



MEMORANDUM OF UNDERSTANDING

Between

Indian Institute of Technology Madras

And

**Department of Higher Education
Ministry of Human Resource
Development
Government of India**

For

2019-2020

Memorandum of Understanding (MoU) between Department of Higher Education, Ministry of Human Resource Development, Government of India & the Indian Institute of Technology Madras for 2019-20 in pursuance of the Rule 229(xi) of the GFR, 2017

This Memorandum of Understanding (hereinafter referred to as MoU) is entered into at New Delhi on this 1st day of April, 2019 between Department of Higher Education, Ministry of Human Resources Development, Government of India, Shastri Bhawan, Rajendra Prasad Road, New Delhi-110011 (hereinafter referred to as MHRD)

and

The Indian Institute of Technology Madras (hereinafter referred to as the Institute) having its Headquarter at Chennai and represented by its Director (hereinafter referred to as the Institute) which term and expression shall mean and include, unless repugnant to the context, its successors, assignees, administrators of the Institute.

WHEREAS

1. This MoU is executed in terms of Rule 229 (xi) of the General Financial Rules, 2017 (hereinafter referred to as GFR, 2017) and the subsequent instructions issued by the Ministry of Finance, Department of Expenditure, (hereinafter referred to as MoF) with the objective of improving efficiency of the expenditure, making the action plan outcome oriented, maintaining financial discipline and measuring performance of the Institution on key parameters against the targets set so as to improve its performance.
2. The Institute has the pre-defined Vision, Mission and Objectives as outlined hereunder:-

(A) Vision:

To be an academic institution in dynamic equilibrium with its social ecological and economic environment striving continuously for excellence in education, research and technological service to the nation.

(B) Mission:

- (i) To create and sustain a community of learning in which students acquire knowledge and learn to apply it professionally with due consideration for ethical, ecological, and economic issues.
- (ii) To pursue research and disseminate research findings.
- (iii) To provide knowledge-based technological services to satisfy

- (iv) To help in building national capabilities in science, technology, humanities, management, education and research.

(C) Objectives:

- (i) To provide the best educational infrastructure for imparting high class education in science and technology and a creative atmosphere for inter-disciplinary research both by the students and the faculty.
- (ii) To increase the student capacity to meet the growing demands for industry
- (iii) To maintain global standards in student-faculty ratio, research output, publications in journals and placement of students
- (iv) To participate in and contribute to nation building through various flagship schemes of the Government of India/State Governments requiring technological interventions thereby spurring economic growth for the welfare of the masses
- (v) To provide research and development consultancy, which will foster healthy industry-academia partnership, thereby providing a competitive edge to the indigenous manufacturing

NOW, THEREFORE, the parties hereto express their common understanding as under:

(A) MHRD shall

- (i) Provide financial support to the Institute to meet its recurring and non-recurring liabilities in such manner and on such conditions as prescribed by the Government of India (hereinafter referred to as GoI) from time to time,
- (ii) Help raise other resources, including the loan from HEFA for expansion of infrastructural facilities, which have a direct bearing on the performance of the Institute as committed in this MOU.
- (iii) Provide guidance and advice in administrative, financial, legal and such other matters as the Institute may require in fulfilling its mandate.
- (iv) Provide support in obtaining necessary clearances and approvals, as and when required, from various Ministries, Departments, and Agencies of the Central/State Governments.
- (v) Provide support in resolving any dispute with any other authority of the Central/State Government or a private party, as and when required.

(B) THE INSTITUTE shall comply with:

- (i) Without prejudice to what has been stipulated in the Institute of Technology Act, 1961 as amended from time to time and the Statutes framed thereunder, the institute is expected to recover user charges at rates not lower than cost recovery norms
- (ii) Specific provisions as contained in the OM No.1/1/2016-EIIIA dated 13.01.2017 in relation to the revision of pay scales in accordance with the recommendations of the 7th CPC and any other instruction issued by MHRD from time to time on issues pertaining to the Institute.
- (iii) The provisions of the GFR, 2017, including the instructions on financial advice for autonomous bodies, as mentioned in Rule 229(viii) and those concerning release of grants-in-aid, submission of audited accounts, performance report etc.
- (iv) Guidelines issued by the Central Vigilance Commission (CVC) in matters of vigilance and disciplinary proceedings etc.
- (v) Instructions issued by the MoF/DoE vide OM dated 15.01.2016 or any other instructions issued from time to time with regard to foreign travel as well as those issued by the Ministry of Home Affairs (hereinafter referred to as MHA) with regard to availing/extending foreign hospitality.
- (vi) Uniform accounting procedure in accordance with the guidelines issued by MoF.
- (vii) Provisions of the Institutes of Technology Act, 1961, the Statutes framed thereunder and the instructions issued by MHRD from time to time with regard, inter-alia, to creation of posts and framing of Recruitment Rules.

(C) THE INSTITUTE shall also ensure to:

- (i) Finalize any understanding or MoU with any other party including similar organizations abroad in accordance with the provisions of the Act of 1961 and the Statutes framed thereunder, and the instructions issued by MHRD from time to time.
- (ii) Frame Rules for its corpus fund indicating clearly the IRG that can be transferred to such fund or utilized from such fund and items for which such expenditure can be incurred.
- (iii) Have clearly defined 'Delegation of Powers' for deciding all administrative and financial matters.
- (iv) Shall run courses, to the extent possible, to be self-supporting without the need for cross-subsidization as well as over-charging from students for flagship courses.

- (v) Ensure that all its accounts are audited by internal auditors regularly and formal audit by the C&AG in terms of the provisions of the Act of 1961 and the Statutes framed thereunder.
- (vi) Ensure that all financial operations are done under the EAT Module of PFMS.
- (vii) Present an outcome budget along with annual action plan so that it can be dovetailed in the outcome budget of MHRD.
- (viii) Comply strictly with the timelines for submission of annual reports and annual audited accounts to MHRD for the purpose of being tabled in Parliament within 9 months from close of the financial year.
- (ix) Forward to MHRD any information required by it to satisfy any requirement related to Parliamentary Matter, RTI, Public Grievances, VIP References, Court Cases, Notices from Commissions and Statutory Authorities and also inputs for the formulation of any policy.

(D) FINANCIAL POSITION:

Details of funds available with the Institute in the last three years are as under:-

Nature of Funds	2016-17	2017-18	2018-19 *
Government Grants	454,92,00,000	705,41,00,000	585,60,00,000
Internal Resource Generation	72,66,00,000	79,76,00,000	88,00,00,000
Corpus Funds	44,03,00,000	65,56,00,000	67,51,00,000
Endowment Receipts	6,97,00,000	15,35,00,000	14,27,00,000
Centre for Continuing Education	19,47,00,000	23,19,00,000	12,50,00,000
Project Receipts	442,56,00,000	476,45,00,000	682,44,78,000
Total	1040,61,00,000	1365,72,00,000	1450,32,78,000

* The figures of 2018-19 are provisional and subject to certification by CAG (Audit).

(E) **RECEIPT AND EXPENDITURE POSITION:**

Estimates of Receipt and Expenditure for the period of MoU, i.e. 2019-20 are as under:-

Estimates of Receipts:

Nature of Receipts	Amount
Government Grants	599,00,00,000
Internal Resource 91,20,00,000 Less: HEFA loan repayment 51,40,00,000	39,80,00,000
Corpus Funds	0
Any other Sources	0
Estimates of Receipts Total	638,80,00,000

Estimates of Expenditure (As per BE Budget 2019-20):

OH-31	
Scholarship	110,00,00,000
Pension/Pensionary benefits	110,00,00,000
Non-Salary/Non-Pension	219,65,00,000
OH-36	
Salary and Allowances	307,35,00,000
OH-35	
Building	44,00,00,000
Equipment	45,00,00,000
Library books and Journals	20,00,00,000
Furniture	5,00,00,000
Estimates of Expenditure Total	861,00,00,000

It is proposed to avail loan of Rs.250 crores under HEFA during 2019-20.

(F) **ANNUAL TARGETS FOR PHYSICAL OUTPUTS/DELIVERABLES:**

(As per Annexure I)

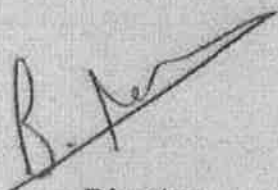
(G) **PERFORMANCE EVALUATION PARAMETERS:**

- (i) The performance will be evaluated using the criteria listed at *Annexure I*. The weightage to be attached to each criterion and the criterion value corresponding to different performance ratings are also given therein. The overall score will be calculated through the formula given in the Annexure based on the scores obtained in each parameter.

- (ii) There would also be a negative marking by which the overall score obtained through Annexure I will be reduced based on penalties listed out in Annexure II
- (iii) The Consolidated score would be arrived at by reducing the negative score obtained in Annexure II from the overall score obtained under Annexure I.
- (iv) The overall rating of the organization would be as given in Annexure III based on the Consolidated score obtained in Para (iii) above.

(H) IMPLEMENTATION AND MONITORING OF THE MoU:

- (i) Performance Evaluation against MOU parameters shall be carried out every quarter and monitored by the Institution.
- (ii) The performance evaluation shall be submitted to the Board of Governors on a quarterly basis during the Board meetings for consideration & review. After the review by the Board, the same shall be sent to MHRD along with the recommendations and the comments of the Board.
- (iii) A Joint review by the Institution and the MHRD shall be carried out within 90 days of completion of the financial year. The result of the Joint Review shall be placed before the Board. The Director of the Institute shall ensure compliance of the issues raised or pointed out in the review and shall cause the MoU report and the review comments prominently hosted on the website of the Institute.



Director
Indian Institute of Technology Madras
Chennai - 600036



Additional Secretary (TE)
Department of Higher Education
Ministry of Human Resource
Development
Government of India

New Delhi:
Date:

INDIAN INSTITUTE OF TECHNOLOGY MADRAS
PERFORMANCE EVALUATION PARAMETERS AND TARGETS 2019-20

Sl.No	Criteria	Existing Levels	Targeted Levels	Unit	Weight age	Criteria Value				
						1	2	3	4	5
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
		Average of years 2016-17, 2017-18 & 2018-19 (X)	2019-20 (Y)			Excellent (10 pts) Reached the figure Y, i.e. Target as given in Col. (4)	V.Good (8 pts) Less than Y but Reached Figure = $X + 0.8*(Y-X)$	Good (6 pts) Less than Figure in Col. 8 but Reached Figure = $X + 0.6*(Y-X)$	Fair (4 pts) Less than Figure in Col. 9 but Reached Figure = $X + 0.4*(Y-X)$	Poor (2 pts) Less than Figure = $X + 0.4*(Y-X)$
1.	Student strength				(35)					
1.1	UG students intake	473	762	No.	10					
1.2	PG students intake	918	981	No.	10					
1.3	Ph.D. intake	400	400	No.	5					
1.4	Dual Degree, if any, during the year	367	157	No.	5					
1.5	Teacher student ratio	1:15	1:14.75	ratio	5					
2.	Research and Professional practice				(22)					
2.1	Combined Metric for Publications	9.72/10	9/10	Metric parameter	5					
2.2	Combined Metric for Quality of Publications	8.98/10	9/10	Metric Parameter	5					

2.3	No. of patents filed	179	≥120	No.	5					
2.4	No. Of patents granted and licensed	41	*	No.	5					
	* (Not in our control)									
2.5	Total revenue accruing to the Institution (as distinct from to individual faculty) through consultancies	118	100	Rs	2					
3.	Graduation Outcome				(13)					
3.1	Combined % of placements, higher studies and entrepreneurship	87.7%	>90%	%	5					
	** Average of 2016-17 and 2017-18 2018-19 placement is not yet completed.									
3.3	No. of Ph. D students graduated	260\$	260	No.	3					
	\$ not able to predict how many will complete by July 2019 convocation									
4.	Financial parameters				(10)					
4.1	% of total cost recovery by means of fees and other resources, except MHRD funds (Sum of Item 3 in Annexure IV)	11.35%	10.59%	%	4					
4.2	Incremental growth in amount of Corpus Fund as on 1 st July of the year compared to 1 st July of previous year	10%	10%	Rs.	2					
4.3	% Utilisation of funds received from MHRD w.r.t to BE/RE	100%	100%	%	4					
5.	Outreach and inclusivity				(10)					
5.1	Percent students from other countries	0.02%	0.1%	%	1					
5.2	Percentage of girl students	20.39%	21%	%	2					
5.3	% of faculty from SC, ST, OBC	13%	14%*	%	2					
	*Will target to continuously increase over the years to meet the requirements as per GoI.									
5.4	% of students from SC, ST, OBC	44.07%	45%	%	2					

5.5	No. of cases reported related to sexual harassment	4.5	Nil	No.	2					
5.6	No. of ragging cases reported	-	Nil	No.	1					
6.	Infrastructure creation (where applicable, in other cases weightage will be zero)				(10)					
6.1	Infrastructure created during the year (In sq. Meter)	-	10621.50**	Sq. Meter	10					
	** Construction of Port Centre Building (Phase 1) at second IITM campus at Thaiyur B Village.									
7.	Overall Performance				(20)					
7.1	NIRF Ranking	2019: Overall – 1 Engg – 1	Top 3	rank	20					
	Total				120					

1. If any parameter is not applicable to any Institution, the same may be substituted/ modified/ deleted from this list. The overall weightage obtained by adding Column 6, will be the denominator for calculation of % performance
2. Existing level will be decided by taking the average values of last three years from 2016-17, 2017-18 and 2018-19, except in case of NIRF, where it will be the Rank in 2018-19. If the 2018-19 parameter is not yet available at the time of signing of MoU then average of two years 2016-17 and 2017-18 would be taken. If the Institution did not participate in NIRF Ranking in 2018-19, a notional ranking of 500 would be given for the year 2018-19 for calculation purposes.
3. The Institution and the Ministry would arrive at an agreement on which NIRF Ranking category should be applied for the Institution and then the evaluation would be done on performance in that category only. A change in category would be permitted during the course of the year only if the chosen category is not being taken up by NIRF for categorisation in the year 2018-19.
4. For parameters like ragging cases, anti-sexual harassment cases and NIRF ranking, a lesser value than existing level would be taken as successful achievement, and achievement parameter would be accordingly modified.
5. Score given on each parameter would be as follows: Excellent – 10; Very Good – 8; Good – 6; Fair – 4; Poor – 2
6. If an Institution does not participate in NIRF Ranking exercise in the current year, the weightage would remain at 20 for the NIRF parameter and the Institution would get a zero score on it.
7. Overall Score of an Institution would be calculated as follows: $\text{Sum (Score of each Parameter} \times \text{Parameter weightage)} \div 100 / \text{Total weightage}$

Annexure II

PARAMETERS FOR NEGATIVE MARKINGS

There will be negative marking from the overall score, obtained in Annexure I, as follows:

- i) Laying of Annual Report in Parliament
 - a. If Annual Report of 2017-18 submitted to MHRD before the start of Winter session, 2018 – Less 0% ✓
 - b. If Annual Report of 2017-18 submitted to MHRD after 1/1/2019 but before 31/3/19 – Less 1%
 - c. If Annual Report of 2017-18 not submitted to MHRD by 31/3/19 – Less 3%
- ii) Submission of data for AISHE
 - a. If submitted in 2018-19 within the last date fixed for the same – Less 0% ✓
 - b. If submitted in 2018-19 but after last date fixed for the same but before 31.3.19 – Less 1%
 - c. If not submitted in 2018-19 by 31.3.19 – Less 3%
- iii) Holding of Meeting of Board at least once a quarter (*Other Institutions may mention their own Management bodies*)
 - a. If Board meeting held once in a quarter, with at least 4 meetings in a year– less 0% ✓
 - b. If Board meeting not held in any quarter, but 4 meetings held in a year– less 1% for each quarter when Board meeting not held
 - c. If total number of Board Meetings held in year less than 4 – less 4%

Quarters for this parameter means the periods: Quarter I: April-June; Quarter II: July-September; Quarter III: October – December; Quarter IV: January - March
- iv) Counselling system in the Institution.
 - a. When a robust counselling system exists and there is no suicide or attempt to suicide – less 0% ✓
 - b. When no robust system exists but there no suicide or attempt to suicide – less 1%
 - c. When a robust counselling system exists but there is at least one suicide or attempt to suicide – less 3%
 - d. When no robust counselling system exists but there is at least one suicide or attempt to suicide – less 4%
- v) Signing of MoU
 - a. When MoU for 2019-20 signed before 31/3/19 – less 0%
 - b. When MoU for 2019-20 finalized by MHRD and Institution jointly but not signed by 31/3/19 – Less 0.5%
 - c. When MoU for 2019-20 neither finalized by MHRD and Institution jointly nor signed – Less 2%
- vi) Vigilance cases
 - a. Where Disciplinary cases ordered by CVC – less 1% per case – No Vigilance Case ✓
 - b. Where criminal prosecution or CBI enquiry ordered by CVC – Less 2% per case

For this purpose, each case would mean each separate incident on which an enquiry has been done by CVC

Annexure III

RATING OF INSTITUTION BASED ON CONSOLIDATED SCORES

Performance of the Institution would be graded based on overall score less the negative score to get the Consolidated Score. The performance based on the consolidated score would be as follows:

Consolidated Score		Rating
More than	Equal to or less than	
90	100	Excellent
70	90	Very Good
50	70	Good
33	50	Fair
Less than or equal to 33%		Poor

INDIAN INSTITUTE OF TECHNOLOGY MADRAS

Financial Commitment of MHRD and Other Sources of Revenue

1. The MHRD would allocate the following funds to be released through Consolidated Fund of India in the year 2019-20:
 - Budget Estimate (BE): Revenue – Rs.747 crore
Capital – Rs.114 crore
 - Budget Granted FY 2019-20 : Revenue – Rs.529 crore
Capital – Rs.70 crore
2. The Institution would apply for grant of funds under HEFA as follows:
 - HEFA Loan sanctioned in FY 2018-19 - Rs.515.40 crore
 - HEFA loan to be availed in 2019-20 - Rs. 250.00 crore
3. The Institution will raise funds from other sources as follows:
 - i. User charges in form of fees - Rs.72.00 crore
 - ii. User Charges other than fees - Rs.19.20 crore
 - iii. Alumni donation - Rs.40.00 crore
 - iv. Extra mural funding from other Departments/Ministries of Government of India - Rs.353 crore (for FY 2019-2020)
 - v. Extra Mural funding from other sources - Rs. 108 crore (for FY 2019- 2020)
 - vi. Other resources not covered above : Nil

