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Seller / First Party Detail

Name: Nbrc

H.No/Floor : Na

Sector/Ward : Na

LandMark : Na

City/Village : Manesar

District : Gurugram

State : Haryana

Phone: 98*****23



Buyer / Second Party Detail

Name : Dbt

H.No/Floor : Na

Sector/Ward : Na

LandMark : Na

City/Village: New delhi

District : New delhi

State : Delhi

Phone : 98*****23

Purpose : MOU

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MEMORANDUM OF UNDERSTANDING

Between



**National Brain Research Centre
Manesar**

(Executed through the Governing Body of the Institute)

and

**Department of Biotechnology
Ministry of Science & Technology
Government of India**

for

FY 2022-2023

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MEMORANDUM OF UNDERSTANDING

between

National Brain Research Centre, Manesar

and

Department of Biotechnology, Ministry of Science & Technology, Government of India for
FY 2022-2023

This Memorandum of Understanding (MoU) is being signed between the first party,

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

and

the second party, National Brain Research Centre (NBRC) (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.

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

The mission of National Brain Research Centre (NBRC) is to be a world-class Centre for brain research to generate knowledge to understand functioning of the brain that would help develop brain-based technologies, diagnostic tools and rational therapeutic strategies for treatment of brain-related disorders to improve health and well-being of the people of India and the World.

2. Vision

The vision for establishment of National Brain Research Centre (NBRC) is that it will be not only a world-class Centre for brain research, but also be a Centre of vibrant, active neuroscience community and catalyze the overall growth of this discipline in the Country. NBRC would generate skilled manpower in this important area of research that would help India achieve an international leadership in this frontier area of science. Indian neuroscientists would be able to participate in global research efforts as equal partners. The knowledge base generated from these efforts would help diagnostic tools and therapeutic strategies for treatment of brain-related disorders. A unique role for NBRC is that it will act as a node with linkages to other Centres carrying out neuroscience research in the country, acting in effect as the "hub of the wheel" rather than the wheel itself. With this vision, the mandate of NBRC is to:

- Pursue research to understand brain function in health and disease.
- Generate trained human resources with the capability to carry out interdisciplinary research in neuroscience.

- Promote neuroscience in India through networking among institutions across the country.

3. Aims and Objectives:

- To undertake, aid, promote, guide and coordinate research of high caliber in basic and clinical neuroscience related to diseases and disorders of the nervous system.
- To develop NBRC as the national apex Centre for neuroscience research and promote neuroscience research at different centres in the country and to provide consulting services to other institutions, agencies and industries.
- To promote, encourage and augment effective linkages, alliances and affiliations between the Centre and National and International Scientific and Research Institutions, bodies, agencies/laboratories and other organizations working in the field of brain and neurosciences research.
- To establish one or more satellite centers to serve different regions of the country for efficient achievement of the objectives of the Center.
- To collect, assimilate, publish and disseminate data and information on relevant aspects of neuroscience to the scientific community.
- To establish, operate and maintain state-of-the-art facilities as well as databases for carrying out research and development activities and make such facilities and databases available to scientists and researchers from all over the country and abroad.
- To provide for instructions and training in such other branches of learning as the Centre may deem fit.
- To provide facilities for advancement of research and development to facilitate learning and dissemination of knowledge.
- To undertake extramural studies, extension programmes and field outreach activities to contribute to the development of society.
- To promote, develop, collaborate or otherwise assist in providing services of research, training, consulting or guidance related to neurosciences activities comprising biological, psychological, sociological and clinical aspects; and
- To do all such other acts and things as may be necessary or desirable to further the objectives of the Centre.

PART II. EXERCISED 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.
3. The user charges/ sources of internal revenue generation will be reviewed by the Government Body of the Institution at least once a year. This exercise should be completed annually before every October, the time by which the process for Union Annual Budget is started by



the Ministry/Govt. of India. The rates of user charges/fee shall be as per rates adopted by the Governing Council 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 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.

The Institution shall implement TSA as well as ZBSA account.

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.

PART III. PERFORMANCE EVALUATION PARAMETERS AND TARGETS 2022-23

1. In fulfillment of its obligations under the MoU, the Institution undertakes to achieve certain levels of performance for the year 2022-23. 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 II.

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.



Director

प्र. कृशानु राय

National Brain Research Centre

Prof. Krishanu Ray

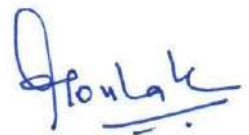
निदेशक / Director

राष्ट्रीय मस्तिष्क अनुसंधान केंद्र

National Brain Research Centre

मानेसर/Manesar-122052

हरियाणा/Haryana



Secretary

Department of Biotechnology
Ministry of Science & Technology

Annexure-I

Department of Biotechnology
Performance Parameters
National Brain Research Centre, Manesar

S No.	Criteria	Actual Achievements for FY 2021-22	Marks	Unit of Measurement						Marks obtained	
					(1)	(2)	(3)	(4)	(5)	(6)	
					Excellent	Very good	Good	Fair	Poor		
1.	Administrative Performance		10								
1.1	Timely filling up of all categories of posts	<i>Advertised on Time</i>	2	Eligible posts advertised %	100	<u>81-99</u>	66-80	50-65	<50	1.8	9.6
1.2	Submission of information sought by DBT within stipulated time	<i>Submitted during stipulated time</i>	2	No. of days of delay	<u>0</u>	7	15	30	>30	2	
1.3	Timely submission of Annual Report	<i>Annual report was submitted without delay</i>	2	No. of days of delay	<u>0</u>	10	20	30	>30	2	
1.4	Timely disposal of RTIs and Grievances and court cases	<i>RTI's were disposed on time</i>	2	%	<u>100</u>	80-99	65-79	50-64	<50	2	
1.5	Training of Employees	<i>one</i>	2	No. of Training	<u>50-40</u>	40-30	30-20	20-10	>10	1.8	
2.	Financial performance		8								
2.1	Timely submission of UC/SE	<i>Yes</i>	1	No. of days of delay	<u>0</u>	7	14	21	>21	1	7.7
2.2	Revenue generated as % of total DBT core funds User charges,	<i>1.38% of DBT core funds</i>	2	% of total DBT core funds	<u>3</u>	2.5	2	1.5	<1	1.9	
2.3	Procurement through Gem	<i>8.64%</i>	1	% of total cost procurement other than scientific equipment/ consumable	100	90	80	70	<u>60</u>	0.8	
2.4	Audit of Accounts and its timely submission	<i>Yes, on time</i>	1	No of days	<u>0</u>	7	14	30	>30	1.0	
2.5 (i)	Submission of draft ATN to C&AG Audit Para to DBT	<i>Yes, submitted timely</i>	1	No of days	<u>15</u>	30	35	40	>40	1.0	
2.5 (ii)	Reply to Audit Inspection Report by C&AG		1	No of days	<u>20</u>	30	35	40	>40	1.0	
2.5 (iii)	Reply to Audit Inspection		1	No of days	<u>20</u>	30	35	40	>40	1.0	

	Report of Inter Audit Wing (IAW)											
3.	Compliance		5									4.2
3.1	Timely meeting of GB	<i>GC meetings were held on time</i>	2	No. of days of delay	<u>10</u>	30	45	60	>70		1.8	
3.2	Compliance to the decision of GB Meeting	<i>Yes, within a month</i>	2		<u>10</u>	30	45	60	>70		1.8	
3.3	Annual review of institutions by SAC / External body	<i>Meeting could not be held</i>	0.5		<u>10</u>	30	45	60	>70		0.3	
3.4	Compliance to the decision of SAC Meeting	<i>Meeting could not be held</i>	0.5		<u>10</u>	30	45	60	>70		0.3	
4.	Infrastructure Development		5									3.5
4.1	Use of facilities by outside scientists	<i>Nil</i>	2	Numbers	25	20	15	10	<u>≤5</u>		0.8	
4.2	% of operational costs covered met from user charges	<i>1.18%</i>	3	%	<u>0.60</u>	0.50	0.40	0.30	<0.25		2.7	
5.	Research & Development indicators (Minimum 10 to be selected)		60									57.9
5.1	EMR Funding received	<i>17 projects (15)+2 project in the F.Y 2021-22) Total running 30 projects</i>	12	Number of Ongoing Projects	<u>40</u>	35	30	25	<20		12	
5.2	International funding received	<i>1</i>	0.5	Number of Ongoing Projects	1	0	0	0	<u>0</u>		0.5	
5.3	Number of intra institutional collaborative program	<i>9</i>	4	Number	<u>20</u>	18	15	10	<8		3.5	
5.4	Number of collaborations with national scientific organizations	<i>20</i>	7	Number	<u>40</u>	30	20	15	<10		7	
5.5	Number of collaborations with international scientific organizations and industries	<i>8</i>	3	Number	<u>10</u>	8	5	4	<3		2.7	
5.6	Number of publications	<i>53 (in the F.Y 2021-22)</i>	17	Number	<u>28</u>	25	20	15	<10		17	
5.7	Number of citations	<i>6939*</i>	11	Number	1800	1600	<u>1400</u>	1200	<800		11	
5.8	Number of awards	<i>4</i>	2	Number	10	<u>8</u>	6	4	<2		1.8	
5.9	Number of patents filed	<i>0</i>	0.5	Number	<u>1</u>	0	0	0	0		0.3	

	Indian / International										
5.10	Number of patent granted Indian / International	1	3	Number	1	0	0	0	0	2.1	
6.	Human Resource Development (Minimum 5 to be selected)		5								4.2
6.1	Doctoral+ Masters degrees conferred	15	1	Numbers	14	12	10	8	<6	1	
6.2	Doctoral+ Masters students registered	22	2	Number	16	15	14	10	<6	1.4	
6.3	Faculty Students Ratio	8.33	0.5	Ratio (no of students/ number of faculty)	7	8	10	12	>14	0.5	
6.4	Post-docs registered during the year	02	0.5	Numbers	12	11	10	6	<2	0.5	
6.5	External scientists trained by institute	10	1	Numbers	40	35	30	20	<10	0.8	
7.	Science & Society linkages and Outreach		5								2.9
7.1	Trainings conducted for Schools / College/ University Students	Nil	1	Number of trainings	11	9	8	7	≤6	0.3	
7.2	Local level interventions for Societal Programs	2	1	Number of interventions	4	3	2	1	0	0.5	
7.4	Number of talks delivered by scientist at university, college or school level	23	2	Number	20	18	16	14	<10	1.8	
7.5	Open day for school, college or university students	Nil	1	Number of open days	3	2	1	0	0	0.3	
		Total:- 90	98								

*These numbers are based on Scopus citation: for Calendar year 2021 and 2022

For all parameters, each Institutes may select weightage for sub parameters ensuring that the total of that Parameter is maintained

- Achievement of last FY should not be projected as target for current FY.
- Achievement of last year should not be projected above very good.
- The target for current FY should be better than last year's achievement.
- Institutes may choose their projected target and place them among excellent, very good, good, fair and poor.

Scoring Chart

100-90	Excellent
89-70	Very Good
69-60	Good
59-50	Fair
<50	Poor

Distribution of marks will be as under

Total marks	Excellent	Very Good	Good	Fair	Poor
0.5	0.5	0.4	0.3	0.3	0.1
1	1	0.90	0.80	0.70	0.60
2	2	1.8	1.6	1.4	1.2
3	3	2.7	2.4	2.1	1.8
4	4	3.6	3.2	2.8	2.4
5	5	4.5	4.0	3.5	3.0

When marks are above 5 or a number not given above, the same will be calculated as a multiple of the marks shown above.

Ray



प्रो. कृशानु राय
Prof. Krishanu Ray
निदेशक / Director
राष्ट्रीय मस्तिष्क अनुसंधान
National Brain Research Centre
मानेसर/Manesar-122052
हरियाणा/Haryana

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National Brain Research Centre
मानेसर/Manesar-122052
हरियाणा/Haryana

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Annexure-II

(a) Details of funds available with the Institute in the last 3 years:-

(Rs. In lakhs)

Nature of Funds	F.Y 19-20	F.Y 20-21	F.Y 21-22
1. Govt. Grants	2913.00	2845.00	2925.00
2. Internal Resource Generation	42.50	42.69	41.05
3. Corps Funds (if any)	--	--	--
4. Other Sources-EMR	6681.50	2922.28	4433.15
Total	9637.00	5809.97	7399.20

(b) Receipt and Expenditure Position:-

Estimate of Receipt & Expenditure for the period of MoU (2022-23) are as under:

(Rs. In lakhs)

Receipts		Expenditure	
Nature of Receipts	Amount	Heads of Expenditure	Amount
Govt. Grants	4500.00	Salary	1000.00
Internal Resource	50.00	Grant in Aid General	2300.00
		Capital Expenses others (Capital Expenses using carried over funds from F.Y 2020-21	1200.00 Nil
Corps funds	--	--	--
Other Sources	4500.00	Heads of the expenditure will be as per sanction order for each projects	4500.00
Total	9050.00		9000.00



प्रो. कृशानु राय
Prof. Krishanu Ray
निदेशक / Director
राष्ट्रीय मस्तिष्क अनुसंधान केंद्र
National Brain Research Centre
मानेसर/Manesar-122052
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