

ANNEXES

Annexe-1.1

(Referred to in paragraph no. 1.5)

Gross expenditure incurred by these Ministries/Departments during 2015-16 to 2017-18

(₹ in crore)

Sl. No.	Name of Ministry	2015-16	2016-17	2017-18
1.	Agriculture	22778.34	48997.61	55971.04
2.	Ayurveda, Yoga & Naturopathy, Unani, Siddha and Homoeopathy	1112.14	1292.60	2034.72
3.	Consumer Affairs, Food and Public Distribution	162384.89	147333.84	160517.15
4.	Culture	2011.83	2302.55	2530.51
5.	Development of North Eastern Region	2036.68	2543.61	2568.36
6.	Department of Atomic Energy	16380.70	18238.40	20067.60
7.	Nuclear Power Schemes	4733.26	--	--
8.	Department of Bio-Technology	1554.30	1895.50	2231.40
9.	Department of Science & Technology	3658.50	4325.60	4635.20
10.	Department of Scientific & Industrial Research	4028.60	4051.70	4618.80
11.	Department of Space	6920.00	8040.00	9130.60
12.	Drinking Water and Sanitation	13481.18	26475.66	27338.77
13.	Earth Sciences	1328.30	1464.20	1553.30
14.	Environment, Forest and Climate Change	2024.70	3360.30	4277.70
15.	External Affairs	14472.95	12772.62	13749.73
16.	Finance (Department of Expenditure)	166.79	285.00	224.47
17.	Food Processing Industries	504.44	716.97	685.83
18.	Health and Family Welfare	35390.48	40407.08	84704.43
19.	Home Affairs (including UTs without Legislatures)	70006.68	81310.12	103666.29
20.	Human Resource Development	86657.36	91673.04	112615.16
21.	Information and Broadcasting	14681.30	3978.30	3487.62
22.	Labour and Employment	4832.02	5313.31	6528.57
23.	Law and Justice	3127.96	3851.01	4567.13

Sl. No.	Name of Ministry	2015-16	2016-17	2017-18
24.	Minority Affairs	3654.85	3049.15	4139.31
25.	New and Renewable Energy	4244.80	7754.10	7456.20
26.	Overseas Indian Affairs	68.34	--	--
27.	Panchayati Raj	208.67	673.98	700.29
28.	Parliamentary Affairs	15.09	17.09	17.11
29.	Personnel, Public Grievances and Pensions	1127.29	1279.12	1563.59
30.	Planning	1781.03	225.69	258.95
31.	The President, Lok Sabha, Rajya Sabha, Union Public Service Commission, the Secretariat of the Vice President and Election Commission	1189.81	1368.20	1250.34
32.	Rural Development	121366.19	157952.27	180407.77
33.	Skill Development and Entrepreneurship	1007.47	1553.09	2198.01
34.	Social Justice and Empowerment	6309.64	7305.78	7682.83
35.	Statistics and Programme Implementation	4178.40	4270.84	4302.07
36.	Tribal Affairs	4495.18	4822.29	5317.79
37.	Water Resources, River Development and Ganga Rejuvenation	7906.90	6427.30	6054.90
38.	Women and Child Development	17260.28	17097.61	20520.45
39.	Youth Affairs and Sports	1460.90	1576.20	1722.71
Total		944264.84	738280.02	871296.68

Source: Union Government-Appropriation Accounts (Civil) 2015-16, 2016-17 and 2017-18

Annexe-2.1

{Referred to in paragraph no. 2.2.1 & 2.2.4.1(A)}

Theme-wise details of Research Projects completed during 2012-18

Sl. No.	Title of the theme	No. of projects completed during 2012-18
1.	Integrated natural resources appraisal, monitoring and desertification	15
2.	Biodiversity conservation, improvement of annuals and perennials	32
3.	Integrated arid land farming system research	30
4.	Integrated land and water resources management	22
5.	Live stock production and management	8
6.	Plant products and value addition	5
7.	Integrated pest management	5
8.	Non-conventional energy sources, farm machinery and power	9
9.	Socio-economic investigation and evaluation	4
10.	Technology assessment, refinement and training	7
	Total	137

Annexe-2.2

(Referred to in paragraph no. 2.2.3.1)

Details of budgetary allocation and expenditure during 2012-18

(₹ in crore)

Year	Budget provision			Expenditure			Saving/Refund
	Plan	Non- Plan	Total	Plan	Non- Plan	Total	
2012-13	3.45	54.03	57.48	3.44	54.02	57.46	0.02
2013-14	2.75	60.37	63.12	2.75	60.35	63.10	0.02
2014-15	2.63	69.02	71.65	2.61	68.74	71.35	0.30
2015-16	2.80	70.40	73.20	2.80	70.38	73.18	0.02
2016-17	3.98	78.94	82.92	2.87	78.81	81.68	1.24
2017-18	112.17		112.17	112.00		112.00	0.17
Total			460.54			458.77	1.77

Annexe-2.3
{Referred to in paragraph no. 2.2.4.1 (E)}

Details of 21 Commercialisable Technologies Developed by CAZRI since inception of Institute

Sl. No.	Name of technology developed	Technology IP protected/Non-IP protected ¹	Commercialisation status	Status of patent
1.	Three-in-one solar device	Non-IP protected	Commercialised	NA
2.	Solar PV duster	Non-IP protected	Commercialised	NA
3.	Improved Animal Feed Solar Cooker	Non-IP protected	Commercialised	NA
4.	Inclined Solar dryer	Non-IP protected	Commercialised	NA
5.	Improved Kassi	Non-IP protected	Commercialised	NA
6.	PV Winnow-cum-dryer	Non-IP protected	Commercialised	NA
7.	Solar Dryer	Non-IP protected	Commercialised	NA
8.	Jaisalmeri preserve and candy from fruit of Toosh (Citrullus Colocynthis)	IP protected	Under process	Granted
9.	Preparation and method of processing of Aloe candy from Aloe species	IP protected	Under process	Granted
10.	A novel method for isolating Aloin by extraction from yellow sap of Aloe vera	IP protected	Under process	Granted
11.	Nano-induced bacterial polysaccharide production	IP protected	Under process	Granted
12.	A process for synthesizing a Multi-nutrient organic manure	IP protected	Under process	Granted
13.	Bio-formulation of a Bio-pesticide and a process for preparing the same	IP protected	Under process	Granted
14.	Biosynthesis of mental nanoparticle from fungi	IP protected	Commercialised	In order for Grant (U/S 43)
15.	Rapid synthesis of platinum nanoparticles from Aspergillus flavus TFR 12	IP protected	Under process	In order for Grant (U/S 43)

¹ IP protected technologies are those that fall under the category of 'Inventions' and can be patented under Indian Patent Act. All other are non-IP protected technologies.

Sl. No.	Name of technology developed	Technology IP protected/Non-IP protected ¹	Commercialisation status	Status of patent
16.	Consortium of bio-pesticides and bio-formulation comprising same	IP protected	Under process	Application in Amended Stage
17.	Development of nano-induced biological phosphorous fertilizer (NB-PHOS) using <i>Aspergillus flavus</i> CZR-2	IP protected	Under process	Application in Amended Stage
18.	Compacted Compost-Gypsum Blocks	IP protected	Under process	Application in Amended Stage
19.	Petpyara churna from Toosh (Citrullus Colocynthis)	IP protected	Under process	Application Refused U/S 15
20.	A novel product "Aloe jelly" and method of processing the same	IP protected	Under process	Application Refused U/S 15
21.	Aloe Pickle and method of processing the same	IP protected	Under process	Application Refused U/S 15

Annexe-2.4
(Referred to in paragraph no. 2.2.5.3)

Details of shortfall in achievement of targets of on campus and off campus training programmes by KVK CAZRI, Kukma-Bhuj

On campus training:

Year	Rural youth			Extension Functionaries/Personnel		
	(No. of trainings)			(No. of trainings)		
	Target	Achievement	Shortfall	Target	Achievement	Shortfall
2012-13	0	0	0	0	0	0
2013-14	2	0	2	5	2	3
2014-15	1	0	1	3	2	1
2015-16	2	0	2	6	4	2
2016-17	0	0	0	4	2	2
2017-18	0	0	0	2	2	0
Total	5	0	5*	20	12	8**

* Percentage shortfall in trainings to Rural Youth was 100 per cent.

** Percentage shortfall in trainings to Extension functionaries was 40 per cent.

Off campus training:

Year	Rural youth		
	(No. of trainings)		
	Target	Achievement	Shortfall
2012-13	0	0	0
2013-14	6	1	5
2014-15	0	0	0
2015-16	17	4	13
2016-17	0	3	(-) 3
2017-18	0	1	(-) 1
Total	23	9	14*

* Percentage shortfall in trainings to Rural Youth was 60.86 per cent.

Annexe-2.5

(Referred to in paragraph no. 2.2.6.1)

Statement showing the details of vacancy position of scientific staff during 2012-18

Post	2012-13			2013-14			2014-15			2015-16			2016-17			2017-18		
	S	M	V	S	M	V	S	M	V	S	M	V	S	M	V	S	M	V
Director	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0
Principal Scientist	16	12	04	16	13	03	16	12	04	16	12	04	16	09	07	16	9	7
Senior Scientist	38	20	18	38	25	13	38	23	15	38	24	14	38	23	15	38	22	16
Scientist	86	50	36	86	50	36	86	53	33	86	60	26	86	63	23	86	64	22
Total	141	83	58	141	89	52	141	89	52	141	97	44	141	96	45	141	96	45
Percentage shortfall	41.13			36.88			36.88			31.21			31.91			31.91		

S: Sanctioned

M: Men-in-position

V: Vacant

Annexe-3.1

(Referred to in paragraph no. 3.1.1)

Details of packages awarded and their expenditure

(₹ in lakh)

Sl. No.	LOI No.	Date	Work Details	Name of the Sub-contractor	Actual Cost
1.	1762	07.10.2011	Consultancy Service for Repair, Renovation and Upgradation of IM	M/s Chapman Taylor	36.08*
2.	1022	06.01.2012	FPS Building	M/s Singh Techno Infra Pvt. Ltd.	45.48
3.	07	25.01.2012	Repair and Restoration of IM Building (External)	M/s The Millennium Construction Co.	740.30
4.	06	04.04.2012	Condition Survey of IM	Jadavpur University	4.98
5.	519	18.07.2013	Restoration of Ground Floor Corridors, Entrance Lobby etc. at IM	M/s The Millennium Construction Co.	1008.04
6.	890	16.08.2013	Construction of Upgradation of Archaeology, Paleo & Cultural Anthropology etc. galleries at IM	M/s Urmila RCP Projects Pvt. Ltd.	1780.40
7.	1017	26.08.2013	Creation of Toilet and Replacement of Lift at IM	M/s Ganapati Projects Pvt. Ltd.	132.65
8.	381	06.12.2013	External Electrical Installation of IM	M/s Translec Systems (India) Pvt. Ltd.	488.75
9.	1218A	10.01.2014	Providing & fixing steel labels etc. inside showcases of IM	M/s Adunique 76	9.35
10.	Nil	11.01.2014	Supply of Computers	M/s Computer Exchange Pvt. Ltd.	3.97
11.	1230	15.01.2014	Miscellaneous work of ABC Hall	M/s The Millennium Construction Co.	24.97
12.	1224	15.01.2014	Providing Security Surveillance System in Coin Gallery of IM	M/s Rahi Systems Pvt. Ltd.	21.35
13.	1239A	21.01.2014	Providing & fixing Display & Directional Signage of IM	M/s Adunique 76	18.45
14.	1238A	21.01.2014	Temporary shed with Fiber Glass Sheet and other misc. works at IM	M/s Structon	2.74
15.	1471A	08.03.2014	Miscellaneous & Finishing Works at IM	M/s Urmila RCP Projects Pvt. Ltd.	24.98
16.	338	21.03.2014	Renovation and upgradation of Galleries of IM	M/s Urmila RCP Projects Pvt. Ltd.	5405.04
17.	390	25.06.2014	Supply and Installation of Court Yard Illumination at IM	M/s Translec Systems (India) Pvt. Ltd.	23.93
18.	515A	25.07.2014	Preparation of As Built Drawing of Building within the premises of IM	M/s Bithi Basak	1.09
19.	748A	10.10.2014	Photo Framing of Valuable Painting for display at IM	M/s Adunique 76	37.02
20.	972	17.12.2014	Consultancy Services for Display System of Galleries of IM	M/s ACME Consultant Pvt. Ltd.	6.70*
21.	1033	05.01.2015	Supply of Godrej Furniture at IM	M/s Godrej Boyce Mfg. Co. Ltd.	58.10
22.	1133	03.02.2015	Providing and fixing steel labels & vinyl labels etc. inside showcases of IM	M/s Adunique 76	3.59
23.	401A	22.06.2016	Providing and fixing labels of Mask Gallery of IM	M/s Color Magic	3.19
Sub-Contractor Total					9881.15
Agency Commission paid to NBCC (7% of ₹ 98.38 crore (₹ 98.81 crore minus (₹ 36.08 lakh plus ₹ 6.70 lakh)*)					688.66
Total Expenditure					10569.81

* Agency Commission has not been paid for both the payments at Sr. 1 & 20, as expenditure was incurred without NBCC's Project Monitoring Consultancy.

Annexe-4.1

(Referred to in paragraph no. 4.4)

Cost escalation in contracts executed by Indira Gandhi Centre for Atomic Research,
Kalpakkam

Sl. No.	Name of Civil Work	Date of Agreement	Work Order Value (in ₹)	Period of completion stipulated in agreement (in months)	Period beyond which cost escalation applicable as per CPWD provision (in months)	Amount paid as cost escalation (in ₹)
1.	Construction of Computer Annex Building	June 2013	2,16,68,635	15	18	9,55,053
2.	Construction of storage Building and office building for MRPU at DAE facility in Pallavaram Chennai.	March 2011	1,63,41,745	12	18	11,24,784
3.	Construction on of O&M Stores Building besides IFBS in FBTR complex	December 2011	92,35,565	8	18	2,02,124
4.	Construction of HTER Building	May 2013	4,37,90,900	12	18	17,23,988
5.	Laying of Peripheral Road for plant site at FRFCF	July 2014	2,78,38,100	8	12	4,36,976
6.	Providing Fencing with Chain link and Concreting for FRFCF Site at Kalpakkam	July 2014	2,65,77,130	8	12	7,53,568
7.	Construction of Experimental hall facility building at SRI, AERB, IGCAR.	August 2014	1,70,68,150	12	12	5,53,076
8.	Augmentation of Sewage Treatment Plant Phase-II	November 2014	1,80,75,500	12	12	12,46,485
9.	Formation of Asphaltic concrete road drain and RR compound wall from Helipad to PDC-5	April 2015	3,73,69,767	12	12	39,84,177
	TOTAL		21,79,65,492			1,09,80,231

Note: In all the cases, cost escalation was paid considering the period eligible for cost escalation as six months.

Annexe-8.1
(Referred to in paragraph no. 8.2)

Year	Renunciation No. of cases	Penalty No. of cases	Short recovery in renunciation fee (NZ\$)	Short recovery in penalty (NZ\$)
2012 (Jan-Dec)	582	Nil	59262	Nil
2013 (Jan-Dec)	1796	742	183192	185119
2014 (Jan-Dec)	1953	434	199006	105410
2015 (Jan-Dec)	2085	370	212670	87690
2016 (Jan-Dec)	2988	287	304776	69953
2017 (Jan-Dec)	939+3001 (3940)	66+336 (402)	95778+306502 (402280)	15762+83472 (99234)
2018 (Jan-Apr)	1193	93	141476	22866
Total	14537	2328	1502662	570272

Short recovery in **14537** cases of **renunciation fees** amounting to ₹ 3,22,17,073.30 (1502662 NZ\$) i.e. ₹ 3.22 crore for the period from **2012-2018**.

Short recovery in **2328** cases of **penalty** amounting to ₹ 1,22,26,631.70 (570272 NZ\$) i.e. ₹ 1.22 crore for the period from **2012-2018**.

Annexe-8.2
(Referred to in paragraph no. 8.3)

Monthly Speed post business	Discount rate offered from 01.01.2011 to 30.09.2012	Discount rate offered from 01.10.2012 to 31.12.2016	Discount rate offered w.e.f. 01.01.2017
₹ 50,000 to ₹ 1,00,000	5%	6.25%	10%
₹ 1,00,000 to ₹ 2,50,000	7.5%	9.38%	
₹ 2,50,001 to ₹ 5,00,000	10%	12.50%	
₹ 5,00,001 to ₹ 7,50,000	12.5%	15.63%	15%
₹ 7,50,001 to ₹ 10,00,000	15%	18.75%	
₹ 10,00,001 to ₹ 15,00,000	17%	21.25%	
₹ 15,00,001 to ₹ 20,00,000	18%	22.50%	
₹ 20,00,001 to ₹ 25,00,000	19%	23.75%	
More than ₹ 25,00,001 to 1,00,00,000	20%	25%	20%
₹ 1,00,00,001 to 5,00,00,000			25%
Above ₹ 5,00,00,001			30%

Annexe-8.3
(Referred to in paragraph no. 8.3)

Non Production of details/data in electronic format (Soft Copy)

Sl. No.	Name of the RPO	Period of Observation	₹ in lakh
1.	Ahmedabad	April 2015 to March 2018	52.66
2.	Bareilly	April 2015 to March 2018	5.43
3.	Bhopal	April 2015 to March 2018	12.20
4.	Delhi	April 2015 to March 2016	6.06
5.	Dehradun	April 2015 to March 2018	3.99
6.	Ghaziabad	April 2015 to March 2016	9.48
7.	Guwahati	April 2015 to March 2018	6.38
8.	Hyderabad	April 2015 to March 2018	7.13
9.	Jaipur	April 2015 to March 2018	33.52
10.	Kolkata	April 2015 to March 2017	55.50
11.	Kozhikode	April 2015 to March 2018	18.48
12.	Patna	April 2015 to March 2018	11.93
13.	Trichy	April 2015 to January 2018	15.82
Total			238.59
14.	Lucknow	2015-16 to 2017-18	172.14
Grand Total			410.73

Annexe-10.1

(Referred to in paragraph no. 10.1)

(` in crore)

State	No. of PS	Funds released by Centre	PS completed	Completion cost	No. of PS with cost < ₹2 crore	Eligible Amount of Central Share*	Funds Unutilised			Amount Recoverable	Amount Recovered	Recovery awaited
							Centre	State	Interest			
Andhra Pradesh	16	25.60	16	27.88	16	22.30	3.30	0.00	0.00	3.30	1.79	1.51
Jharkhand	75	116.90	75	138.58	70	110.86	6.04	0.00	0.54	6.58	5.73	0.85
Odisha	70	112.00	70	134.83	70	107.86	4.14	0.00	15.17	19.31	15.17	4.14
Telangana	24	38.40	24	42.25	24	33.80	4.60	0.00	0.00	4.60	0.00	4.60
West Bengal	18	28.70	18	35.51	1	28.41	0.30	0.00	0.00	0.30	0.00	0.30
Madhya Pradesh	12	19.20	12	19.69	12	15.75	3.45	0.00	0.34	3.79	0.00	3.79
Maharashtra	10	16.00	10	28.07	2	16.00	0.26	0.00	1.26	1.52	0.00	1.52
Uttar Pradesh	15	23.89	15	31.96	9	23.68	0.21	0.00	0.00	0.21	0.00	0.21
Bihar	85	124.80	82	165	0	132.00	0.00	0.00	0.00	0.00	0.00	0.00
Chhattisgarh**	75	118.40	61	106.33	16	85.06	16.36	0.00	0.00	16.36	0.00	16.36
			14	21.23	12	16.98						
Total	400	623.89	397	751.33	232	592.70	38.66	0.00	17.31	55.97	22.69	33.28

PS: * Eligible amount of central share per Police Station was 80% of actual cost of a Police Station subject to ceiling of ₹ 1.60 crore per Police station.

** Chhattisgarh Government informed (October 2019) that construction of 75 police had been completed. Out of 75 Police Station, final bill of 61 PS had been paid and payment in respect of final bill of 14 PS is yet to be paid.

Annexe-11.1

(Referred to in paragraph no. 11.2)

Statement showing payment of Service Tax by Educational Institutions

(Amount in ₹)

Sl. No.	Name of the Institute	Amount	Period
1.	Maulana Azad National Institute of Technology, Bhopal, Madhya Pradesh	15086047	July 2012-March 2017
2.	National Institute of Technology, Hamirpur, Himachal Pradesh	1871367	March 2013-February 2014
3.	National Institute of Technology, Kurukshetra, Haryana	4533641	February 2013-September 2014
4.	Dr. B.R. Ambedkar National Institute of Technology, Jalandhar, Punjab	1493819	July 2012-September 2013
5.	National Institute of Siddha, Chennai, Tamil Nadu	5260798	July 2012-March 2017
6.	Central University of Tamil Nadu, Thiruvarur, Tamil Nadu	1243172	December 2012-March 2017
7.	National Institute of Health and Family Welfare, New Delhi	6564899	July 2012-March 2017
8.	Central Institute of Indian Languages, Mysore, Karnataka	3108206	April 2014- March 2017
9.	Indian Institute of Science, Bengaluru	10573499	April 2016-March 2017
10.	National Institute Of Technology Karnataka Surathkal	3669523	July 2012-December 2014
Total		53404971	

Annexe-11.2
(Referred to in paragraph no. 11.3)
(D/o Higher Education)

Sl. No	Year of IR	Para No.
1.	1999-2000	Para II/IIA/98-2000
2.	2006-07	Para III/IIB/2006-07
3.	2009-10	Para II/IIB/98-2000
4.	2011-12	Para I/IIB/2009-10
5.	2013-14	Para C,D,E and F
6.	2014-15	Section A para I
7.	2016-17	Section A

Annexe-14.1

(Referred to in paragraph no. 14.1.5)

Details of 21 sampled projects funded by TDB during 2008-09 to 2018-19

(₹ in lakh)

Sl. No.	Year of signing of Agreement	Name of the Company	Name of the Project	Total Project Cost	Loan assistance sanctioned	Total release made, as of 31 March 2019	Status of the project, as on 31 March 2019
1.	2008-09	M/s Spray Engineering Devices Limited, Chandigarh	Development and Commercialisation of Indigenously Developed” Vertical Continuous Vacuum Pan”	1,281.00	430.00 (L)	430.00 (L)	Completed
2.	2008-09	M/s Siechem Technologies Pvt. Limited, Chennai	Developing and commercializing of Electron Beam Irradiation Technology to produce Heat Shrinkable Tubes, Profiles & Sheets, EB Cross linked Polymeric Wires & Cables	1,993.87	400.00 (L)	400.00 (L)	Completed
3.	2008-09	M/s SBP Aqua Tech Pvt. Limited, Hyderabad	Commercialisation of nano silver coated ceramic water filter candles	152.17	75.00 (L)	25.00 (L)	Completed
4.	2008-09	M/s Jyoti Limited, Vadodara	Design, Development Manufacturing and Marketing of 850Kw Wind Energy Converter Systems and Development of Wind farms and its Commercialisation for Electrical Power Generation	2,702.00	1,000.00 (L)	950.00 (L)	Not completed
5.	2009-10	M/s MIC Electronics Limited, Hyderabad	Development and Commercialisation of LED Based Lighting Products as Green Energy Solutions	6,000.00	1,500.00 (L)	1,500.00 (L)	Completed
6.	2009-10	M/s Ogene Systems (I)	Development and Manufacturing of Active	2,985.25	1,350.00 (L)	1,350.00 (L)	Completed

Sl. No.	Year of signing of Agreement	Name of the Company	Name of the Project	Total Project Cost	Loan assistance sanctioned	Total release made, as of 31 March 2019	Status of the project, as on 31 March 2019
		Pvt.Limited, Hyderabad	Pharmaceutical Ingredients (APIs)” namely Cetirizine Dihydrochloride, D-Naproxin, Sumatriptan Succinate, Racecadortil and Amlodipine Besylate.				
7.	2009-10	M/s Sahajanand Laser Technology Limited, Gandhi Nagar, Gujarat	Commercialisation of Fiber Laser cutting system	2,314.04	1,040.00 (L)	1,040.00 (L)	Completed
8.	2011-12	M/s Reliance Cellulose Products Limited, Secunderabad	Development and Commercialisation of Colloidal Microcrystalline Cellulose	985.00	490.00 (L)	440.00 (L)	Completed
9.	2011-12	M/s Intelizon Energy Pvt. Limited, Hyderabad	Solar and Wide Voltage Grid based Rural Home Energy Management System	240.30	100.00 (L)	30.00 (L)	Completed
10.	2011-12	M/s Biogenex Life Sciences Pvt. Limited, Hyderabad	Development and Commercialisation of Highly Specific and Sensitive Molecular Diagnostic Systems	2,468.80	998.80 (L)	975.00 (L)	Not completed
11.	2012-13	M/s Samics Research Materials Pvt. Limited, Bareilly (UP)	Scale-Up Manufacturing of Advanced Ceramic Oxides in Ultra-High Purity Grade for Applications such as Fuel Cells, Thermal Barrier Coatings and Research	116.90	46.35 (L)	30.00 (L)	Completed

Sl. No.	Year of signing of Agreement	Name of the Company	Name of the Project	Total Project Cost	Loan assistance sanctioned	Total release made, as of 31 March 2019	Status of the project, as on 31 March 2019
12.	2012-13	M/s Kavia Carbons (Chennai) Pvt. Limited, Tamil Nadu	Development and Commercialisation of Auto canister Carbon	1,976.00	615.00 (L)	425.00 (L)	Foreclosed/ Abandoned
13.	2013-14	M/s Zen Technologies Limited, Hyderabad	Development and Commercialisation of Unmanned Aerial Vehicle Mission Simulator	2,374.83	1,160.00 (L)	1,160.00 (L)	Completed
14.	2013-14	M/s Angels Health Pvt. Limited, Navi Mumbai	Medi Angels-The World's First Online Hospital providing technology based healthcare solutions across the world	1,150.00	400.00 (L)	160.00 (L)	Foreclosed/ Abandoned
15.	2013-14	M/s Forus Health Pvt. Limited, Bangalore	Development and Commercialisation of 3nethra – An intelligent pre-screening Ophthalmology Device	835.00	240.00 (L)	75.00 (L)	Foreclosed/ Abandoned
16.	2013-14	M/s Intemo Systems Limited, Hyderabad	Expansion of Infrastructure facilities	1,406.65	500.00 (L)	200.00 (L)	Not completed
17.	2013-14	M/s AXIO Biosolutions Pvt. Limited, Ahmedabad	Commercialisation of emergency Haemostatic dressing to control traumatic bleeding	331.41	133.00 (L)	40.00 (L)	Not completed
18.	2016-17	M/s Biological E Limited, Hyderabad	Setting up manufacturing facilities for Pneumococcal Conjugate Vaccine	32,039.00	10,000.00 (L)	8,000.00 (L)	Ongoing
19.	2017-18	M/s Grasim Industries Limited, Mumbai	Birla excel solvent spun cellulosic fibre plant	68,900.00	25,000.00 (L)	16,250.00 (L)	Ongoing
20.	2017-18	M/s Abilities India Pistons & Rings Limited, Delhi	Technology Adaption & Manufacturing of BS VI Quality Standard Pistons	1,682.72	841.36 (L)	210.36 (L)	Ongoing

Sl. No.	Year of signing of Agreement	Name of the Company	Name of the Project	Total Project Cost	Loan assistance sanctioned	Total release made, as of 31 March 2019	Status of the project, as on 31 March 2019
21.	2017-18	M/s Mobilexion Technologies Pvt. Limited, Trivandrum	Development and Commercialisation of Ubimedique Acute Care System	259.54	85.00 (L) 15.00 (G)	60.00 (L) 15.00 (G)	Ongoing
			Total (A)		46,404.51 (L) 15.00 (G)	33,750.36 (L) 15.00 (G)	

Annexe-14.2

(Referred to in paragraph no. 14.1.6)

Status of compliance to recommendations made in the previous Audit Report pertaining to TDB

Audit observation in Report No. 1 of 2006	Recommendations made in the report	Statement of TDB in Action Taken Note	Audit observations on follow up
<p>The production and sales projections were invariably found to be inflated. In 15 completed projects, the achievement of production and sales against projected targets were between zero and 62 per cent.</p> <p>[Paragraph 3.7.2]</p>	<p>The production and sales projections of the company may be critically examined by the technical and financial experts before acceptance to avoid such wide variances between targets and actual achievements.</p>	<p>TDB assured (March 2016) that necessary instructions had been issued to examine the production and sales projections of the company critically before acceptance and signing of the agreement, to avoid variance between targets and actual achievements.</p>	<p>Despite assurance given by the TDB, significant variance between the targets and actual achievements persisted. The issues have been discussed in detail in para 14.1.7.8 of this report.</p>
<p>In 12 projects, TDB had released various instalments of loan without fulfilling some of the prescribed milestones required in the loan agreement.</p> <p>[Paragraph 3.7.3]</p>	<p>TDB may ensure that loan instalments are released only on fulfilling the milestones prescribed in the loan agreement. For adequate caution, the claims of the company should be verified from independent sources like Registrar of Companies before release of each instalment.</p>	<p>TDB stated (March 2016) that although milestones were reviewed during Project Monitoring Committee (PMC) meetings and conscious decision was taken with the approval of the competent authority to release the loan instalments on fulfilling the milestones.</p>	<p>TDB did not ensure the fulfilment of the milestones by the company before releasing loan instalments. The issues have been discussed in detail in para 14.1.7.4 of this report.</p>
<p>Regular monitoring was not done in 17 projects. In five projects, recommendations of PMC were not properly implemented. There was delay in receipt of prescribed returns</p>	<p>PMC meetings should be arranged more frequently, and the PMC should verify the status of implementation of the project against the benchmarks indicated under the agreement.</p>	<p>TDB assured (March 2016) that it had issued instructions for holding of PMC meetings to follow up the case under implementation,</p>	<p>Despite assurance given by TDB, periodicity for holding of PMC was not fixed, PMC meetings were not regularly convened and periodic</p>

Audit observation in Report No. 1 of 2006	Recommendations made in the report	Statement of TDB in Action Taken Note	Audit observations on follow up
<p>including project completion reports in 17 projects including some where none was received. Audited annual accounts were not received in 14 projects. Moreover, companies did not insure the assets or properties making TDB as a sole beneficiary in 11 projects.</p> <p><i>[Paragraph 3.7.4]</i></p>	<p>The recommendations of the PMC should be followed up regularly. The periodic returns, audited annual accounts and insurance policies of assets should be obtained from the companies strictly within the time schedule prescribed in the agreement. TDB should examine these documents properly so as to keep close watch on the developments under the project.</p>	<p>obtain periodic returns, audited annual accounts and insurance policy of assets within the stipulated time prescribed under agreement.</p>	<p>returns/ insurance policies of assets were not obtained from the companies. The audit observations have been discussed in detail in para 14.1.7.7.</p>
<p>The repayment had been received only in two projects while in four other cases repayment was not due. In another project, loan was converted into preference shares and recovery of interest was deferred. In the remaining 19 projects, the companies had defaulted on repayments. Out of the 19 default cases, in 13 cases TDB tried to accommodate the companies by revising the repayment schedule, sometimes more than once. Of these, in nine cases, the companies had again defaulted on repayments of the revised schedules.</p> <p><i>[Paragraph 3.7.5]</i></p>	<p>TDB may take prompt action on defaulters. Obtaining additional collaterals from the borrowers while revising the repayment schedule could be considered to ensure better adherence to revised schedules.</p>	<p>TDB stated (March 2016) that instructions had been issued to take prompt action against defaulters and obtain additional collaterals from the borrowers while revising the repayment schedule to ensure better adherence to revised schedules.</p>	<p>No action was taken by TDB for initiating prompt action on defaulters. The issues have been discussed in detail in para 14.1.7.5 of this report.</p>

Annexe-14.3

(Referred to in paragraph no. 14.1.7.5)

Default in repayment of loan extended by TDB

(₹ in crore)

Sl. No.	Company	Amount of loan released	Amount repaid	Period of default till recall of loan by TDB	Repayment due till recall of loan by TDB	Audit observation
1.	M/s Biogenex Life Sciences Pvt. Ltd. Hyderabad	9.75	Nil	October 2014 to October 2015	3.98	TDB issued (March 2016) a Loan Recall Notice but did not receive any response from the company. Consequently, TDB referred (July 2016) the case to Arbitrator for settlement of outstanding dues. An award amounting to ₹ 12.86 crore was passed (March 2018) in favour of TDB which was also not recovered. As of May 2019, TDB was in the process of filing the execution petition.
2.	M/s Intemo Systems Limited, Hyderabad	2.00	Nil	January 2016 to January 2017	1.95	TDB issued the notice recalling the loan in May 2017. After getting no response from the company, TDB issued a notice (August 2017) for invocation of Arbitration clause. However, as of March 2019, TDB could not appoint an Arbitrator. DST Stated (February 2019) that TDB was in the process of incorporating & empaneling new arbitrators in its panel which took considerable time, as the consent of arbitrator was received

Sl. No.	Company	Amount of loan released	Amount repaid	Period of default till recall of loan by TDB	Repayment due till recall of loan by TDB	Audit observation
						by the time end of June, 2018. Further status was, however, not reported by DST.
3.	M/s SBP Aqua Tech Pvt. Ltd. Hyderabad	0.25	0.09	May 2010 to May 2011	0.20	As the scope of the project was changed by the company, TDB closed the project and requested (October 2010) it to return the along with interest. The company repaid (October 2010) an amount of ₹ nine lakh only due to which TDB recalled (July 2011) the loan and referred (September 2013) the case to the Arbitrator. Arbitrator passed (June 2014) an award of a sum of ₹ 20.01 lakh in favour of TDB for which it filed (January 2016) Execution Petition against the company. The recovery was not effected as of March 2019.
4.	M/s MIC Electronics Ltd. Hyderabad	15.00	Nil	January 2013 to January 2014	5.74	TDB issued (January 2014) Loan Recall Notice but on failure of response from the company, TDB referred (March 2014) the case to Arbitrator. Arbitrator passed (October 2016) an award for ₹ 17.63 crore in favour of TDB. DST stated (February 2019) that TDB started the procedure of execution of award from October 2017, but the

Sl. No.	Company	Amount of loan released	Amount repaid	Period of default till recall of loan by TDB	Repayment due till recall of loan by TDB	Audit observation
						company was declared insolvent in March 2018 due to which no civil or recovery proceedings could be initiated against the company.
	Total	27.00			11.87	

