

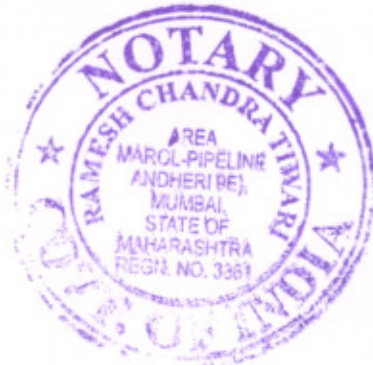
Rs. One Hundred Only

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Punjab And Maharashtra  
Co-operative Bank Limited.,  
Bhandup Branch,  
Guru Nanak Eng High School,  
Bhandup (w), Mumbai-400078.  
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**Memorandum of Bipartite Agreement**

Between

**Indian Institute of Technology Bombay**

and

**Ministry of Rural Development, Government of India**

for

**Research in Development (M.Tech.) Fellowships to be instituted at the Centre for Technology Alternatives for Rural Applications (CTARA), IIT Bombay.**

This Memorandum of Agreement (MoA) for Research in Development (M.Tech) Fellowships (herein referred to as the Agreement) is made and entered into on \_\_\_\_\_ by and between

CAPART, Ministry of Rural Development with its registered office at India Habitat Centre, Lodhi Road, New Delhi – 110003 (hereinafter MoRD)

and

Indian Institute of Technology Bombay with its office at Powai Mumbai 400076 (hereinafter IITB).



## 1. Background

The maturing of the Indian democracy in the new millenium faces two important challenges, viz., increasing aspirations of its people and severe resource and capacity constraints. These manifest themselves as demands, e.g., for *sadak, bijlee, pani*, and at the same time, diminishing opportunities for the poor and the asset-starved. The government has tried to meet this situation through several schemes and programmes such as the MGNREGS, Adarsh Gram Yojana and so on. It has also tried to strengthen governance by bringing much-needed monitoring capacity in the form of the Prime Minister's Rural Development Fellows Scheme (PMRDF).

Much of the demands require engineering services and solutions, with embedded social contexts and outcomes. These could be met by technologists trained in both engineering and applied social science skills with knowledge of the discourse of development. Such professionals will bring value and desired outcomes at all levels - in civil society, NGOs, regional administrations and in companies and agencies working in the development sector.

CTARA at IITB was set up in 1985 with the objective of supplying technological solutions to the development sector. Its methods have involved an understanding of both the technical and the social contexts. Its core values include working for the bottom 80%, in the core sectors of water, energy, agriculture, livelihoods etc., and for a concrete stakeholder. In 2007, CTARA started the M.Tech. programme in Technology and Development (MTD), aimed at supplying technical professionals in the development sector.

Realising the need to support manpower generation in this critical area, the MoRD is interested in supporting students to be trained in Masters level Technology and Development programmes at CTARA, IITB, with an aim to supply trained technical professionals in the development sector to address the above needs.

This support will be in the form of five fellowships for M.Tech students at CTARA, who will undertake relevant research in their second year and subsequently work in collaboration with MoRD for one year after their graduation. The fellowship will thus cover the second year of the M.Tech study at IITB (First year of Fellowship, FYF) and the subsequent year of work at MoRD (Second year of Fellowship, SYF). During SYF, the Fellow will help in the evaluation of projects, develop case-studies and analyse processes for MoRD. It is expected that the Fellow will bring about new innovations, practices and research to key programs and activities of MoRD and allied ministries.

This Agreement describes the terms and conditions of the CTARA-MoRD Research in Development (M.Tech.) fellowship (hereinafter referred to as 'Fellowship').





**2. Objectives:**

- a. The objective of this MoA is to determine the roles and responsibilities of both the parties under the above stated scheme.
- b. The Fellowship aims to incentivise research applicable in the development sector and aims to enhance the outcomes of flagship programmes in the area of rural development and livelihoods. These programmes include but are not limited to the flagship programmes of MoRD such as (i) the Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS), (ii) the Integrated Watershed Management Programme (IWMP), and (iii) the Pradhan Mantri Gram Sadak Yojana (PMGSY).

**3. Role and responsibilities of MoRD**

MoRD will be responsible for the following:

- a. Provide a grant to IITB on an annual basis as per Table 1, for the above Fellowship at the beginning of the second academic year of the M.Tech programme (FYF) and for one year subsequent to the M.Tech Programme (SYF). The Fellowship will commence on July 1<sup>st</sup> of the second year of the M.Tech Programme and will end on June 30<sup>th</sup>, two years thereafter.
- b. Provide five Fellowships annually in the following areas

Programme	NREGA	IWMP	PGMSY
Number	2	2	1

These numbers and / or areas may be modified and new areas added (such as rural drinking water and rural electrification) based on mutual agreement.

- c. Plan and fix meetings for review of the Sponsorship and provide other support for the success of the same.
- d. Provide MoRD facilities for the Fellow, in connection with the research work under mutual terms and convenience.
- e. Identify a supervisor at MoRD during the Fellow's SYF internship at MoRD.
- f. Be responsible and liable for the Fellow when he/she is pursuing internship at MoRD during SYF, without having any recourse to IITB.

**4. Roles and responsibilities of IITB:**

IITB will



Be responsible for the selection of the Fellow as per the IITB norms for admitting M.Tech students. The selection of the Fellow will be based on the research proposal of the Fellow for his M.Tech. project and supported by his/her guide at IITB. The proposal will be evaluated for its applicability to the programme, its possible significance and innovation.

Selections will be done by a review and selection committee consisting of CTARA faculty, MoRD representatives and key external advisors, which will meet in June of every year. IITB will coordinate this selection process.

- b. Administer / operate the grant provided by MoRD for paying the stipend for each Fellow and other expenditure as per the table given.

Table 1

Budget head	Duration	Amount in Rs. for one Fellow	Rs. In Lakhs
Fellowship	12 months (FYF)	12000 p.m.	1.44
Internship at MoRD	12 months (SYF)	60000 p.m	7.20*
Contingency	1 year	56000	0.56
IITB/CTARA facilities	1 year	180000	1.80
Total			11.00
Institute Overheads		20%	2.20
Grand Total			13.20

\*The internship funding for SYF for the Fellow will be disbursed by IITB on a monthly basis, subject to feedback from MoRD supervisor At the end of FYF, the student shall transit from studentship to being a project employee of IITB, the selection of which will be deemed to have been made at the beginning of FYF.

- c. Submit an audited statement of accounts and fund utilisation to MoRD annually.
- d. Ensure that the Fellow is not availing any other fellowship / salary apart from the above Fellowship.
- e. Appoint a research guide to monitor the Fellow's research work / M.Tech project in the identified area, during his/her stay at IITB.
- f. Provide access to research and analysis facilities of CTARA and IITB, the library and faculty time during the tenure of the Fellowship.



- g. Will ensure through concerned IITB guide that the outcome of the research aims to benefit the MoRD programme and enhances its outcomes.
- h. Inform MoRD in case the Fellow is not meeting the expected targets / not dedicating sufficient time or effort to the M.Tech project.
- i. Coordinate a review committee meeting to review the annual progress of the Fellow for each year and conduct an assessment of outcome in the month of March of the second year
- j. Inform MoRD in case the Fellow wishes to terminate his / her Fellowship prematurely for personal, professional or other reasons.
- k. Require each Fellow selected for the Fellowship under this Agreement to give declaration / undertaking to be bound by the terms of the agreement.

**5. Points of Contact**

All communications by the parties involving financial, administrative and other matters shall be sent to following addresses:

MoRD:  
 Council for Advancement of People's  
 Action and Rural Technology (CAPART)  
 India habitat Centre, Zone-5A, 2<sup>nd</sup> Floor  
 Lodhi Road, New Delhi – 110003

IIT Bombay:  
 Centre for Technology Alternatives  
 for Rural Areas (CTARA)  
 Indian Institute of Technology Bombay  
 Powai, Mumbai - 400076

**6. Intellectual Property Rights**

All intellectual property rights to the research resulting from the Programme will be owned by IITB and dealt with as per applicable prevailing IP policy of IITB.

**7. Confidentiality**

Each party agrees to keep confidential all information disclosed by the other party and indicated as confidential, in written or tangible form or, if orally disclosed confirmed in writing within thirty (30) days of disclosure. The obligations of confidentiality set forth above shall be applicable for two (2) years from the termination of the Agreement or sharing of the confidential information whichever is later.





**8 Term and Termination**

- a. This Agreement is valid for a period of two (2) years from the date of signing by all the parties and can be extended / modified thereafter on mutual consent.
- b. IITB or MoRD may terminate this MoU by giving written notice of termination, at least three (3) months in advance. However all residual obligations at the time of termination will be fulfilled by both the parties. The parties shall endeavour to undertake that the Fellow's academic pursuits do not suffer due to any consequences related to termination of this Agreement.
- c. If the Fellow be unable to pursue his / her studies in accordance with the terms and conditions of the Fellowship, IITB and MoRD will inform each other as applicable, within two (2) weeks of such a situation coming to his / her attention. In such situations, the parties will mutually agree to defer or close the Fellowship.

**9. General**

- a. IITB shall be free to publish the research findings arising from the Programme in any journals/conferences/ other modes of publications.
- b. The Fellow shall not take up any other assignment except departmental Teaching Assistantship duties as per IITB norms.
- c. All publications / patents by the Fellow, arising from the work under this Fellowship must contain an acknowledgement of support from MoRD.
- d. A review committee will meet to review the annual progress of the Fellow for each year and conduct an assessment of outcome in the month of March of the second year. An extension of up to one year may be considered at this point as per review committee decision.
- e. IITB and MoRD reserve the right to revise the terms and conditions of this fellowship at any time.
- f. IITB will not be held liable for any breach of trust / performance by the Fellow.
- g. In the event the Fellow leave the Fellowship before completion of M.Tech or the internship, the unspent balance may be transferred towards meeting the expenditure of another Fellow.
- h. Any disputes between the parties shall be resolved by mutual discussions. Unresolved disputes, if any, shall be subject to resolution by a panel consisting of the Dean R&D, IITB and Chief Secretary, MoRD.



Force Majeure: Neither party shall be held responsible for non-fulfillment of their respective obligations under this Agreement due to the exigency of one or more of the force majeure events such as but not limited to acts of God, War, Flood, Earthquakes, Strikes not confined to the premises of the party, Lockouts beyond the control of the party claiming force majeure, Epidemics, Riots, Civil Commotions etc. provided on the occurrence and cessation of any such event. The party affected thereby shall give a notice in writing to the other party within one month of such occurrence or cessation. If the force majeure conditions continue beyond six months, the parties shall jointly decide about the future course of action.

IN WITNESS WHEREOF, the Parties hereto have set and subscribed their respect; hands and seal on the day, month and year first herein above mentioned.

FOR IIT BOMBAY

FOR MoRD

Signature:   
Name: Prof. P. M. Mujumdar  
Designation: Dean Research & Development  
Date: 1 October 2013

Signature:  
Name:  
Designation:  
Date:

IN THE PRESENCE OF *Identified by me.*

IN THE PRESENCE OF

WITNESS   
**R. D. MISHRA**  
Advocate  
Flat No. 001, Kailash Apartments  
Gokhale Nagar, Opp. IIT Maingate  
Powai, Mumbai - 400 076

WITNESS

Milind Sohoni  
Head, CTARA.

प्रा. मिलिंद ए. सोहोनी  
Prof. Milind A. Sohoni  
विभागाध्यक्ष - सितारा  
Head - CTARA  
आय.आय.टी. मुंबई  
I.I.T. Bombay



23/10/13  
**RAMESH CHANDRA TIWARI**  
ADVOCATE & NOTARY  
GOVT. OF INDIA  
Reg 129, A-Wing, Appli Ekta Hsg. Soc.  
Nav Pada, Marol Naka, A. K. Road,  
Andheri (E), Mumbai - 400 059

~365~



Beneficiary : IIT Bombay Project & Consultation A/C  
Bank Account Number : 10725729173

Bank Details

Bank Name : State Bank of India  
Bank Branch : IIT Bomaby Powai Branch  
Bank Address : IIT Bombay, Adi shankaracharya Marg,  
Powai, Mumbai 400076  
RTGS / IFSC / NEFT No. : SBIN0001109  
ECS no. / MICR NO. : 400002034  
Swift Code : SBININBB519 (for forex transaction)

Postal Address

Dean R & D Office  
Project & Consultancy Unit,  
IRCC, IITBombay, Powai Mumbai-76  
Tel : 022 -25764078/64523/7035/7037  
email : [sivakami@iitb.ac.in](mailto:sivakami@iitb.ac.in) / [prashants@ircc.iitb.ac.in](mailto:prashants@ircc.iitb.ac.in)





भारतीय प्रौद्योगिकी संस्थान मुंबई  
पवई, मुंबई-400 076, भारत

Indian Institute of Technology Bombay  
Powai, Mumbai-400 076, India

दूरभाष/Phone : (+91-22) 2572 2545

फैक्स/Fax : (+91-22) 2572 3480

वेबसाईट/Website : www.iitb.ac.in

IIT Bombay

Details of Agency Registration under Central Plan Scheme Monitoring System,  
Ministry of Finance

IIT Bombay is registered under Central Plan Scheme Monitoring System, O/o. Controller & General of Accounts, Ministry of Finance, New Delhi – 110003. The Registration details are mentioned below:

Type of Registration : Statutory Bodies  
Agency Name : INDIAN INSTITUTE OF TECHNOLOGY BOMBAY  
Act/Registration No. : The Institutes of Technology Act 1961  
Address Line 1 : IIT Bombay,  
Address Line 2 : Adi Shankaracharya Marg,  
Address Line 3 : Powai (Post)  
City : Mumbai  
State : MAHARASHTRA  
District : MUMBAI (SUBURBAN)  
Pin Code : 400076  
Contact Person : Shri. B. S. Punalkar  
Phone : 022-25767020  
Email : [registrar@iitb.ac.in](mailto:registrar@iitb.ac.in)  
Unique Agency Code : IITBombay

Agency Bank details

Scheme	Bank	Branch	Address	Account No.	Agency Name as per Bank
RESEARCH AND DEVELOPMENT SUPPORT SERC	STATE BANK OF INDIA	POWAI	IIT POWAI, MUMBAI – 400076	10725729173	IIT Bombay Project & Consultation A/C

IFSC Code/ RTGS & NEFT No. : SBIN0001109

MICR No./ECS No. : 400002034

TAN No. : MUMI00377G

PAN No. : AAAT11446A

Date: 03/05/2010

Signature:

Name: B. S. Punalkar

Designation: Registrar, IIT Bombay

Form No. E-5



Electronic Clearing Service (Credit Clearing)  
Model Mandate Form

(Investor/Customer's Option to Receive Payments through Credit Clearing Mechanism)  
(Scheme name and the periodicity of payment)

No.

- 1. Investor/Customer's Name : Indian Institute of Technology, Powai, Mumbai - 400076.
- 2. Particulars of Bank Account :
  - A. Bank Name : State Bank of India
  - B. Branch Name : I.I.T. Powai Branch,
  - Address : I.I.T. Main Gate, Adishankaracharya Marg, Powai, Mumbai - 400076.
  - Telephone : 91-22-27528555
  - C. 9-Digit Code Number of The Bank & Branch : 400002034  
(Appearing on the MICR Cheque Issued by the bank)
  - D. Account Type : Current Account  
(S.B. Account/Current Account or Cash Credit with Code 10/11/13) : 11
  - E. Ledger No./Ledger Folio No. : Not applicable
  - F. Account Number : 10725729173  
(As appearing on the Cheque Book)
  - G. IFSC Code No. of the Bank : SBIN0001109

(In lieu of the bank certificate to be obtained as under, please attaché a blank cancelled Cheque or photocopy of a Cheque or front page of your savings bank passbook issued by your bank for verification of the above particulars).

3. Date of Effect : -----

I hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold the User institution responsible. I have read the option invitation letter and agree to discharge responsibility expected of me as a participant under the Scheme.

Date:

(-----  
Signature of the Authority with office seal

Registrar  
I.I.T. Bombay  
Mumbai - 400 076

Certified that the particulars furnished above are correct as per our records.

(Bank's Stamp



(-----  
Signature of The Authorized Official from the Bank.

Date:

17 FEB 2011



INDIA 2000

दिनांक/Date

CHIEF OFFICER

Pay

या धारक को Or Bearer

रुपये Rupees

₹. Rs.

जवा करे

अ. नं. A/c. No. 10725729173

भारतीय स्टेट बैंक  
State Bank of India



(01100)-H.I.T.(POWAI) IFS Code: SBIN0011109  
IIT MAIN GATE, ADI SHANKARACHARYA MARG  
POWAI, MUMBAI  
MUMBAI, MAHARASHTRA 400076

IIT BOMBAY PROJ CONSULTATION.

Prefix : 0438200017

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