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Date :03/09/2021

Certificate No. E0C2021I209



GRN No. 81588626

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Deponent

Name: Thsti Department of Biotechnology

H.No/Floor : Na

Sector/Ward : Na

Landmark : Na

City/Village : Faridabad

District : Faridabad

State : Haryana

Phone : 98*****08

Purpose : AGREEMENT to be submitted at Anywhere

MEMORANDUM OF UNDERSTANDING

Between

Translational Health Science and Technology Institute (THSTI)

(Executed through the Governing Body of the Institute)

And

Department of Biotechnology Ministry of Science & Technology Government of India

(For 2021-2022)

This Memorandum of Understanding (MoU) is being signed by and between;

The First Party, Department of Biotechnology, Ministry of Science & Technology, Government of India (hereafter referred to as DBT)

AND

The Second Party, Translational Health Science and Technology Institute (THSTI) (hereafter referred to as the Institution)

with the objective to measure the performance of the Institution on key selected parameters against the targets set so as to improve the performance on the critical parameters of the organization.

डॉ. प्रमोद गर्ग / Dr. Pramod Garg
 कार्यकारी निदेशक / Executive Director
 संसोधनल स्वास्थ्य विज्ञान एवं प्रौद्योगिकी संस्थान
 (भारत सरकार के जैव प्रौद्योगिकी विभाग का एक स्वायत्त संस्थान)
 एनसीआर बायोटेक विज्ञान क्लस्टर, फरीदाबाद - 121001, भारत
 Translational Health Science and Technology Institute
 (An Autonomous Institute of the Dept. of Biotechnology, Govt. of India)
 NCR Biotech Science Cluster, Faridabad -121001 Haryana, India

This MoU has been structured into five parts:

Part I: Mission, Vision and Objectives

Part II: Exercise of Enhance Autonomy and Delegation of Financial Powers

Part III: Performance Evaluation Parameters and Targets

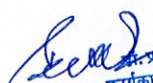
Part IV: Facilitation / Assistance from Ministry of S&T

Part V: Action Plan for Implementation and Monitoring of the MoU

PART I. MISSION, VISION AND OBJECTIVES

1. Mission Translating of science generated knowledge and platform technologies into products for public health system and for defined patient groups. To pursue grand challenges in public health related to affordable technologies through group excellence.
2. Vision initial focus on infectious diseases, to extend to cover chronic diseases.
3. Objectives
 1. To support and create a network of scientific collaboration and research resource centres, to provide seed funds for novel translational work facilitated by a separate evaluation process. The research resource centres shall be given core support.
 2. To develop denovo or by acquisition of early leads generated by others, new or improved vaccines, adjuvants, bio-therapeutic products, bio-diagnostics and biomarkers, nutraceuticals, delivery systems for drugs and vaccines and cell based technologies.
 3. To identify technologies that are relevant to primary, secondary and tertiary healthcare irrespective of the source of development, optimize them and facilitate their diffusion. Support would be provided for scale-up validation and commercialization of the relevant technologies developed by other institutions and Small Medium Enterprises (SMEs) and internationally developed technologies provided the technology is licensed to an Indian company with whom the institute can partner.
 4. To make 20% of the institute's lab space accessible to the researchers of small and medium companies on a user charge basis and to other extramural scientists but for translational purpose. These facilities may be in terms of developing novel and validated assays for product evaluation, clinical trial design and coordination, regulatory and Intellectual Property Rights (IPR) support, product design and refinement services access to platform technologies i.e. genomics, proteomics, imaging, nuclear magnetic resonance, chemical and molecular libraries, biosafety level III and others.
 5. To co-ordinate inter-institutional translational research such as cohort and molecular ecology studies for understanding the molecular mechanisms of disease. The knowledge generated by the studies will complement the technology development process and development of interventions.
 6. To develop a centralized core equipment facility to be available on user charge basis to other institutes and SMEs.




कार्यकारी निदेशक / Dr. Pramod Garg
कार्यकारी निदेशक / Executive Director
ट्रांसलेशनल स्वास्थ्य विज्ञान एवं प्रौद्योगिकी संस्थान
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एनसीआईआर बायोटेक विज्ञान प्रसन्न, फरीदाबाद - 121001 हरियाणा, भारत
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7. To achieve the above, to recruit a unique faculty with basic scientists, technologists, physicians, researchers, engineers, statisticians, bio-informaticians to work under one roof.
8. To set up a unit for developing policies related to Health Science Technologies, identify needs, facilitate conceptualization and design of new technologies and products. This unit will create ready to use ideas and grand challenges for Council of Scientific and Industrial Research (CSIR) labs, Indian Council of Medical Research (ICMR), Department of Science and Technology (DST), SMEs and for programmes of Department of Biotechnology (DBT) and its autonomous Institutions. The unit will be funded from the budget of the translational centre but be manned only by contract appointees.
9. Education and Training: To initiate Masters/Fellowships / Diploma courses in Translational Health Science, interdisciplinary PhD and Post- Doctoral programmes in association with other participating institutions for physician scientists, short term training for SME and other professionals in product development, in regulation and IPR management and to support the activity in other medical schools in India.
10. To provide platforms for active interaction among scientists, health specialists, technologists and entrepreneurs both nationally and internationally.

PART II. EXERCISE OF ENHANCED AUTONOMY AND DELEGATION OF FINANCIAL POWERS

1. All powers delegate to autonomous institutes will be exercised as per various rules and orders issued/notified from time to time
2. Signing of any understanding / MoU by the Institution with any other party including similar organizations abroad would be informed to the DBT and if such an understanding / MoU entails any financial liability, over and above the grants provided by the DBT through sanction of yearly budget under various heads, on Government of India, then approval of DBT will be taken before such signing. Signing of MOUs with foreign organizations will be done only with the specific approval of DBT.
3. The user charges/ sources of internal revenue generation will be reviewed by the Governing Body of the Institution at least once a year. This exercise should be completed before October, 2021, the time by which the process for Union Annual Budget for 2022-23 is started by the Ministry/Govt. of India. The rates of user charges/fee shall be as per rates adopted by the Governing Body from time to time.
4. The Government support for implementation of revised pay scales will be given, but the Institute will give full justification for it. The revised pay scales will be implemented only after specific orders of DBT/ Government of India in this regard.
5. The Institution shall follow the General Financial Rules 2017 and amendments in GFR 2017 from time to time issued by Department of Expenditure, Ministry of Finance, and Government of India in all its financial transactions, including procurement of goods and services.
6. The Institution shall adopt the Public Financial Management System (PFMS) for receipt of all funds from DBT/Government of India and make all payments through the PFMS to the last mile as far as possible.
7. The Institution shall send to the DBT any information required by it to satisfy any requirement related to Parliamentary Matter, RTI, Public Grievances or inputs to policy decision to be taken by the DBT within the time specified by the Ministry.

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Dr. Pramod Garg
 डॉ. प्रमोद गार्ग / Executive Director
 ट्रांसलेशनल स्वास्थ्य विज्ञान एवं प्रौद्योगिकी संस्थान
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 एनसीआई आर बायोटेक विज्ञान क्लस्टर, फरीदाबाद - 121001 हरियाणा, भारत
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 NCBS Cluster Science Cluster, Faridabad -121001 Haryana, India

PART III. PERFORMANCE EVALUATION PARAMETERS AND TARGETS 2021-22

1. In fulfillment of its obligations under the MoU, the Institution undertakes to achieve certain levels of performance for the year 2021-22. The performance will be evaluated using the criteria listed at Annexure I. The weights to be attached to each criterion and the criterion values corresponding to different performance ratings are also given therein. The overall score will be calculated through the formula given in the Annexure in each parameter.

PART IV. FACILITATION / ASSISTANCE FROM THE GOVERNMENT

1. The Institution has made the commitment of Performance Evaluation Targets based on certain assumptions in respect of timely release of grants from the Consolidated Fund of India and raising of other resources which has a direct bearing on the performance of the Institution committed in this MoU. The commitment of DBT and other possible sources of revenue generation are listed in the Annexure.

PART V. ACTION PLAN FOR IMPLEMENTATION AND MONITORING OF THE MoU

1. Performance evaluation against MoU parameters shall be carried out every financial year, along with the budget proposals and monitored by the Institute for effective implementation in the forthcoming financial year. The performance appraisal duly approved by the GB shall be submitted to Department of Biotechnology before 30th April of forthcoming financial year.
2. The performance for the previous financial year shall be reviewed by the Governing Body.
3. The institute shall be bound to keep the Grants-in-Aid in interest bearing Account and the Interest earned thereon will be deposited in Bharat Kosh before the end of first quarter of succeeding Financial Year. The Institute shall be bound to get the audit of its accounts done by that time.
4. THSTI will implement ERP system for complete automation of purchase and accounts module.
5. THSTI will make every attempt to obtain CSR funding.



Signature

Executive Director

Translational Health Science and
Technology Institute

Date

डॉ. प्रमोद गर्ग / Dr. Pramod Garg
कार्यकारी निदेशक / Executive Director
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Signature
Secretary
डॉ. रेणु स्वरूप / Dr. Renu Swarup
सचिव / Secretary
बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology
विज्ञान और प्रौद्योगिकी मंत्रालय / M/o Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi
Department of Biotechnology
Ministry of Science and Technology
Date



Annexures

Annexure I: Performance Evaluation Sheet

Annexure II: Details of funds

Annexure I
Department of Biotechnology

S. No.	Criteria	Actual Achievements of last year (2020-21)	Marks	Unit of Measurement	Projected target for FY 2021-22				
1	2	3	4	5	6				
1	Administrative Performance		10		Excellent	Very Good	Good	Fair	Poor
1.1	Timely filling up of all categories of posts	100%	2	Percentage of positions filled/advertised	100	81-99	66-80	51-65	> 51
1.2	Training of employees	50%	2	Percentage of employees trained	50	>40	>30	>20	>10
1.3	Submission of information as sought by DBT in relevant time	0 days delay	2	Number of days of delay	0	7	14	30	> 30
1.4	Timely submission of AR	0 days delay	2	Number of days of delay	0	7	14	30	>30
1.5	Timely disposal of RTIs and Grievances	100%	2	Percentage disposal of RTI/Representation s/Grievances	100	81-99	65-79	51-64	>51
2	Financial Performance		10						
2.1	Timely submission of UC/SE	0 days delay	1	No of days of delay	0	7	14	21	>21
2.2	Revenue generated as % of total DBT core funds	10.61%	3	Percentage of total DBT core funds (recurring) 139.43/2550	5 or more	Less than 5 but upto 4	Less than 4 but upto 3.5	Less than 3.5 but upto 3	Less than 3
2.3	Unspent balances	5.93%	1	percentage of unspent balance against total release	<8	8 to 10	11 to 15	16 to 20	>20

Adme

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डॉ. प्रमोद गर्ग / Dr. Pramod Garg
कार्यकारी निदेशक / Executive Director
ट्रांसलेशनल स्वास्थ्य विज्ञान एवं प्रौद्योगिकी संस्थान
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एनसीआईआर बायोटेक विज्ञान क्लस्टर, फरीदाबाद - 121001 हरियाणा, भारत
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2.4	Procurement through GeM	40%	2	Percentage of procurement (other than scientific equipment/consumables)	60	50	40	30	<30
2.5	Audit of Accounts and its timely submission	0 days delay	1	No of days of delay	0	7	14	30	>30
2.6 (i)	Settlement of Audit Paras contained in C&AG Reports	0 days delay	1	% of total pending paras	100	80	60	40	<40
2.6 (ii)	Settlement of Audit Paras/ observations contained in Audit Inspection Reports of C&AG	0 days delay	0.5	% of total pending paras	80	70	60	50	<50
2.6 (iii)	Settlement of Audit Paras/ observations contained in Audit Inspection Reports of Internal Audit Wing	0 days delay	0.5	% of total pending paras	80	70	60	50	<50
3	Compliance		5						
3.1	Timely meetings of GB	0 days delay	2	No. of days delay	0	30	45	60	70
3.2	Annual Review by SAC	0 days delay	3	No. of days delay	0	30	45	60	70
4	Infrastructure Development		5						
4.1	Use of facilities by outside scientists	89 users	4	No. of outside users	30	15	13	7	4
4.2	Percentage of operational cost met from User Charges	1	1	Percentage of operational cost	3	2.5	2	1.5	<1
5	Research and Development		60						

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कार्यकारी निदेशक / Executive Director
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एनसीआईटी-एचटी विज्ञान क्लस्टर, फणदीबाद - 121001 हरियाणा, भारत
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	Indicator								
5.1	EMR funding received	31	8	No. of projects	15-20	11-14	9-10	7-8	<7
5.2	International funding received	9	5	No. of projects	5	3	2	1	0
5.3	No. of Intra-institutional collab.	12	3	No. of projects	8	6	4	3	<3
5.4	No. of collab. with national scientific Org.(funded and MoU)	16	5	No. of projects	10	8	7	6	<6
5.5	No. of collab. with domestic industry (MoU and research funding)	12	7	No. of projects	5	4	3	2	1
5.6	No. of collab. with international scientific Org. and Industry(MoU and research funding)	9	7	No. of projects	8	6	5	4	<4
5.7	No. of Publications	53	14	No. of publications	24	18-20	15-17	12-14	<12
5.8	No. of Patents filed/granted	9	3	No. of technologies	8	6	5	4	<4
5.9	No. of tech. transfer/commercialized	4	3	No. of technologies	1	1	0	0	0
5.10	No. of start-ups	1	5	No. of start-ups	1	0	0	0	0
6	Human Resource Development		5						
6.1	Doctoral Degree Conferred	6	1	No. of students	6	4	3	2	1
6.2	Doctoral Students Registered	10	1	No. of students	10	8	5	4	2
6.3	Scientists sponsored for training programs	More than 50	1	No. of scientists	≥ 50	41-49	31-40	21-39	<21
6.4	External Scientists trained by Institute	More than 150	1	No. of scientists	≥ 150	100-	95-99	80-	<80

डॉ. प्रमोद गर्ग / Dr. Pramod Garg
 कार्यकारी निदेशक / Executive Director
 अनुसंधान एवं विकास विभाग (आर. एंड डी. डिवीजन)
 (भारत सरकार के जीव प्रौद्योगिकी विभाग का एक स्वायत्त संस्थान)
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						149		94	
6.5	Visiting faculty from overseas	0	1	No. of faculty/scientists	15	12	10	8	5
7	Science and Society linkages and Outreach		5						
7.1	Training conducted for school and college students	12	1	No. of trainings	6	5	4	3	2
7.2	Local level intervention for societal programs	270	1	No. of programs	3	2	1	0	0
7.3	No. of talks delivered by scientists at college and school level	22	1	No. of talks	≥ 17	12	14	10	<10
7.4	Open Day for school and college students	0	2	No. of open days/ no of schools colleges visited	5	3	2	1	0

Note 1: For parameter 4-7 each institute may select weightage for sub parameters ensuring that the total of the parameter is maintained

100-90	Excellent
89-70	Very Good
69-65	Good
64-50	Fair
Less than 50	Poor

Distribution of marks will be as under:

Marks	Excellent	Very Good	Good	Fair	Poor
1	1	0.75	0.5	0.25	01


 डॉ. प्रमोद गर्ग / Dr. Pramod Garg
 कार्यकारी निदेशक / Executive Director
 अनुसंधान संस्थान स्वास्थ्य विज्ञान एवं प्रौद्योगिकी संस्थान
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 एनसीआर बायोटेक विज्ञान क्लस्टर, फरीदाबाद - 121001, भारत
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2	2	1.5	1	0.5	0.25
3	3	2.5	2	1.5	1
4	4	3.5	3	2.5	2
5	5	4.5	3.5	3	2.5

Note: Where marks are above 5, the same will be calculated as multiple of the relevant marks shown above.

Adm

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Annexure-II

(a) Details of funds available with the Institute in last three years:


Sl. No.	Nature of funds	2018-19	2019-20	2020-21
1	Grant-in-Aid (Core)	4194.32	5150.00	3550.00
2	Internal revenue generation			
	(a) Bank Interest	98.04	128.75	69.80
	(b) Other Income	31.94	29.03	132.68
3	Corpus funds	0.00	0.00	0.00
4	Other Sources (EMR funding)			
	Government funding			
	(a) Projects	1683.91	3787.01	1639.58
	(b) Fellowships	198.14	123.68	31.73
	Non-Government Funding			
		1712.07	914.79	726.77
	Total	7918.42	10133.26	6150.56

(b) Revenue and Receipt

Estimate of receipt and expenditure for the period of MoU (2021-22) are as under:

(b) Revenue and Receipt				
Estimate of receipt and expenditure for the period of MoU (2021-22) are as under:				
Sl.No	Nature of receipts	Amount	Head of Expenditure	Amount
1	Core Grant:-		Core Grant:-	
	GIA -Salaries	1400.00	GIA -Salaries	1400.00
	GIA-General	3200.00	GIA-General	3200.00
	GIA-Creation of Capital assets	1200.00	GIA-Creation of Capital assets	1200.00
2	Internal Resources:-		Internal Resources:-	
	(a) Bank Interest	116.00	(a) Bank Interest	116.00
	(b) Other Income	80.00	(b) Other Income	80.00
3	Corpus Funds	0.00	Corpus Funds	0.00
4	Other Sources (EMR funding)		Other Sources (EMR funding)	
	Government funding		Government funding	
	(a) Projects	7521.45	(a) Projects	7521.45
	(b) Fellowships	50.00	(b) Fellowships	50.00
	Non-Government Funding	452.41	Non-Government Funding	452.41
	Total	14019.86	Total	14019.86

Adh


Dr. Pramod Garg
 कार्यकारी निदेशक / Executive Director
 ट्रांसलेशनल स्वास्थ्य विज्ञान एवं प्रौद्योगिकी संस्थान
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