



Government of Haryana

R F D

(Results-Framework Document)
for

Science and Technology

(2014-2015)

Section 1: Vision, Mission, Objectives and Functions

Vision

To promote and popularise Science and Technology for the advancement and welfare of State and its people and to develop scientific temper in them.

Mission

To Promote scientific temper by improvement in quality of science education in schools. Support technology development and technology absorption. Support research in priority areas. Help in creating science related infrastructure. Collaborating with other departments / universities / research institutes. Improve governance through technological shift. Undertake benchmark studies in different fields.

Objectives

- 1 Promotion of scientific temper among general masses
- 2 Promotion and improvement in quality of science education in the State.
- 3 Support and promote innovation in the State.
- 4 Encourage research in biotechnology.
- 5 Encourage utilization of remote sensing and GIS techniques for overall developmental planning of the State.

Functions

- 1 Identification of new technologies for agriculture and industry.
- 2 All matters relating to arrangements for processing the new technology.
- 3 All matters relating to liaison with Research Institutions, National Laboratories, Universities and Department of Science & Technology, Govt. of India.
- 4 Dissemination of new technology in the State.

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
[1] Promotion of scientific temper among general masses	20.00	[1.1] Popularization of science through annual quiz & essay contests for college and school students.	[1.1.1] Timely execution of the contests.	Date	5.00	31/01/2015	15/02/2015	28/02/2015	15/03/2015	31/03/2015
		[1.2] No. of schools/colleges participating in districts covered.	[1.2.1] No. of schools/colleges participating	Number	5.00	1050	945	840	735	630
		[1.3] No. of students participating in these State level contests	[1.3.1] No. of students participating	Number	5.00	4200	3780	3360	2940	2520
		[1.4] Increase in enrollment in science stream in colleges / universities of Haryana.	[1.4.1] %age increase	%age	3.00	5	4	3	2	1
		[1.5] Introducing the programme for developing scientific temper as per the concept note.	[1.5.1] Timely introduction	Date	2.00	10/03/2015	15/03/2015	20/03/2015	25/03/2015	31/03/2015
[2] Promotion and improvement in quality of science education in the State.	10.00	[2.1] No. of research fellowships awarded & timely release of scholarships.	[2.1.1] No. of research fellowships offered	Number	5.00	25	20	15	10	5
			[2.1.2] Timely release of POSE scholarships	Date	5.00	15/02/2015	28/02/2015	10/03/2015	20/03/2015	31/03/2015
[3] Support and promote innovation in the State.	20.00	[3.1] R&D targets specifying areas of technology research.	[3.1.1] No. of R&D projects approved.	Number	10.00	4	3	2	1	0
		[3.2] percentage of ongoing R&D projects meeting the pre agreed milestones.	[3.2.1] % of R&D projects meeting the targets	%	5.00	100	90	80	70	60

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
		[3.3] No. of new / ongoing collaborations with leading national / international institutions.	[3.3.1] Number of collaborations	Number	5.00	5	4	3	2	1
[4] Encourage research in biotechnology.	15.00	[4.1] No. of new areas identified.	[4.1.1] No. of research protocol developed.	Number	2.00	4	3	2	1	0
		[4.2] No. of high quality plants produced.	[4.2.1] No. of high quality plants produced.	Number	3.00	50000	45000	40000	35000	30000
		[4.3] No. of scientists working in this area of plant biotechnology.	[4.3.1] No. of scientists working	Number	2.00	4	3	2	1	0
		[4.4] Training imparted to various categories like farmer, students, entrepreneurs, corporate, etc.	[4.4.1] No. of persons trained	Number	3.00	50	45	40	35	30
		[4.5] No. of products commercialized.	[4.5.1] No. of products commercialized.	Number	2.00	6	5	4	3	2
		[4.6] Comparison of conventional and tissue culture raised plants will be done for increase in yield / biomass.	[4.6.1] %age increase in yield / biomass.	%	1.00	5	4	3	2	1
		[4.7] Updation of a database for research work done in the area of biotechnology in the State.	[4.7.1] Timely updation of database of bio-technologists.	Date	2.00	10/03/2015	15/03/2015	20/03/2015	25/03/2015	31/03/2015
[5] Encourage utilization of remote sensing and GIS techniques for overall developmental planning of the State.	25.00	[5.1] No. of collaborating organizations using GIS techniques.	[5.1.1] Number of organizations collaborated.	Number	3.00	8	7	6	5	4

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
		[5.2] Preparation of project proposals for the identified tasks of the users.	[5.2.1] Number of projects approved.	Number	3.00	5	4	3	2	1
		[5.3] Generation of geospatial information as per the needs of the users	[5.3.1] Number of projects completed as per the user satisfaction	Number	8.00	5	4	3	2	1
		[5.4] To impart training to user department officials, college and school teachers.	[5.4.1] No. of persons trained.	Number	3.00	120	100	80	60	40
		[5.5] To impart training to students.	[5.5.1] No. of students trained.	Number	3.00	300	270	240	210	80
		[5.6] Planned targets for land records in the State.	[5.6.1] No. of villages for which mussavies updated.	Number	0.50	2000	1800	1600	1400	1200
		[5.7] Geo-linking of Right of Record with updated Digitized maps	[5.7.1] No. of villages for which RoRs Geo-Linked	Number	0.50	6000	5000	4000	3000	2000
		[5.8] Existing documents scanning, indexing, printing, cataloguing and security	[5.8.1] No. of revenue documents (pages) scanned, indexed and coded	Number	0.50	2400000	2000000	1600000	1200000	1000000
		[5.9] Tertiary control points establishment and DGPS survey	[5.9.1] No. of villages for which tertiary control points establishment and survey completed	Number	1.00	4357	3500	3000	2500	2000
		[5.10] Photogrammetric processing of satellite	[5.10.1] No. of villages for which	Number	0.50	6000	5000	4000	3000	2000

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
		data	photogrammetric processing completed							
		[5.11] Printing 3 copies of each final mussavi sheet on 75 micron polyester matt film	[5.11.1] No of villages for which printing completed	Number	0.50	6000	5000	4000	3000	2000
		[5.12] Updation of maps using DGPS/ETS Survey	[5.12.1] No of villages for which ETS Survey completed	Number	0.50	500	450	400	350	300
		[5.13] Mosaic of all villages/Tehsil/District boundaries	[5.13.1] No of villages for which mosaic completed	Number	0.50	6000	5000	4000	3000	2000
		[5.14] Software Development for Document management system	[5.14.1] Software deployment at tehsil level	Number	0.50	120	100	80	60	40
* Efficient functioning of RFD.	4.00	Finalize a strategic plan.	Finalize the strategic plan for the next year.	Date	2.0	24/02/2015	25/02/2015	26/02/2015	27/02/2015	28/02/2015
		Timely submission of draft for approval.	On-time submission.	Date	2.0	25/04/2014	30/04/2014	07/05/2014	15/05/2014	20/05/2014
* Improving internal efficiency/responsiveness/services delivery of department	6.00	Develop RFDs for all responsibility centres.	percentage of RCc covered	%	2.0	100	90	80	70	60
		Implementation of Harsamadhan	Percentage of complaints resolved within prescribed timeline.	%	2.0	100	90	80	70	60
		Delivery of services as per Citizen Charter.	Percentage of targeted services	%	2.0	100	90	80	70	60

* Mandatory Objective(s)

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value for FY 12/13	Actual Value for FY 13/14	Target Value for FY 14/15	Projected Value for FY 15/16	Projected Value for FY 16/17
[1] Promotion of scientific temper among general masses	[1.1] Popularization of science through annual quiz & essay contests for college and school students.	[1.1.1] Timely execution of the contests.	Date	30/01/2013	29/01/2014	15/02/2015	--	--
	[1.2] No. of schools/colleges participating in districts covered.	[1.2.1] No. of schools/colleges participating	Number	1070	1202	945	--	--
	[1.3] No. of students participating in these State level contests	[1.3.1] No. of students participating	Number	4460	4268	3780	--	--
	[1.4] Increase in enrollment in science stream in colleges / universities of Haryana.	[1.4.1] %age increase	%age	--	23	4	--	--
	[1.5] Introducing the programme for developing scientific temper as per the concept note.	[1.5.1] Timely introduction	Date	--	--	15/03/2015	--	--
[2] Promotion and improvement in quality of science education in the State.	[2.1] No. of research fellowships awarded & timely release of scholarships.	[2.1.1] No. of research fellowships offered	Number	20	20	20	--	--
		[2.1.2] Timely release of POSE scholarships	Date	14/02/2013	06/05/2014	28/02/2015	--	--
[3] Support and promote innovation in the State.	[3.1] R&D targets specifying areas of technology research.	[3.1.1] No. of R&D projects approved.	Number	4	3	3	--	--
	[3.2] percentage of ongoing R&D projects meeting	[3.2.1] % of R&D projects meeting the targets	%	100	100	90	--	--

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value for FY 12/13	Actual Value for FY 13/14	Target Value for FY 14/15	Projected Value for FY 15/16	Projected Value for FY 16/17
	the pre agreed milestones.							
	[3.3] No. of new / ongoing collaborations with leading national / international institutions.	[3.3.1] Number of collaborations	Number	5	5	4	--	--
[4] Encourage research in biotechnology.	[4.1] No. of new areas identified.	[4.1.1] No. of research protocol developed.	Number	3	3	3	--	--
	[4.2] No. of high quality plants produced.	[4.2.1] No. of high quality plants produced.	Number	50000	52000	45000	--	--
	[4.3] No. of scientists working in this area of plant biotechnology.	[4.3.1] No. of scientists working	Number	4	4	3	--	--
	[4.4] Training imparted to various categories like farmer, students, entrepreneurs, corporate, etc.	[4.4.1] No. of persons trained	Number	50	56	45	--	--
	[4.5] No. of products commercialized.	[4.5.1] No. of products commercialized.	Number	6	6	5	--	--
	[4.6] Comparison of conventional and tissue culture raised plants will be done for increase in yield / biomass.	[4.6.1] %age increase in yield / biomass.	%	--	0	4	--	--
	[4.7] Updation of a database for research work done in the area of biotechnology in the State.	[4.7.1] Timely updation of database of bio-technologists.	Date	08/03/2013	28/02/2014	15/03/2015	--	--

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value for FY 12/13	Actual Value for FY 13/14	Target Value for FY 14/15	Projected Value for FY 15/16	Projected Value for FY 16/17
[5] Encourage utilization of remote sensing and GIS techniques for overall developmental planning of the State.	[5.1] No. of collaborating organizations using GIS techniques.	[5.1.1] Number of organizations collaborated.	Number	9	8	7	--	--
	[5.2] Preparation of project proposals for the identified tasks of the users.	[5.2.1] Number of projects approved.	Number	7	6	4	--	--
	[5.3] Generation of geospatial information as per the needs of the users	[5.3.1] Number of projects completed as per the user satisfaction	Number	4	5	4	--	--
	[5.4] To impart training to user department officials, college and school teachers.	[5.4.1] No. of persons trained.	Number	90	150	100	--	--
	[5.5] To impart training to students.	[5.5.1] No. of students trained.	Number	--	315	270	--	--
	[5.6] Planned targets for land records in the State.	[5.6.1] No. of villages for which mussavies updated.	Number	--	4000	1800	--	--
	[5.7] Geo-linking of Right of Record with updated Digitized maps	[5.7.1] No. of villages for which RoRs Geo-Linked	Number	--	0	5000	--	--
	[5.8] Existing documents scanning, indexing, printing, cataloguing and security	[5.8.1] No. of revenue documents (pages) scanned, indexed and coded	Number	--	--	2000000	--	--
	[5.9] Tertiary control points establishment and DGPS survey	[5.9.1] No. of villages for which tertiary control points	Number	--	1643	3500	--	--

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value for FY 12/13	Actual Value for FY 13/14	Target Value for FY 14/15	Projected Value for FY 15/16	Projected Value for FY 16/17
		establishment and survey completed						
	[5.10]Photogrammetric processing of satellite data	[5.10.1] No. of villages for which photogrammetric processing completed	Number	--	0	5000	--	--
	[5.11]Printing 3 copies of each final mussavi sheet on 75 micron polyester matt film	[5.11.1] No of villages for which printing completed	Number	--	--	5000	--	--
	[5.12]Updation of maps using DGPS/ETS Survey	[5.12.1] No of villages for which ETS Survey completed	Nuermber	--	--	450	--	--
	[5.13]Mosaic of all villages/Tehsil/District boundaries	[5.13.1] No of villages for which mosaic completed	Number	--	--	5000	--	--
	[5.14]Software Development for Document management system	[5.14.1] Software deployment at tehsil level	Number	--	--	100	--	--
* Efficient functioning of RFD.	Finalize a strategic plan.	Finalize the strategic plan for the next year.	Date	--	27/06/2014	25/02/2015	--	--
	Timely submission of draft for approval.	On-time submission.	Date	--	--	30/04/2014	--	--
* Improving internal efficiency/responsiveness/services delivery of department	Develop RFDs for all responsibility centres.	percentage of RCc covered	%	--	--	90	--	--
	Implementation of Harsamadhan	Percentage of complaints resolved within prescribed	%	--	--	90	--	--

* Mandatory Objective(s)

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value for FY 12/13	Actual Value for FY 13/14	Target Value for FY 14/15	Projected Value for FY 15/16	Projected Value for FY 16/17
		timeline.						
	Delivery of services as per Citizen Charter.	Percentage of targeted services	%	--	--	90	--	--

* Mandatory Objective(s)

Section 4: Acronym

Sl.No	Acronym	Description
1	CBSE	Central Board of Secondary Education
2	CPB	Center for Plant Biotechnology, Hisar
3	CSIR	Council for Scientific and Industrial Research
4	DGPS	Differential Global Positioning System
5	GIS	Geographic Information System
6	HARSAC	Haryana Space Application Center, Hisar

**Section 4:
Acronym**

Sl.No	Acronym	Description
7	HSCST	Haryana State Council for Science and Technology, Panchkula
8	ICSE	Indian Certificate of School Education
9	JRF	Junior Research Fellow
10	NET	National Eligibility Test
11	POSE	Promotion of Science Education Scholarship Scheme
12	R&D	Research and Development

Section 4: Acronym

Sl.No	Acronym	Description
13	ROR	Record of Rights
14	SRF	Senior Research Fellow
15	UGC	University Grants Commission

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
1	[1.1.1] Timely execution of the contests.		The annual quiz and essay contests are organized separately for the school and college students. Further, the quiz contests at school level are organized for the schools of Haryana Board and CBSE/ICSE separately.	Date of completion of the contests.	
2	[1.2.1] No. of schools/colleges participating		Participation of about 50 schools / colleges per districts in the essay and quiz contests are targeted.	Number of schools / colleges	
3	[1.3.1] No. of students participating		In quiz and essay contests participation of about four students per school/college are being targeted.	Number of participating students	
4	[1.4.1] %age increase		The data of students enrolled in undergraduate science courses will be obtained from the Higher Education Department and the comparison for %age increase / decrease from previous years will be made to observe the impact of various science	%age increase in enrollment	

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
4	[1.4.1] %age increase		popularization activities.	%age increase in enrollment	
5	[1.5.1] Timely introduction		Programmes for developing scientific temper among general masses as per the concept note prepared by the department will be implemented during the current year.	Date	
6	[2.1.1] No. of research fellowships offered		The department awards research fellowships on UGC pattern to the students pursuing Ph.D. in Universities / Institutes of Haryana, on the basis of their performance in NET exam.	No. of research fellowships offered in the year.	
7	[2.1.2] Timely release of POSE scholarships		Handsome scholarships namely Promotion of Science Education (POSE) were offered to the B.Sc. (Honours) and M.Sc.students having opted the basic science subjects Physics, Chemistry, Botany, Zoology,	Date by which scholarships of selected students are released.	

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

SI.No	Success indicator	Description	Definition	Measurement	General Comments
7	[2.1.2] Timely release of POSE scholarships		Mathematics and Geology. From 2013-14, this scheme has been revised by changing the scheme for B.Sc. Medical and Non-Medical students instead of B.Sc. (Honours) students.	Date by which scholarships of selected students are released.	
8	[3.1.1] No. of R&D projects approved.		To support the Research and Development activities, the department provides funds to the scientists of Universities / Research Organizations of the State depending upon the budget availability.	Number	
9	[3.2.1] % of R&D projects meeting the targets		While sanctioning the R&D projects, some predefined targets are set for the proponent and subsequent installments of the funds are released depending upon the performance / progress of the project.	%age	

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
10	[3.3.1] Number of collaborations		It is necessary to explore new association / collaboration with the Universities / Research organizations / District Administration for promotion and popularization of science and technology	Number	
11	[4.1.1] No. of research protocol developed.		Research protocols are required for the production of rare and elite genotypes of various types of horticultural, medicinal, forest and other crop plant species using tissue culture technology.	Number	
12	[4.2.1] No. of high quality plants produced.		High quality and disease free planting material will be produced through tissue culture and supplied to the farmers/users.	Number	
13	[4.3.1] No. of scientists working		Scientists are required to develop the research protocols for production of high quality planting material of different plant species.	Number	

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
14	[4.4.1] No. of persons trained		Students, teachers, farmers etc. will be trained in the area of plant tissue culture to popularize this technology in the state.	Number	
15	[4.5.1] No. of products commercialized.		Newly developed research protocols will be used for commercial production of high quality and disease free planting material	Number	
16	[4.6.1] %age increase in yield / biomass.		The methodology developed during last year for monitoring the economic benefits of biotechnology will be implemented for comparison of %age increase in yield / biomass of tissue culture raised plants than the conventional ones.	%age increase	
17	[4.7.1] Timely updation of database of bio-technologists.		The data of the scientists of the region working in the field of bio-technology collected by CPB during previous year will be regularly updated and expanded to make a	Date	

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
17	[4.7.1] Timely updation of database of bio-technologists.		useful database.	Date	
18	[5.1.1] Number of organizations collaborated.		The collaborations are planned to facilitate the planning process of various user department and to promote G-governance.	Number	
19	[5.2.1] Number of projects approved.		Different applications in respective areas for the user departments are identified.	Number	
20	[5.3.1] Number of projects completed as per the user satisfaction		Applications in respective areas for the user departments are developed.	Number	
21	[5.4.1] No. of persons trained.		The trainings are arranged for creating awareness and capacity building in various user departments for utilization of Remote Sensing and GIS techniques.	Number	

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
22	[5.5.1] No. of students trained.		The trainings are arranged for students to sensitize them towards applications of Remote Sensing and GIS techniques.	Number	
23	[5.6.1] No. of villages for which mussavies updated.		The mussavies are to be provided by the DROs / field staff of Revenue Department for every village of the State.	Number	
24	[5.7.1] No. of villages for which RoRs Geo-Linked		The record of rights will be Geo-linked with updated digitized maps.	Number of villages for which the Geo-linking done.	
25	[5.8.1] No. of revenue documents (pages) scanned, indexed and coded		Scanning, indexing, Printing, cataloguing and security of the existing revenue documents of all the villages will be done.	Number of documents (pages)	
26	[5.9.1] No. of villages for which tertiary control points establishment and survey completed		Tertiary control points will be established in each village and survey work will be done.	Number of villages.	

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
27	[5.10.1] No. of villages for which photogrammetric processing completed		Standardization of all the mussavies for villages will be done.	Number of villages.	
28	[5.11.1] No of villages for which printing completed		Initially the printing of each draft original mussavi sheet on 75 micron polyester matt film will be done and after finalization, 3 copies of each final mussavi sheet will be printed on 75 micron polyester matt film.	Number of villages	
29	[5.12.1] No of villages for which ETS Survey completed		Maps will be updated using DGPS/ETS Survey.	Number of villages.	
30	[5.13.1] No of villages for which mosaic completed		Mosaic of all villages/Tehsil/District boundaries will be done.	Number of villages.	

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
31	[5.14.1] Software deployment at tehsil level		Software development completion, submission and deployment at tehsil level.	Number	

Section 5 : Specific Performance Requirements from other Departments

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.
State Government	Haryana	Departments	School Education	[1.1.1] Timely execution of the contests.	Timely organization of district level contests	In order to complete the competitions upto state level well in time	Their cooperation will help in timely execution of contests	The contests will be delayed.
				[1.2.1] No. of schools/colleges participating	Timely organization of district level contests	In order to complete the competitions upto state level well in time	Their cooperation will help in timely execution of contests	The contests will be delayed.
				[1.3.1] No. of students participating	Timely organization of district level contests	In order to complete the competitions upto state level well in time	Their cooperation will help in timely execution of contests	The contests will be delayed.
			Higher Education	[1.4.1] %age increase	Number of students enrolled in Under Graduate science courses	To see the trend of enrolment towards science streams	All type of related data, couse wise, subject wise, category wise etc.	Trends and the impact of our programmes could not identified.
				[2.1.2] Timely release of POSE scholarships	Timely receipt of applications through universities / colleges	To receive in time genuine applications	Applications from maximum eligible candidates	The release of scholarships will be delayed
			Revenue and Disaster Management	[5.6.1] No. of villages for which mussavies updated.	All records related to mussavies / cadastral maps etc and coordination from revenue officials	To transform the analog system to digital system for effective Land Records Management	Revenue records of all the villages of the State	The project progress will be delayed.
[5.7.1] No. of villages for which RoRs Geo-Linked	All records related to mussavies / cadastral maps etc and coordination from revenue officials	To transform the analog system to digital system for effective Land Records Management		Revenue records of all the villages of the State	The project progress will be delayed.			

Section 5 : Specific Performance Requirements from other Departments

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.
				[5.8.1] No. of revenue documents (pages) scanned, indexed and coded	All records related to mussavies / cadastral maps etc and coordination from revenue officials	To transform the analog system to digital system for effective Land Records Management	Revenue records of all the villages of the State	The project progress will be delayed.
				[5.9.1] No. of villages for which tertiary control points establishment and survey completed	All records related to mussavies / cadastral maps etc and coordination from revenue officials	To transform the analog system to digital system for effective Land Records Management	Revenue records of all the villages of the State	The project progress will be delayed.
				[5.10.1] No. of villages for which photogrammetric processing completed	All records related to mussavies / cadastral maps etc and coordination from revenue officials	To transform the analog system to digital system for effective Land Records Management	Revenue records of all the villages of the State	The project progress will be delayed.
				[5.11.1] No of villages for which printing completed	All records related to mussavies / cadastral maps etc and coordination from revenue officials	To transform the analog system to digital system for effective Land Records Management	Revenue records of all the villages of the State	The project progress will be delayed.
				[5.12.1] No of villages for which ETS Survey completed	All records related to mussavies / cadastral maps etc and coordination from revenue officials	To transform the analog system to digital system for effective Land Records Management	Revenue records of all the villages of the State	The project progress will be delayed.
				[5.13.1] No of villages for which	All records related to mussavies /	To transform the analog system	Revenue records of all the villages of the State	The project progress will

Section 5 : Specific Performance Requirements from other Departments

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.
				mosaic completed	cadastral maps etc and coordination from revenue officials	to digital system for effective Land Records Management	Revenue records of all the villages of the State	be delayed.
				[5.14.1] Software deployment at tehsil level	All records related to mussavies / cadastral maps etc and coordination from revenue officials	To transform the analog system to digital system for effective Land Records Management	Revenue records of all the villages of the State	The project progress will be delayed.
		Corporation	Haryana State Electronics Development Corporation (Hartron)	[1.5.1] Timely introduction	Tendering and shortlisting of the vendor for upgradation of website as per the concept note.	To upgrade the website as per the concept note.	Timely completion of tendering process and quality checks.	Work will be delayed.

Section 6: Outcome/Impact of Department/Ministry

Outcome/Impact of Department/Ministry	Jointly responsible for influencing this outcome / impact with the following department (s) / ministry(ies)	Success Indicator	Unit	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17
1 Increase in enrollment in under graduate science stream in colleges / universities of Haryana	Higher Education Department	Number of students taking admission in graduate courses in sciences.	Number	87525	107883	TBC		
2 Utilization of space technologies in developmental planning	All departments	Number of departments collaborated and adopting the GIS technologies for their overall planning	Number	4	8	7		
3 Computerization of land records.	Revenue Department	Number of villages targeted to complete.	Number			5000		
4 Planting of high yielding disease free plants.	Agriculture, Horticulture, Forests	No. of plants sold / distributed by CPB.	Number	50000	52000	45000		
5 Preparation of protocols of high yielding disease free planting material	Agriculture, Horticulture, Forests	Number of protocols developed	Number	3	3	2		
6 Facilitation in filing of patent / trademark applications.	State Universities, Academic Institutions, Education and Industries Department.	Number of patents / trademarks filed.	Number		9	3		