

RFD
Result Framework Document
For



The Indian Science Congress Association
(2016-2017)

Section 1:

Vision, Mission, Objectives and Functions

Vision

To inculcate scientific temper among the common people

Mission

- To make people aware about the recent developments in Science & Technology and its impact on the society.
- To establish different centers all over India for spreading scientific knowledge through school/college programs.
- To provide a common platform where scientists from India & abroad can exchange their views.

Objectives

- To advance and promote the cause of science in India.
- To hold an annual congress at a suitable place in India.
- To publish such proceedings, journals, transactions and other publications as may be considered desirable
- To secure and manage funds and endowments for the promotion of Science including the rights of disposing of, or selling all or any portion of the properties of the Association.
- To do and perform any or all other acts, matters and things as are conducive to, or incidental to, or necessary for, the above objects.

Functions

- 1) To provide a platform where scientists from all over the world can meet to discuss about the developments in the areas of Science and Technology
- 2) To contribute into the development of Science and National Science Policies.
- 3) To organize Symposia, Invited Lectures and Paper Presentations on different topics under 14 different sections and plenary sessions around various facets of focal theme in which scientists, technologists, policy makers and administrators can interact with one another during the annual session.
- 4) To put up a bilateral program with foreign scientific academics/associations for the advancement of Science in the topics of mutual interest.
- 5) To hold Science awareness program all over the country through Chapters.
- 6) To encourage participation of Young Scientists' in different areas of Science through ISCA Young Scientists' Award Program.
- 7) To propagate the latest message of Science in all its varied branches through publication of Everyman's Science.
- 8) To Institute endowment awards in the name of scientific personalities.

Section 2:

Inter se Priorities among Key Objectives, Success indicators and Targets

Table 1: Stylized Format of the Result Framework Document (RFD)

Objective	Weight	Actions	Success Indicator	Unit	Weight	Target/Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100 %	90 %	80 %	70 %	60 %
1. To advance and promote the cause of science in India	32	Launch a drive to increase the number of members	Announcement/Circular for enrollment of membership sent to different Universities/Institutes	Date	5	July 2016	Nov 2016	Feb 2017	1 Mar 2017	31 Mar 2017
			Total no. of members enrolled	Nos.	5	10,000	8,000	7,000	6,000	5,000
			Total no. of members enrolled by host University during Science Congress Session	Nos.	2.5	800	700	600	500	400
			Uploading of enrollment form on the Website	Date	2.5	April 2016	1 May 2016	15 May 2016	1 June 2016	15 June 2016
		Develop an action plan for popularizing Science awareness program through Chapters	Total no. of scientific lectures and school programs organized	Nos.	5	96	90	85	80	70
			Celebration of days with scientific importance viz. National Science Day, Environment Day, Doctor's Day, Engineer's Day etc.	Nos.	5	50	40	35	30	25
		Notification of the Young Scientists' Award program	Circulation of printed circulars to different Universities notifying the Young Scientists' Award Program	Date	2	10 April 2016	20 Apr 2016	30 Apr 2016	10 May 2016	20 May 2016
			Total no. of Young Scientists' Award applications received	Nos.	5	100	95	90	85	80
2. To hold an annual congress at a suitable place in India	30	Finalization of the host university for holding Science Congress Session	Receiving invitation for holding Science Congress Session from different Universities	Date	4.5	1 Dec 2016	5 Dec 2016	10 Dec 2016	15 Dec 2016	20 Dec 2016
			Selection of the host university and venue	Date	4.5	2 Jan 2017	3 Jan 2017	4 Jan 2017	5 Jan 2017	7 Jan 2017
		Lines and action plan	Sending invitation to Prime Minister and Science & Technology Minister for inauguration	Date	2.5	July 2016	Aug 2016	Sept 2016	Oct 2016	Nov 2016

		Finalization of the plenary sessions.	Date	1.5	31 Oct	15 Nov	30 Nov	1 Dec	15 Dec	
						2016	2016	2016	2016	2016
			Finalization of Sectional programs	Date	1	31 Oct 2016	15 Nov 2016	30 Nov 2016	1 Dec 2016	15 Dec 2016
			Organizing Children Science Congress Programme	Date	1	31 Oct 2016	15 Nov 2016	30 Nov 2016	1 Dec 2016	15 Dec 2016
			Organizing Science Communication Programme	Date	1	31 Oct 2016	15 Nov 2016	30 Nov 2016	1 Dec 2016	15 Dec 2016
			Organizing Science Exhibition	Date	1	31 Oct 2016	15 Nov 2016	30 Nov 2016	1 Dec 2016	15 Dec 2016
		Notifying members through circular	Timely notification sent to members for Congress Session	Date	4	25 Mar 2016	31 Mar 2016	5 Apr 2016	10 Apr 2016	15 Apr 2016
			Developing a website for Congress Session	Date	3	1 Oct 2016	15 Oct 2016	1 Nov 2016	15 Nov 2016	1 Dec 2016
		Encourage participation of scientists/Institutes in Science Congress session	Announcing of Science Congress Session on Website	Date	2	1 Mar 2016	5 Mar 2016	10 Mar 2016	15 Mar 2016	20 Mar 2016
			Circulation of printed circulars to different Institutes/Scientists for encouraging participation	Date	2	Apr 2016	June 2016	Aug 2016	Oct 2016	15 Dec 2016
			Sending invitation to Foreign Academics and Nobel Laureates	Date	2	Sept 2016	Oct 2016	Nov 2016	15 Dec 2016	30 Dec 2016
		3. To publish proceedings, journals, transactions, etc	20	Publication of Everyman's Science	Total no. of Everyman's Science issues published	No.	6	6	5	4
Publication of Abstracts, papers presented during the Science Congress Session	Total no. of Abstracts/Papers received during the science Congress Session			No.	6	2000	1800	1500	1400	1200
Publication of Annual Report	Timely publication of Annual Report			Date	4	25 Oct 2016	31 Oct 2016	10 Nov 2016	20 Nov 2016	30 Nov 2016

		Publication of Directory	Timely publication of Directory	Date	4	31 May 2016	30 June 2016	31 July 2016	31 Aug 2016	30 Sept 2016
4. To secure and manage funds and endowment for the promotion of Science including the rights of disposing of, or selling all or any portion of the properties of the Association	5	Receiving nominations/applications for ISCA endowment awards.	Total no. of nominations/applications received for ISCA Endowment Awards	No.	5	150	125	100	75	60

Section 3:
Trend Values of the Success Indicators
Table 2: Trend Values for Success Indicators

Objective	Actions	Success Indicator	Unit	Actual value for FY 13/14	Actual value for FY 14/15	Target Value for FY 15/16	Projected value for FY 16/17	Projected value for FY 17/18
1.To advance and promote the cause of science in India	Launch a drive to increase the number of members	Announcement/Circular for enrollment of membership sent to different Universities/Institutes	Date	July 2014	July 2015	July 2016	July 2017	July 2018
		Total no. of members enrolled	Nos.	11,000	12,560	10,000	10000	10000
		Total no. of members enrolled by host University during Science Congress Session	Nos.	990	1073	1000	1000	1000
		Uploading of enrollment form on the Website	Date	April 2014	April 2015	April 2016	April 2017	April 2018
	Develop an action plan for popularizing Science awareness program through Chapters	Total no. of scientific lectures and school programs organized	Nos.	100	96	100	100	100
		Celebration of days with scientific importance viz. National Science Day, Environment Day, Doctor's Day, Engineer's Day etc.	Nos.	55	50	56	56	56
	Notification of the Young Scientists' Award program	Circulation of printed circulars to different Universities notifying the Young Scientists' Award Program	Date	10 April 2014	10 April 2015	10 April 2016	10 April 2017	10 April 2018

		Total no. of Young Scientists' Award applications received	Nos.	95	54	90	95	95
2.To hold an annual congress at a suitable place in India	Finalization of the host university for holding Science Congress Session	Receiving invitation for holding Science Congress Session from different Universities	Date	1 Dec 2014	1 Dec 2015	1 Dec 2016	1 Dec 2017	1 Dec 2018
		Selection of the host university and venue	Date	2 Jan 2015	2 Jan 2016	2 Jan 2017	2 Jan 2018	2 Jan 2019
	Formulate a program, draft guidelines and action plan	Sending invitation to Prime Minister and Science & Technology Minister for inauguration	Date	July 2014	July 2015	July 2016	July 2017	July 2018
		Finalization of the plenary sessions.	Date	31 Oct 2014	31 Oct 2015	31 Oct 2016	31 Oct 2017	31 Oct 2018
		Finalization of Sectional programs	Date	31 Oct 2014	31 Oct 2015	31 Oct 2016	31 Oct 2017	31 Oct 2018
		Organizing Children Science Congress Programme	Date	31 Oct 2014	31 Oct 2015	31 Oct 2016	31 Oct 2017	31 Oct 2018
		Organizing Science Communication Programme	Date	31 Oct 2014	31 Oct 2015	31 Oct 2016	31 Oct 2017	31 Oct 2018
		Organizing Science Exhibition	Date	31 Oct 2014	31 Oct 2015	31 Oct 2016	31 Oct 2017	31 Oct 2018
	Notifying members through circular	Timely notification sent to members for Congress Session	Date	25 Mar 2014	25 Mar 2015	25 Mar 2016	25 Mar 2017	25 Mar 2018
		Developing a website for Congress Session	Date	1 Oct 2014	1 Oct 2015	1 Oct 2016	1 Oct 2017	1 Oct 2018
	Encourage participation of scientists/Institutes in Science Congress session	Announcing of Congress Session on Website	Date	1 Mar 2014	1 Mar 2015	1 Mar 2016	1 Mar 2017	1 Mar 2018
		Circulation of printed circulars to different Institutes/Scientists for encouraging participation	Date	April 2014	April 2015	April 2016	April 2017	April 2018

		Sending invitation to Foreign Academics and Nobel Laureates	Date	Sept 2014	Sept 2015	Sept 2016	Sept 2017	Sept 2018
3.To publish proceedings, journals, transactions, etc	Publication of Everyman's Science	Total no. of Everyman's Science issues published	No.	6	6	6	6	6
	Publication of Abstracts, papers presented during the Science Congress Session	Total no. of Abstracts/Papers received during the science Congress Session	No.	1900	2244	2000	2000	2000
	Publication of Annual Report	Timely publication of Annual Report	Date	25 Oct 2014	20 Oct 2015	20 Oct 2016	20 Oct 2017	20 Oct 2018
	Publication of Directory	Timely publication of Directory	Date	31May 2014	31 May 2015	31 May 2016	1 May 2017	1 May 2018
4. To secure and manage funds and endowment for the promotion of Science including the rights of disposing of, or selling all or any portion of the properties of the Association	Receiving nominations/applications for ISCA endowment awards.	Total no. of nominations/applications received for ISCA Endowment Awards	No.	160	90	95	100	100

Section 4

Description and definition of success indicators and proposed measurement methodology

SL No	Success Indicator	Description	Definition	Measurement	General Comments
1.1.0	Announcement/Circular for enrollment of membership sent to different Universities/Institutes	Members include Life, Annual, Sessional, Student and Institutional	A member is Graduate interested in the advancement of science	Date	
1.1.1	Total no. of members enrolled	Different categories of membership enrolled during the year	Different categories of members have different rights & privileges	Nos.	
1.1.2	Total no. of members enrolled by host University during Science Congress Session	Host University enroll members during Science Congress Session	Host University provides the infrastructure for holding science congress.	Nos.	
1.1.3	Uploading of enrollment form on the Website	Membership form can be downloaded from website	ISCA website is http://sciencecongress.nic.in	Date	
1.2.0	Total no. of scientific lectures and school programs organized	Scientific lectures are organized by different ISCA chapters in schools / Colleges	Total 29 ISCA chapters exist throughout India.	Nos.	
1.2.1	Celebration of days with scientific importance viz. National Science Day, Environment Day, Doctor's Day, Engineer's Day etc.	Specific days are celebrated in ISCA chapters	Some specific days are earmarked with some national importance.	Nos.	

1.3.0	Circulation of printed circulars to different Universities notifying the Young Scientists' Award Program	Young scientists present their work	Young scientist are members with age less than 32 years.	Date	
1.3.1	Total no. of Young Scientists' Award applications received	Applications are received from all over India	N.A.	Nos.	
2.1.0	Receiving invitation for holding Science Congress Session from different Universities	Applications are received from different institutes/Universities for hosting Science Congress Session	Institutes/Universities apply for hosting Science Congress	Date	
2.1.1	Selection of the host university and venue	The final selection of the host University is made based on infrastructure facilities available.	N.A.	Date	
2.2.0.	Sending invitation to Prime Minister and Science & Technology Minister for inauguration	Hon`ble Prime Minister of India inaugurates the Science Congress.	Dignitaries are present during Inauguration.	Date	
2.2.1.	Finalization of the plenary sessions.	Plenary session on different of scientific research	Plenary session has different invited speakers speaking on a common theme.	Date	
2.2.2	Finalization of Sectional programs	14 different Sections also organize programme	Each section has presentation by invited speakers, Oral and Posters.	Date	
2.2.3.	Organizing Children Science Congress Programme	Children science Congress is organized during the congress for school students	Students from different schools present their models.	Date	
2.2.4	Organizing Science Communication Programme	A session on Science Communication is organized	Two Science Communicators from each ISCA Chapter is nominated to participate.	Date	

2.2.5	Organizing Science Exhibition	A science Exhibition is held during the congress for general public	Different Govt. Agencies & NGO's present their model.	Date	
2.3.0	Timely notification sent to members for Congress Session	All members are informed about the registration/Accommodation of the Science Congress	Printed Circular	Date	
2.3.1	Developing a website for Congress Session	Website is opened by host university for Congress	Website contains programme, Accommodation and Registration details.	Date	
2.3.2	Announcing of Congress Session on Website	Details of Congress announced	N.A.	Date	
2.3.3	Circulation of printed circulars to different Institutes/Scientists for encouraging participation	Printed circulars send to members	N.A.	Date	
2.3.4	Sending invitation to Foreign Academics and Nobel Laureates	Foreign Scientists from different Academies participate	Representatives from Foreign Academies participate.	Date	
3.1.0	Total no. of Everyman's Science issues published	Journal Everyman Science is given free to members	Everyman Science is published bi monthly.	No.	
3.2.0	Total no. of Abstracts/Papers received during the science Congress Session	Proceedings published with abstracts of papers presented during the congress	Abstracts in papers presented in 14 sections are published.	No.	
3.3.0	Timely publication of Annual Report	Annual report for the year is published	Annual Report contains activities of the association throughout the year.	Date	
3.4.0	Timely publication of Directory	Directory containing the details of all Council Members is published	Contact details of the Council Members, Recorders and Chapter Conveners are printed.	Date	

4.1.0	Total no. of nominations/applications received for ISCA Endowment Awards	Nominations/Applications are received for different ISCA Awards	To commemorate renowned scientists ISCA Awards are instituted. Total Numbers are 40.	No.	
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Section 5

Specific Performance Requirements from other Departments

Right from formulating action till setting targets, ISCA has to rely upon various other sources/Depts/Universities like:

- Applications from different Universities/Institutes are required on time for hosting Science Congress Annual Session.
- To receive applications from different Students/Research Scholars/Teachers/Scientists for enrollment as individual members and from Institutes for Institutional Membership.
- Nomination/applications from different Colleges/Institutions/Universities for presenting papers in different areas of Science & Technology in the annual session.
- Development of Web-Portals is solely dependent on WDC & NIC.
- For Broadband connectivity, dependence on VSNL.
- Support for development of software related to membership database with interlinking in different sections from ISRO

Adequate Budget Allocation

Sanction of adequate budgetary support by the Ministry of Science & Technology is essential for the performance of the functions by the Association.

Platform provided to scientists from all over the world where they meet to discuss about the development of Science and Technology in an annual Congress at a suitable place in India	Different Universities/ Institutes	Receiving invitation for holding Science Congress Session from different Universities	Date	1 Dec 2014	1 Dec 2015	1 Dec 2016	1 Dec 2017	1 Dec 2018
		Selection of the host university and venue	Date	2 Jan 2015	2 Jan 2016	2 Jan 2017	2 Jan 2018	2 Jan 2019
	DST, Govt. of India	Sending invitation to Prime Minister and Science & Technology Minister for inauguration	Date	July 2014	July 2015	July 2016	July 2017	July 2018
	Host University/DST. For Budget Allocation – DST and other host funding Agencies.	Finalization of the plenary sessions.	Date	31 Oct 2014	31 Oct 2015	31 Oct 2016	31 Oct 2017	31 Oct 2018
		Finalization of Sectional programs	Date	31 Oct 2014	31 Oct 2015	31 Oct 2016	31 Oct 2017	31 Oct 2018
		Organizing Children Science Congress Programme	Date	31 Oct 2014	31 Oct 2015	31 Oct 2016	31 Oct 2017	31 Oct 2018
		Organizing Science Communication Programme	Date	31 Oct 2014	31 Oct 2015	31 Oct 2016	31 Oct 2017	31 Oct 2018
		Organizing Science Exhibition	Date	31 Oct 2014	31 Oct 2015	31 Oct 2016	31 Oct 2017	31 Oct 2018
		Timely notification sent to members for Congress Session	Date	25 Mar 2014	25 Mar 2015	25 Mar 2016	25 Mar 2017	25 Mar 2018
	Web Development Company & NIC	Developing a website for Congress Session	Date	1 Oct 2014	1 Oct 2015	1 Oct 2016	1 Oct 2017	1 Oct 2018
		Announcing of Congress Session on Website	Date	1 Mar 2014	1 Mar 2015	1 Mar 2016	1 Mar 2017	1 Mar 2018
	Different Institutes/ Scientists	Circulation of printed circulars to different Institutes/Scientists for encouraging participation	Date	April 2014	April 2015	April 2016	April 2017	April 2018
	Foreign Academics and Nobel Laureates	Sending invitation to Foreign Academics and Nobel Laureates	Date	Sept 2014	Sept 2015	Sept 2016	Sept 2017	Sept 2018

Propagation of the latest message of Science in all its varied branches through proceedings, journals and transactions.	For Budget Allocation – DST	Total no. of Everyman’s Science issues published	No.	6	6	6	6	6
	Different Colleges/ Institutions/ Universities	Total no. of Abstracts/Papers received during the science Congress Session	No.	1900	2244	2000	2000	2000
		Timely publication of Annual Report	Date	25 Oct 2014	20 Oct 2015	20 Oct 2016	20 Oct 2017	20 Oct 2018
		Timely publication of Directory	Date	31 May 2014	31 May 2015	31 May 2016	1 May 2017	1 May 2018
To secure and manage funds and endowment for the promotion of Science	Different Institutes/ Trust/Societies/Host agencies	Total no. of nominations/applications received for ISCA Endowment Awards	No.	160	90	95	100	100
Encouragement for participation of Young Scientists’ in different areas of Science	Different Universities. For Budget Allocation – DST, Govt of India	Circulation of printed circulars to different Universities notifying the Young Scientists’ Award Program	Date	10 April 2014	10 April 2015	10 April 2016	10 April 2017	10 April 2018
		Total no. of Young Scientists’ Award applications received	No.	95	54	54	95	95

Revised Mandatory Success Indicators for 2016 – 17

	Objective	Actions	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
1	Efficient Functioning of the RFD System	Timely submission of Draft RFD for 2014-2015 for Approval	On-time submission	Date	2	May 15 2016	May16 2016	May19 2016	May20 2016	May 21 2016
		Timely submission of Results for 2014-2015	On-time submission	Date	1	May 1 2016	May 2 2016	May 5 2016	May 6 2016	May 7 2016
2	Enhanced Transparency/Improved Service delivery of Ministry/Department	Rating from Independent Audit of implementation of Citizens'/Clients' Charter (CCC)	Degree of implementation of commitments in CCC	%	2	100	95	90	85	80
		Independent Audit of implementation of Grievance Redress Management(GRM) system	Degree of success in implementing GRM	%	1	100	95	90	85	80
3	Administrative Reforms	Update organizational strategy to align with revised priorities	Date	Date	2	Nov.1 2016	Nov.2 2016	Nov.3 2016	Nov.4 2016	Nov.5 2016
		Implementation of agreed milestones of approved Mitigating Strategies for Reduction of potential risk of corruption(MSC)	% of implementation	%	1	100	90	80	70	60
		Implementation of agreed milestones for ISO 9001	% of implementation	%	2	100	95	90	85	80
		Implementation of milestones of approved Innovation Action Plans(IAPs)	% of implementation	%	2	100	90	80	70	60
TOTAL WEIGHT=						13%				

