

# कार्यालय-निदेशक, माध्यमिक शिक्षा राजस्थान, बीकानेर

क्रमांक:शिविरा/मा/माध्य-द/समस्ता/विधि/2018/325

दिनांक: 13.01.2020

1. निदेशक, राजस्थान राज्य शैक्षिक अनुसंधान एवं प्रशिक्षण परिषद्, उदयपुर।
2. मुख्य जिला शिक्षा अधिकारी एवं पदेन जिला परियोजना समन्वयक, समग्र शिक्षा अभियान समस्त जिले।
3. प्राचार्य, जिला शिक्षा एवं प्रशिक्षण संस्थान समस्त जिले।

विषय:- IT For Change, Bangalore (ITFC) and Center for Education Research & Practice (CERP) के एमओयू क्रियान्वयन के सम्बन्ध में।

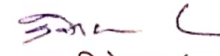
प्रसंग :- राजस्थान स्कूल शिक्षा परिषद् जयपुर के पत्र क्रमांक:रा.स्कू.शि.प./जय/आरईआई / 2019-20 / 8240 दिनांक:5.12.2019

IT For Change, Bangalore (ITFC) and Center for Education Research & Practice (CERP) jaipur संस्था का एमओयू माननीय शिक्षा मंत्री महोदय के मुख्य आतिथ्य में सीकर में सम्पन्न हुये राज्य स्तरीय विज्ञान मेला दिनांक 30.11.2019 को राज्य परियोजना निदेशक महोदय द्वारा हस्ताक्षरित किया गया है। संस्था का एमओयू समस्त जिलों के लिये 5 वर्ष (30 नवम्बर 2024) के लिए हस्ताक्षरित किया गया है।

एमओयू के अनुसार संस्था राज्य स्तरीय शैक्षिक संस्थाओं, आरएससीआईआरटी उदयपुर, निदेशालय बीकानेर, राजस्थान स्कूल शिक्षा परिषद् एवं डाइट के स्तर पर गणित, विज्ञान, अंग्रेजी, और सामाजिक विज्ञान अध्ययन के अध्यापकों का आईसीटी बेस्ड प्रोफेशनल डवलपमेन्ट करने के लिये अकादमिक सम्बलन देगी।

उक्त संदर्भ में निर्देशानुसार निवेदन है कि एमओयू में अंकितानुसार गतिविधियों के क्रियान्वयन हेतु संस्था से समन्वयन कर कार्ययोजना प्राप्त कर लें। योजना अनुसार निरन्तर मॉनिटरिंग करते हुये त्रैमासिक प्रगति रिपोर्ट परिषद् की प्रशिक्षण प्रकोष्ठ (नोडल शाखा) एवं आरईआई शाखा को प्रेषित करावें।

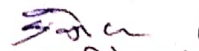
संलग्न :- हस्ताक्षरित एमओयू की प्रति

  
उप निदेशक (माध्यमिक)  
माध्यमिक शिक्षा, राजस्थान  
बीकानेर

प्रतिलिपि : निम्नांकित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित :-

1. निजी सचिव, शासन सचिव, स्कूल शिक्षा एवं भाषा विभाग, राजस्थान, जयपुर।
2. आयुक्त, स्कूल शिक्षा एवं राजस्थान स्कूल शिक्षा परिषद्, जयपुर सह विशिष्ट शासन सचिव, राजस्थान, जयपुर।
3. राज्य परियोजना निदेशक, समग्र शिक्षा अभियान एवं अतिरिक्त आयुक्त, राजस्थान स्कूल शिक्षा परिषद्, जयपुर।
4. निदेशक, प्रारम्भिक शिक्षा, एवं पंचायती राज (प्रा.शि.) राजस्थान, बीकानेर।
5. संभागीय संयुक्त निदेशक, स्कूल शिक्षा समस्त जिलें।
6. समस्त जिला शिक्षा अधिकारी (मुख्यालय) - माध्यमिक/प्रारम्भिक शिक्षा।
7. सिस्टम एनालिस्ट, कार्यालय हाजा को विभागीय वेब-साईट पर अपलोड करने हेतु।
8. स्टाफ ऑफिसर, कार्यालय हाजा।
9. रक्षित पत्रावली।

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उप निदेशक (माध्यमिक)  
माध्यमिक शिक्षा, राजस्थान  
बीकानेर





L 894206

राजस्थान RAJASTHAN

## Memorandum of Understanding (MoU)

This Memorandum of Understanding (MoU) is entered and executed on 30<sup>th</sup> November 2019 between Department of Education represented by Mr. Abhishek Bhagotia, SPD (SMSA), Government of Rajasthan having its registered office at Dr. R.K. Shiksha Sankul, JLN Marg, Jaipur, Rajasthan, India (hereinafter called the "RCSCE", the first party)

AND

IT For Change, Bangalore (ITfC), #393, 17th Main, Jayanagar 4th T Block, Bengaluru, Karnataka, 560 041. IT for Change nether after referred to as 'ITfC', which expression shall, whenever the context permits, mean and include its successor and assignees), represented by Mr. Rakesh B, Project Associate-Technology.

AND

Center for Education Research & Practice, 58 Satya Vihar, Behind Jain ENT Hospital, Lal-Kothi Jaipur 302015. hereafter referred to as 'CERP', which expression shall, whenever the context permits, mean and include its successor and assignees) represented by Director, Dr. Nagendra Nagpal.

### Background/Project Overview

The government is pursuing a multi-stakeholder partnership with the global and local private sector, foundations and charitable organizations, and other grass root level NGOs to bring in the relevant expertise and experience in its endeavor to improve the quality of school education in the state, with a special focus on teaching-learning processes in government schools.

  
FOR SMSA

  
FOR ITfC

  
FOR CERP



IT for Change (ITfC), an NGO based in Bengaluru has been working on the 'Subject Teacher Forum' program (STF) a state-wide teacher training program, to develop state-wide models for Information and Communications Technology (ICT) integrated teacher training. The model has been implemented in Karnataka in partnership with the RMSA and the RSCERT. ITfC is working to develop 'Subject Teacher Forums' and the Telangana Repository of Open Educational Resources (TROER). ITfC has developed the Telangana student text book and teacher hand book for schools. ITfC is also working in government schools in Bengaluru with teachers to improve teaching-learning in core subjects at a classroom level.

CERP is an NGO that works in the areas of teacher education, resource material development, research, and process documentation in Rajasthan and other states in the country. Presently, in partnership with TISS Mumbai, CERP is working with the state on integrating IT enabled processes in teaching-learning practices in Mathematics, Science and English subjects at secondary level in the selected schools.

### Objectives of the project

The MOU is intended to strengthen implementation of the state perspective, vision, and policy to integrate ICTs in improving teaching-learning processes and thus improving the learning outcomes of children in government schools of Rajasthan.

In phases, the state is setting up ICT labs in all secondary and senior secondary government schools. At present, in more than two third of the schools (total 14,000 schools) ICT labs have been setup and in the remaining schools setting up the labs is in process. Most likely in the current session (2019-20), all schools will have ICT labs.

The state is making efforts to create an enabling environment for the proper utilization of ICT labs in the schools. The state on its own and with the help of expert organizations is trying to provide appropriate content to the schools along with the required orientation to teachers. In the last five years, the state has developed associations with various agencies for support in the endeavor. Some of the associations - Tata Trusts for Khan Academy program, Education Initiatives for Mind Spark program, and TISS for CLIX program are worth mentioning here.

Under the CLIX program, in the 2018-19 session, IT for Change worked with the RMSA and helped in the orientation of 60 Key Resource Persons of Mathematics at the state level. IT for Change supported district level trainings by these KRPs in 13 districts where around 500 teachers were trained. CERP, as implementation partner of CLIX, worked with 101 schools in the state to set up a blended (ICT based soft content and text books) mode of classroom practices.

To proceed further from where we stand today, the MOU aspires to work at the state level to create digital literacy and subject level ICT integration for the teachers at the UPS level to go deeper at the secondary level and work with state resource groups to facilitate the process of creating ICT enabled materials by the local institutions and resource groups. It also envisages development of repositories for Open Education Resources (OERs) that all teachers will contribute to. Since local academic institutions and resource groups will be part of the process, it will ensure fulfillment of local needs and contexts that will be woven around the state and national perspectives.

### Roles & Responsibilities of Department of Education (GoR)

- > Formation of a Steering Committee and ensuring its meetings are held on schedule and ensuring the compliance of the decisions of the committee
- > Participation of state / RSCERT / KRPs in the resource group meetings and in the virtual peer learning forums established in the program/project
- > Orientation of KRPs/MTs and teachers as per the state norms, in workshops conducted jointly by state and ITfC / CERP
- > Ensuring use of developed materials in the schools

FOR RMSA

FOR ITfC

FOR CERP

- ICT Lab readiness and its maintenance at school as well as Teacher Training Centres at state and district levels (SMSA / RSCERT / CTEs / DIETs).
- SMSA will conduct training program as per SMSA norms in which CERP will give academic resource support.
- There will be no financial obligations from Department of Education.
- Department of Education shall be free to take action against any personnel in the event/ happening of misconduct being noticed.

### Roles & Responsibilities of NGO partner

- ITfC and CERP will set up a team to support its activities. The role of project team will be of facilitation and helping the state to undertake the proposed activities
- Facilitate workshops /meetings and other activities
- Participation and providing expert input in ICT /subject related meetings held by the state.
- Documentation, reports, networking and sharing with all stake holders
- Undertaking research and reviews
- Networking, sharing, collecting best practices in other projects/initiatives
- Expenses on members of ITfC and CERP or additional experts provided by ITfC or CERP, participating in any workshop, training, and orientation will be the responsibility of ITfC /CERP
- ITfC can host the OER repository until it is transitioned to the department
- ITfC/CERP will share List of Personnel with the concerned department mentioning their
- Name, Age, Post\*(hierarchy wise), Contact Number, Qualification and Place of posting. So the necessary communication can be maintained.
- ITfC/CERP will also share the details of the personnel's for the point of contact for between state and rest of the organization.
- ITfC/CERP will share the timelines of the ongoing community activities (if any) after the MoU with
- the respective department for the efficient flow of work and will also seek permission (in form of letter) for the same from the department and will regularly update the department via progress report.
- ITfC/CERP will foresee that effective coordination is maintained between facilitator and district/block level officer for smooth running of the project activities and will also share regular update to the district/block officers.
- ITfC/CERP will provide identity card to its personnel working at each level

### Time Period of the MoU

The MOU is for duration of five years (2019-2024)

The Project proposes to work in two phases.

- The First Phase will be of three years (2019-2022) in which step wise all domains will be covered. It is being proposed that first year - Mathematics, second year - Science and third year - English and, Social Science be covered. The program could also cover the subjects in a phased manner, covering select districts each year In selected districts DIET faculty would also be oriented on the program.
- The Second Phase will be of two years (2022-24) and will be a consolidation phase in which ITfC and CERP will consolidate the activities and hand over the leadership to local groups to carry it forward. Here, greater focus will be on working with RSCERT, CTEs and DIETs to enable them to take the program forward.

FOR SMSA

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## Project Implementation Area

School Education Rajasthan.

The project will also support SMSA / RSCERT / CTEs / DIETs for the development of professional learning of teachers who will interact on virtual state-wide and district-wide forums, to share experiences, ideas and resources.

MoU deliverable with clear cut time line. Phase 1(2019-21)

Theme and task	Activity and Deliverables		
	Year 1 (2019-20)	Year 2 (2020-21)	Year 3 (2021-22)
Development of state perspective, vision and action plan for Teacher Professional Development (one of the objectives will be the integration of ICT in classroom practices) in government schools (secondary school teachers)	(i) Formation of group by involving local stake holders and experts (ii) Hold workshops and develop the document (iii) Presentation and state approval	Year wise action plan to meet the perspective and vision	Year wise action plan to meet the perspective and vision
Digital literacy for teachers UPS and Secondary teachers	For Upper Primary School teachers one or two day activity plan will be prepared and integrated with the module that the state will prepare for the teachers. Along with the basic literacy subject based activity will be integrated. Also participate in the orientation of Key Resource Persons and take a few sessions to orient resource persons.	Update the module based on feedback and ground realities.	Update the module based on feedback and ground realities.
	For high school teachers module development in required subject and orientation of State resource group (state resource group to integrate the module in the teachers training and orient MTs). Publish the module on state level repository		
Orientation of teachers for (i) Creation of teachers' forum/groups (ii) Use of ICT enabled material and co-creation by teachers in the workshops (Secondary teachers) (iii) Develop Technology Support Group to ensure in-house capacities for integrating ICT	Work with the state institutions / SRG support in development for modules of MTs and teachers orientation (Mathematics subject) Orientation of SRG / Key Resource Persons of Mathematics Develop Technology Support	Same as Year 1 (update of modules + Inclusion of Science subject and doing all activities in a similar way as done for Mathematics in year 1	Same as year 2 + inclusion of English and Social Sciences

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Theme and task	Activity and Deliverables		
	Year 1 (2019-20)	Year 2 (2020-21)	Year 3 (2021-22)
	Resource Group amongst teachers at state and district levels through capacity building Participation in some select teachers training workshops		
Development of IT enabled resource materials In addition to all teachers making materials in workshops (which is primarily for TPD), we will also form separate core groups of OER development in each subject. OER will be made by chapter (as per text book)	Formation of teachers/resource group forums Work on Mathematics subject Preparation for Science subject	Formation/ orientation of teachers/resource group forums Work on mathematics, Science subjects, Preparation for English and Social Science subject	Formation/ orientation of teachers/ resource group forums Work on Mathematics, Science, English and Social Science subjects
Repositories for publishing OER	Resource group/ Forums orientations	Same as year 1	Same as year 2
OER will be published on a state level repository (ITTC can host this and also help the state to host it).	Workshop for Mathematics subject (Part of activities will be linked with the activities proposed in the preceding task (Development of IT enabled resource materials))	+Start work on Science subject	+Start work on English and Social Science subjects
Advocacy for systemic reform (i) ICT infrastructure and norms (ii) Evaluation system (iii) TE Group (iv) Teacher Development program	Issues will be deliberated in the workshops proposed for the perspective, vision and action plan development and concept papers will be developed in the process. Experts will be involved in discussions with the state and efforts will be made to mainstream the issues/reforms	Continued efforts for mainstreaming.	Continued efforts for the mainstreaming based on evidence based advocacy.

## Phase 2 (2022-24)

### Consolidation and Rollback Phase

- In phase 2, the focus will be to support the state to consolidate the processes and structures so that all activities done in phase 1 become a part of routine activities in the state, supporting RSCERT, CTEs and DIETs towards program sustainability
- The material developed in phase 1 will be reviewed with the experts based on the feedback. During this phase, materials will be thoroughly updated incorporating new expertise evolved in the last years.
- Updation and enrichment of repositories containing OER based on the feedback and expert input.
- Best practices will be documented and shared with the state for wider circulation.

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- Best practices from the other states will be identified and incorporated in the training, materials and processes.
- Advocacy based on experts input and evidences.
  - Dissemination work shop with the state for sharing the experiences and learning from the initiatives.

#### Other terms and conditions:

- The Education Department of the Government of Rajasthan, ITFC and CERP recognize that success of the initiative will require the support and cooperation from all concerned.
- The state will be free to use the educational resources developed under the project as appropriate with the acknowledgment to ITFC and CERP.

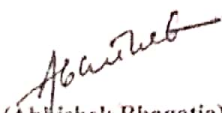
#### Modification/ Termination Condition.


- Either party can terminate the MOU by giving 2 months' notice in writing to the other party. During the notice period both the parties will strive to bring the program to a smooth closure.
- If there is a situation of disagreement on any issue between parties, then Principal Secretary School Education decision shall be final & accepted both parties

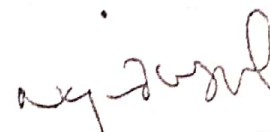
#### Any other additional/ relevant point

Formation of Steering committee at state level comprising members from all partners (State, ITFC and CERP) for smooth implementation of the project activities.

This would be an academic, strategic and implementation advisory committee and it will meet once in six months and review the program and ensure effective and timely execution of the initiative in the state

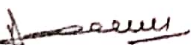
  
(Abhishek Bhagotia)  
State Project Director  
Samgra Shiksha, Rajasthan

  
(Rakesh B)  
Project Associate,  
IT for Change

  
(Dr. Nagendra Nagpal)  
Director,  
Center for Education  
Research & Practice


#### Witness in the Presence of following:

##### Witness-1

Signature:  Signature:

Name: DR. SUBHASH KANT Name:

Designation: A.D (REP) Designation:

Signature: 

Name: Vijay Singh

Designation: General Manager  
CER - Rajasthan

##### Witness-2

Signature:

Signature:

Signature:

Name:

Name:

Name:

Designation:

Designation:

Designation: