as (i) Research Fellowships i.e. Junior & Senior Fellowships and Research Associate ships; (ii) Short-term Visiting Fellowships (which allow scientists to learn advanced research techniques from other well-established research Institutes in India); (iii) Short-term Research Studentships (for undergraduate medical students to encourage them to familiarize themselves with research methodologies and techniques; (iv) Training Programmes and Workshops; (v) travel grants for participation in conferences abroad.
- (a) Promote international partnerships for technology exchange and carrying out joint projects.
- (b) Develop guidelines for research policy, programme and management of various health problems.

## SECTION - II

Performance Evaluation at the end of the year 2011-12

Column 1 Objective-1A	Column 2 Weight	Column 3 Action	Column 4		Column 5 Weight	Column 6				
			Success Indicators	Unit		Target / Criteria Values				
						Excellent	Very Good	Good	Fair	Poor
100%	90%	80%	70%	60%						
To support Intramural & Extramural research programmes	20	1A. Adhoc projects to be sanctioned / approved during the year (2011-12)	No. of Adhoc projects sanctioned / approved	600	20	600	540	480	420	360
		<i>Non-Communicable Diseases</i>			0.033/unit	75	68	60	53	45
		<i>Epidemiology &amp; Communicable Diseases</i>			2.5	100	90	80	70	60
		<i>Reproductive Health and Nutrition</i>			3.33	90	81	72	63	54
		<i>Basic Medical Sciences</i>			3.0	90	81	72	63	54
		<i>Social Behavioural Research</i>			0.66	20	18	16	14	12
		<i>Health System Research</i>			1.16	35	32	28	25	21
		<i>Spl. Suppt. Med. Colleges</i>			1.32	40	56	32	28	24

Column 1 Objective-1B	Column 2 Weight	Column 3 Action	Column 4		Column 5 Weight	Column 6				
			Success Indicators	Unit		Target / Criteria Values				
						Excellent	Very Good	Good	Fair	Poor
100%	90%	80%	70%	60%						
To initiate new task force projects and to prepare the reports of completed task force projects	6	1Ba. New Task Force projects to be initiated during the year.	No. of new task force projects initiated	No.	3 (0.2 unit)	16	14	13	11	10
		<i>Non-Communicable Diseases</i>			0.4	2	2	2	1	1
		<i>Epidemiology &amp; Communicable Diseases</i>			0.4	2	2	2	1	1
		<i>Reproductive Health and Nutrition</i>			0.6	3	3	2	2	2
		<i>Basic Medical Sciences</i>			0.8	4	4	3	2	1
		<i>Medicinal Plant Unit</i>			0.4	2	2	2	1	1
		<i>Health System Research</i>			0.4	2	2	2	1	1
		1Bb. To prepare the report of completed Task Force projects during the year.	No. of reports completed TF published		3 (0.13/unit)	22	20	18	16	14
		<i>Non-Communicable Diseases</i>			0.91	7	6	6	5	4
		<i>Epidemiology &amp; Communicable Diseases</i>			0.13	1	1	1	0	0
		<i>Reproductive Health and Nutrition</i>			0.78	6	5	5	4	4
		<i>Basic Medical Sciences</i>			0.13	1	1	1	0	0
		<i>Social Behavioural Research</i>			0.65	5	5	4	4	3
		<i>Health System Research</i>			0.26	2	2	2	1	1

Column 1	Column 2	Column 3	Column 4		Column 5	Column 6				
Objective-1C	Weight	Action	Success Indicators	Unit	Weight	Target / Criteria Values				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
To establish Centers for Advanced Research / Centers of excellence/ Specialized Units/ Laboratories in the Health Research Institutes	6	1C. Any advanced Centre/COE, specialized unit/laboratory to be developed in health research institutes through ICMR mechanism.	SFC approved/ unit sanctioned	No.	6 (0.46/unit)	13	12	10	9	8
		<i>Non-Communicable Diseases</i>			0.92	2	2	1	1	1
		<i>Reproductive Health and Nutrition</i>			2.3	5	4	4	3	1
		<i>Basic Medical Sciences</i>			1.84	4	4	2	1	1
		<i>Health System Research</i>			0.92	2	2	1	1	1

Column 1	Column 2	Column 3	Column 4		Column 5	Column 6				
Objective – 2	Weight	Action	Success Indicators	Unit	Weight	Target / Criteria Values				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
To support Human Resource Development by providing fellowships /trainings	18	2 A. Fellowships to be approved/sanctioned during the current year	No. of Fellowships sanctioned /approved	No.	12 (0.038/ unit)	315	284	252	221	189
		<i>Non-Communicable Diseases</i>			1.9	50	45	40	35	30
		<i>Epidemiology &amp; Communicable Diseases</i>			1.14	30	27	24	21	18
		<i>Reproductive Health and Nutrition</i>			2.85	75	68	60	53	45
		<i>Basic Medical Sciences</i>			5.7	150	136	120	106	90
		<i>Social Behavioural Research</i>			0.19	5	5	4	4	3
		<i>Health System Research</i>			0.19	5	5	4	4	3
		2B. Trainings to be provided during the current year	No. of trainings provided	No.	2.0	165	149	132	116	99
		<i>Man Power Development</i>								
		2Ba Short term studentships to be approved	STS sanctioned/ approved	No.	2.0	800	720	640	560	480
2Bb Short term studentships reports to be accepted	STS reports reviewed and accepted	No.	2.0	800	720	640	560	480		

Column 1	Column 2	Column 3	Column 4		Column 5	Column 6				
Objective – 3	Weight	Action	Success Indicators	Unit	Weight	Target / Criteria Values				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
To encourage translational programmes specially by facilitating joint projects with other science agencies.	5	3A. Translation of Technologies into products or processes and their introduction into health research system.	Initiation of trials for products/ processes/ patents	No.	2	15	10	8	6	4
		3B. Implementation of the scheduled projects	Projects implemented	No.	2	75	68	60	53	45
		3C. Approval of system/ guidelines for joint projects	Approval of joint guidelines	Date	1	September 2011	October	November	December	February

Column 1	Column 2	Column 3	Column 4		Column 5	Column 6				
Objective – 4	Weight	Action	Success Indicators	Unit	Weight	Target / Criteria Values				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
To encourage formulation of guidelines for research policy, programmes and governance.	5	4. Guidelines/draft bill to be developed / to be prepared/ to be updated during the year.	(i) Guidelines document approved by concerned authority	No.	5	11	10	9	7	6
		0.45/unit			1	0	0	0	0	
		<i>Non-Communicable Diseases</i>	(ii) Draft bill submitted to DHR		2.25	5	5	5	3	3
		<i>Reproductive Health and Nutrition</i>			1.35	3	3	3	2	2
		<i>Basic Medical Sciences</i>			0.90	2	2	1	1	1
<i>Human Resource development</i>										

Column 1	Column 2	Column 3	Column 4		Column 5	Column 6				
Objective – 5	Weight	Action	Success Indicators	Unit	Weight	Target / Criteria Values				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
To strengthen the infrastructure in the ICMR institutes/centres.	5	5. Infrastructure to be developed/ EFC approved in the institute	EFC/SFC approved/ center, unit, building constructed/ initiated	No.	5 (0.21/unit)	23	21	18	16	13
		<i>Non-Communicable Diseases</i>			0.63	3	3	3	2	2
		<i>Epidemiology &amp; Communicable Diseases</i>			1.89	9	8	7	6	5
		<i>Reproductive Health and Nutrition</i>			0.84	4	4	3	3	2
		<i>Basic Medical Sciences</i>			1.47	7*	6	5	5	4

\*NIIH-INSERM is common to IHD also

Column 1	Column 2	Column 3	Column 4		Column 5	Column 6				
Objective – 6	Weight	Action	Success Indicators	Unit	Weight	Target / Criteria Values				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
To support workshops/ conferences/ symposia for project development.	5	6A. Workshops on Research Methodology to be organized for project development	No. of workshops organized	No.	3 (0.38/unit)	8	7	6	6	5
		<i>Reproductive Health and Nutrition</i>			0.38	1	1	0	0	0
		<i>Social Behavioural Research</i>			0.76	2	1	1	1	0
		<i>Health System Research</i>			1.14	3	3	2	2	2
		<i>Spl. Suppt. Med. Colleges</i>			0.76	2	2	1	1	0
		6B. Support to be provided for General workshops/ symposia/ conferences	No. of workshops/ conferences/ symposium supported	No.	2	450	405	360	315	270

Column 1 Objective – 7	Column 2 Weight	Column 3 Action	Column 4		Column 5 Weight	Column 6				
			Success Indicators	Unit		Target / Criteria Values				
						Excellent	Very Good	Good	Fair	Poor
100%	90%	80%	70%	60%						
To promote international co-operation in medical and health research.	8	7A. Financial Support to ICMR and non-ICMR scientists for participation in international training/exchange visits	ICMR & Non-ICMR scientists under collaborative research projects	No.	1	25	22	20	17	15
		7B. Organize or support International Conferences or workshops in India (IHD)	International conferences/ workshops organized or supported under collaborative MOUs	No.	1	4	3	2	1	0
		7C. Support international research programmes under bilateral or multilateral arrangements and participation of DHR delegates in meetings of international bodies.	a) No. of international research programs undertaken under bilateral or multilateral arrangements	No.	2	6	5	4	3	2
			b) Formation of functional groups JWG/JSC	No	1	4	3	2	1	0
		4. Facilitate and finalize MOU for Bilateral and multilateral programs	(a) Signing of MOUs	No.	2	2	1	0	0	0
(b) Launch of joint call for proposals or RFA for researchers			1	2	1	0	0	0		

Column 1	Column 2	Column 3	Column 4		Column 5	Column 6				
Objective – 8	Weight	Action	Success Indicators	Unit	Weight	Target / Criteria Values				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
To improve governance at the ICMR HQs	6	Science centre to be established	EFC submitted	days	1	Dec, 11	Jan, 12	Feb, 12	Mar, 12	
		E-governance mechanisms to be initiated	Mechanisms initiated	days	2	Dec, 11	Jan, 12	Feb, 12	Mar, 12	
		Grievance cell to be established	Cell established	days	1	Jul, 11	Aug, 11	Sep, 11	Oct, 11	
		Single window clearance for foreign visits	Mechanism in place	days	1	Oct, 11	Nov, 11	Dec, 11	Jan, 12	
		Single window clearance for pensioners problems	Mechanism in place	days	0.5	Oct, 11	Nov, 11	Dec, 11	Jan, 12	
		Legal cell	Mechanism in place	days	0.5	Oct, 11	Nov, 11	Dec, 11	Jan, 12	

Column 1	Column 2	Column 3	Column 4		Column 5	Column 6					
Objective – 9	Weight	Action	Success Indicators	Unit	Weight	Target / Criteria Values					
						Excellent	Very Good	Good	Fair	Poor	
						100%	90%	80%	70%	60%	
Efficient functioning of RFD system	15	9A. To submit the RFD document timely	RFD timely submitted	Date	3.0	Mar, 2011					
		9B. To prepare the strategic plans like five years plan	Plan prepared timely	Date	4.0						
		9C. To prepare RFD for ICMR institutes	Institutes RFD document prepared in time	Date	8.0						

## SECTION - III

Trend Values for Success Indicators for the Department of Health  
research for the Year 2011 - 2012 for the ICMR

- The current document for ICMR has been prepared from this year onwards. The exact values projected and achieved would be applicable from next year onwards.

## Section -IV

Description and definition of various success Indicators and measurement methodology

### **Objective 1A - To support Intramural & Extramural research programmes**

Special efforts will be made for timely processing of proposals for extramural research by meeting time lines for receiving the concept proposals, processing proposals and also ensuring their timely review. Similarly, for the intramural research projects approved by respective Scientific Advisory Committee of Institutes, Headquarters will ensure timely examination of recommendations and conveying the necessary decisions. Success will be measured based on number of research programmes sanctioned/approved.

### **Objective 1B - To initiate new task force projects and to prepare the reports of completed task force projects**

ICMR funds special projects in a task force mode. These projects address some specific problems facing the Nation and relevant to the advancement of medical science. Mechanisms for timely development of these task force projects and their sanction within the financial year will be assured. Similarly, action will be taken to ensure the final evaluation and preparation of the reports for dissemination for the projects already completed. Number of projects approved or evaluation completed and report published will be markers of success.

### **Objective 1C - To establish Centers for Advanced Research / Centers of excellence/ Specialized Units/ Laboratories in the Health Research Institutes**

As per the current functioning of ICMR, Advanced Centres/Centres of Excellence and Specialised Units/Laboratories in Health Research Institutes are approved for specific functions aimed at accelerating the research and management capability in the country. Action will be taken to process the proposals for such Centres/Units in a time bound manner. Outcome will be measured in terms of SFC approved/Units sanctioned as applicable.

### **Objective 2 - To support Human Resource Development by providing fellowships/trainings.**

Besides the sanctioning of fellowships in an efficient and time-bound manner, Council gives special emphasis on the shorter training, student fellowship to medical students (STS). The timely approval as well as evaluation of the reports will be ensured. Number of fellowships approved as well as reports evaluated will be taken as success indicators.

### **Objective 3 - To encourage translational programmes specially by facilitating joint projects with other science agencies.**

ICMR is giving special stress on translational programmes. Further, as part of the DHR activities, ICMR is involved in development of guidelines for implementation of joint projects along with other science agencies like Deptt. of AYUSH, NACO, Deptt. of Health & Family Welfare, DRDO, DBT, DST, CSIR, DSIR, ICAR, BARI, DIT, DAE, DOEF, NDMA, Social Welfare, DWCD, DRD, in which more than one Govt. of India departments are involved. A number of new technologies included in the translation process, development of guidelines for joint funding and implementation of the current translation programmes on time.

**Objective 4 - To encourage formulation of guidelines for research policy, programmes and governance.**

ICMR has been assisting the Department of Health Research in preparation of several guidelines for National Health Research Policy, knowledge management Policy of Health - Service, Education and Research, Recognition of Health Research Institutes. While these reports will be implemented through DHR mechanism, ICMR is also engaged to develop guidelines on various issues. Action will be taken to complete the development of the guidelines during this year and their approval for printing. Success will be measured by the number of guidelines developed/approved for printing.

**Objective 5 - To strengthen the infrastructure in the ICMR institutes/centres.**

The drive to improve the infra-structure in the ICMR Institutions/Centres is a continuing process. During the year 23 proposals have been identified; these will be processed and implemented. The success will be measured in terms of EFC/SFC approval/Centre, Unit, building constructed/initiation of the functioning of the Unit.

**Objective 6 - To organize research methodology workshops/ conferences/ symposia for project development.**

As a part of the programme of DHR as well as ICMR, financial support is provided for organisations of workshops/symposiums, conferences, etc. Besides, the financial support to conferences/symposiums, ICMR is concentrating on project development workshops in various parts of the country with a very specific goal of developing the research infrastructural base as well as human research in the country. During the year 8 project development workshops will be organised.

**Objective 7 - To promote international co-operation in medical and health research.**

ICMR and DHR provides financial support for international training and exchange visits, organization of international conferences/workshops in India, bi-lateral projects and also signing of MOUs for bi-lateral and multi-lateral health research programmes. The number of programmes undertaken and MOUs signed will be counted as outcome indicators.

**Objective 8 - To improve governance at the ICMR HQs**

The ICMR Headquarters provide governance and infrastructural support to 31 National Institutes also provides financial support for intramural as well as extramural projects as well as fellowships to the rest of the country. Keeping in view the needs of creating an efficient and easily monitorable infrastructure, the process for e-governance, single window clearance for governance, foreign visits, issues related to pensioners problems, legal cell will be taken up. Further, the Science Centre for the HQs. for different institutions within the ICMR and outside the ICMR can be established and may work for policy related issues. The approval of EFC, establishment of Cells and initiation of mechanism as projected will be taken as success indicators.

## List of Acronyms

1. **ICMR**: Indian Council of Medical Research
2. **ICAR** : Indian Council of Agriculture Research
3. **DHR**: Department of Health Research
4. **MOU**: Memorandum of Understanding
5. **DST**: Department of Science & Technology
6. **DBT**: Department of Bio technology
7. **NDMA**: National Disaster Management Authority
8. **DDR&D**: Department of Defence Research and Development
9. **DARE**: Department of Agriculture Research and Education
10. **DAE** : Department of Atomic Energy
11. **CSIR** : Council of Scientific and Industrial Research
12. **DSIR** : Department of Scientific and Industrial Research
13. **DOEP** : Department of Environment and Forests
14. **DIT** : Department of Information Technology
15. **DWCD** : Department of Women and Child Development

## Section – V

### Performance requirements from other departments/ organizations

Performance of ICMR in terms of accomplishment of research targets depends upon support from various departments/organizations such as:

- Planning Commission
- Ministry of Finance/ IFD of MOHFW
- Department of Health and Family Welfare
- Department of NACO
- Director General of Health Services
- Department of AYUSH
- Department of Science & Technology
- Department of Biotechnology
- Department of Agriculture Research & Education
- Department of Defense Research & Development
- National Disaster Management Agency
- Drugs Controller General of India
- Department of Scientific and Industrial Research
- Department of Information Technology
- Department of Environment
- State Governments
- Universities
- Other Institutions where ICMR provide projects & fellowship environments