

**GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE AND TECHNOLOGY  
DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH  
LOK SABHA  
UNSTARRED QUESTION No. 5302  
(ANSWERED ON 28.03.2018)**

**FUNDS SANCTIONED BY CSIR TO VARIOUS COMPANIES**

**5302. SHRI ASHOK MAHADEORAO NETE:**

**Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:**

- (a) whether Council of Scientific and Industrial Research (CSIR) has sanctioned funds as loans on easy terms for various companies for research and development;**
- (b) if so, the details thereof;**
- (c) the norms adopted for sanctioning the said loans;**
- (d) the number of companies which have been provided funds as loans along with the period of such loans and the names of the project;**
- (e) the present status of loan recovery;**
- (f) whether any company has been declared sick after taking such loans; and**
- (g) if so, the details thereof?**

**ANSWER**

**MINISTER OF SCIENCE AND TECHNOLOGY AND EARTH SCIENCES  
(DR. HARSH VARDHAN)**

- (a) Yes, Madam. Council of Scientific & Industrial Research (CSIR) provides soft loan for R&D activities to companies under the New Millennium Indian Technology Leadership Initiative (NMITLI) Scheme. The financial support to industry is in the form of soft loan with 3% interest.**
- (b), (c), (d) & (e) Name of projects, name of companies, amount of loan given, period of loan given and status of repayment of loan is given in Annexure-1. Norms adopted for granting loan is based on selection of project through CCEA approved procedure involving rigorous screening and project review. The criteria for selection of the project are based on novelty of the proposal, potential technological benefits and the ability of industry to capture those benefits.**
- (f) & (g) M/s Samtel Color Limited, Ghaziabad has become sick after availing loan and implementing the project.**

## Details of loan under NMITLI Scheme

(Rupees in lakh)

S. No.	Name of Project	Company name	Loan amount	Period of loan disbursement	Status of loan repayment
1	5 & 25kw decentralized power packs	Sud-Chemie India Ltd., New Delhi	50.00	2002-03 to 2004-05	Total loan repaid
2	Latent M. Tuberculosis: New Targets, Drug Delivery system, bio-enhancers and therapeutics	Lupin Ltd., Pune	1448.45	2001-02 to 2009-10	Being paid in time
3	Nano-material catalysts and associated process technology for alkylation/ acylation/nitration of well identified industrial chemicals, pre-reforming of hydro-carbons and sulphur removal (<50 ppm) from petroleum fuels	Sud-Chemie India Ltd., New Delhi	95.00	2002-03 to 2003-04	Total loan repaid
4	Versatile, portable PC based software for bioinformatics; and Development of Linux cluster version of Bio-suite	Tata Consultancy Services, Hyderabad	780.00	2001-02 to 2003-04	Total loan repaid
		Tata Consultancy Services, Hyderabad	174.00	2004-05	Total loan repaid
		Jalaja Technology, Bangalore	24.00	2001-02 to 2003-04	Defaulter
		Frontier Information Technologies Ltd., Secunderabad	40.000	2001-02 to 2003-04	Defaulter
5	Development of an oral herbal formulation for treatment of psoriasis	Lupin Ltd., Pune	1644.58	2002-03 to 2009-10	Being paid in time
6	Development of novel biotech therapeutic molecule – Lysostaphin	Bharat Biotech International Limited, Hyderabad	713.991	2002-03 to 2013-14	Being paid in time
	Development of novel biotech therapeutic molecule – Lysostaphin	Bharat Biotech International Limited, Hyderabad	434.24	2016-17 to 2018-19 Ongoing	Repayment not due
7	Microbiological conversion of Erythromycin to Clarithromycin and other novel biologically active molecules	Alembic Ltd., Vadodara	28.50	2002-03 to 2003-04	Total loan repaid
8	Novel molecular diagnostics for eye diseases and low vision enhancement devices	Lensel Optics Pvt. Ltd., Pune	14.75	2003-04 to 2004-05	Total loan repaid
		Xcyton Diagnostics Limited, Bangalore	69.56	2005-06	Being paid in time
9	Value added polymeric materials from renewable resources: Lactic acid and lactic acid based polymers	Godavari Sugar Mills, Mumbai	485.00	2006-07 to 2008-09	Defaulter
10	Recombinant approach to produce a-linolenic acid and docosahexanoic acid (DHA) in sunflower and yeast	Avesthgen Pvt. Ltd., Bangalore	303.50	2003-04 to 2006-07	Defaulter
11	A cost effective Simple Office Computing (Sofcomp) platform to replace PC	Encore Software Ltd., Bangalore	320.00	2003-04 to 2004-05	Defaulter
12	A PC based high-end 3D visualization platform for computational biology – ‘Darshee’	Strand Life Sciences Pvt. Ltd., Bangalore	186.40	2003-04 to 2004-05	Total loan repaid

13	Improved Genome Annotation Through a Combination of Machine Learning and Experimental Methods: <i>Plasmodium falciparum</i> As a Case Study	Tata Consultancy Services, Hyderabad	291.00	2004-05 to 2007-08	Total loan repaid
14	Development of Novel Fungicides	Rallis Research Centre, Bangalore	188.29	2004-05 to 2006-07	Total loan repaid
15	Novel Expression System	Biocon, Bangalore	33.125	2004-05 to 2008-09	Being paid in time
		Shantha Biotechics, Hyderabad	56.07	2004-05 to 2008-09	Being paid in time
16	Development of Globally competitive 'Triple-Play' Broadband Technology	Divinet, Pune	938.75	2004-05 to 2006-07	Defaulter
17	Market seeding of SofComp and Mobilis to develop wide-ranging applications as well as increase awareness	Encore Software Ltd., Bangalore	537.00	2005-06 to 2006-07	Defaulter
18	Development of an integrated micro PCR system with In-situ Identification	bigtech Pvt. Ltd., Bangalore	925.10	2005-06 to 2011-12	Being paid in time
19	Development of high throughput marker assisted selection systems for improvement of drought tolerance and fibre quality related traits in Cotton	JK Agri-Genetics Ltd., Hyderabad	736.79	2006-07 to 2010-11	Being paid in time
20	Novel method for development of B-type Natriuretic peptide (BNP) for diagnosis and treatment of congestive heart failure	Virchow Biotech Pvt. Ltd., Hyderabad	414.70	2006-07 to 2008-09	Being paid in time
21	Development of Next Generation Plasma Display Technology a 50" High Definition (HD) TV Prototype	Samtel Color, Ghaziabad	2063.00	2006-07 to 2009-10	Defaulter
22	Development of sensor networks chipset based on ultra-wide band technology	Virtual wire tech, New Delhi	422.00	2006-07 to 2009-10	Defaulter
23	Design and development of cushion bonded/rigid bonded organic, cerametallic cookie & single/fuel sintered buttons (copper/Iron based), ceramic cookies and annular ring slutch discs and matching cover assemblies	Clutch Auto Ltd., Faridabad	1493.35	2007-08 to 2010-11	Defaulter
24	Intellegent Viedo Surveillance System	Mind Tree Ltd., Bangalore	458.09	2008-09 to 2010-11	Being paid in time
25	Novel therapy for management of sepsis	Cadila Pharma Ltd., Ahmedabad	2084.96	2007-08 to 2017-18 Ongoing	Repayment not due
26	Development of DNA Macro-Chips for simultaneous detection of pathogens causing acute encephalitic syndrome (AES) Septicaemia and antibiotic resistance	Xcyton Diagnostics Limited, Bangalore	506.398	2007-08 to 2012-13	Defaulter
27	Development of Characterization of an indigenous vaccine for Johne's disease	Biovet, Bangalore	429.01	2008-09 to 2014-15	Being paid in time
28	Evaluation of RNAi-based constructs for conferring resistance on trasgenic rice against the blast fungus <i>Magnaporthe grisea</i>	Metahelix Life Sciences Ltd., Bangalore	83.27	2008-09 to 2010-11	Being paid in time
29	Development of caerulomycins as novel immunosuppressive agents to prevent organ rejection after transplantation and to address various autoimmune and allergic disorders	EnEm Nostrum Remedies Pvt. Ltd., Mumbai	800.00	2009-10 to 2014-15	Defaulter

30	Novel DPP IV Inhibitors for the treatment of Diabetes	Cadila Pharma Ltd., Ahmedabad	769.50	2009-10 to 2013-14	Being paid in time
	Novel DPP IV Inhibitors for the treatment of Diabetes	Cadila Pharma Ltd., Ahmedabad	277.87	2015-16 to 2017-18 ongoing	Repayment not due
31	Development and production of a therapeutic monoclonal antibody against eNAMPT, a novel inflammatory target	Gennova Biopharmaceuticals Ltd., Pune	1841.40	2010-11 to 2016-17	Being paid in time
32	Design, Development and demonstration of high performance parabolic trough based 300 kW Solar Thermal Power Plant	Milaman Thin Film Systems Pvt. Ltd., Pune	1103.25	2010-11 to 2015-16	Defaulter
33	Development and commercialisation of "Vennfer" – unique H.264 high definition software based multiparty, multipoint video conferencing solution on multipoint network transmission protocol	Intellisys Technologies & Reseach Ltd., Kolkata	296.00	2010-11 to 2013-14	Defaulter
34	Development and commercialisation of NXR-4D: A lithium-Ion battery powered 4-door next generation electric car (4-seater capacity)	Mahindra Reva Electric Vehicles Pvt. Ltd., Bangaluru	1751.80	2011-12 to 2015-16	Being paid in time
35	Design and fabrication of All-fibre supercontinuum light source with application demonstration to detect fake pills	Vinvish Technologies Pvt. Ltd., Thiruvananthapuram	225.25	2011-12 to 2013-14	Being paid in time
36	Development and commercialization of Soleckshaw Lite - An innovative electrical Green transport platform	Kinetic Engg. Ltd., Pune	1317.17	2012-13 to 2014-15	Being paid in time
37	Customized adaptation of nonClonable ID technology to establish authenticity of medical products	Bilcare Ltd., Pune	893.46	2011-12 to 2013-14	Defaulter
38	Development of a diagnostic system for affordable, point of need testing to manage HIV and TB	ReaMetrix India Pvt. Ltd., Bangaluru	816.80	2011-12 to 2013-14	Being paid in time
39	System based computational model of skin (SoCoMOS)	Persistent Sys. Ltd., Pune	184.485	2011-12 to 2015-16	Being paid in time
40	Development of integrated technological solutions for security and operations based on UV sensor technologies	Aron Universal Ltd., Bengaluru	43.1	2013-14 to 2015-16	Being paid in time
41	Design and development of photonic crystal cladded and double cladded Er and Er/Yb fibers, and application demonstration of high-power optical amplifier	Vinvish Technologies Ltd., Thiruvananthapuram	133.00	2014-15 to 2016-17	Being paid in time
42	Demonstration and Validation of a LT-PEMFC system for automotive application	KPIT, Pune	119.650	2015-16 to 2017-18 Ongoing	Repayment not due
43	Development of an antidiabetic agent based on the phytopharmaceutical drug guidelines from <i>enicostemma littorale</i> blume	Viridis Biopharma, Mumbai	196.828	2015-16 to 2017-18 Ongoing	Repayment not due
44	Kappaphycus alvarezii and red seaweed based formulations for improving productivity and health of dairy and poultry animals	Aquaagri Processing , New Delhi	57.50	2015-16 to 2017-18 Ongoing	Repayment not due
45	Automation of Ghani operation through vacuum conveying system	Fare Labs, Gurgaon	453.150	2015-16 to 2017-18 Ongoing	Repayment not due

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