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# ESTABLISHMENT OF MODEL ITI

## Action Plan

*(This Action Plan is to be completed by the State / UT Directorate in consultation with the ITI Principal and IMC of the proposed Model ITI and forward to DGE&T on priority)*

*State/UT:- ODISHA*

*Name of ITI :- INDUSTRIAL TRAINING INSTITUTE, BARBIL*

*Address :- AT- STATION ROAD, PO-MATKAMBEDA*

*DIST-KEONJHAR, ODISHA, PIN758036*

*Date of Preparation 22/11/2014*

AD/D

## SECTION-1: DETAILS OF PROPOSED MODEL ITI

### 1. BASIC DETAILS

Please provide the details of the ITI proposed to be upgraded as the Model ITI in the State / UT.

S.No.	Information	Details	
1.	State / UT	ODISHA	
2.	Proposed Model ITI Name and Address	GOVT. INDUSTRIAL TRAINING INSTITUTE, BARBIL AT-STATION ROAD, PO-MATKAMBEDA DIST-KEONJHAR, ODISHA, PIN-758036	
3.	ITI Website Address	<a href="http://www.itibarbil.com">www.itibarbil.com</a>	
4.	Details of Principal		
	(i) Name	JNANARANJAN DAS	
	(ii) Address	AT- ITI BARBIL, PO-MATKAMBEDA, DIST-KEONJHAR, PIN-758036	
	(iii) Phone	06767-212776	
	(iv) Fax	06767-212776	
	(v) Email	principaliti30@yahoo.com	
5.	Year of Establishment of the ITI	1964	
6.	Affiliation Number given by DGE&T	6/15/2/89-TC	
7.	Building/ Premises owned by State	Owned	
8.	Total Land Area (in m <sup>2</sup> )	93078 m <sup>2</sup>	
9.	Total Constructed Area(in m <sup>2</sup> )	<b>5786 m<sup>2</sup></b>	
	(i) Office	250 m <sup>2</sup>	
	(ii) Workshop(s)	2036 m <sup>2</sup>	
	(iii) Hostel(s)	3500 m <sup>2</sup>	
10.	Affiliation of Industry Partner(s)	CII	
11.	Whether the ITI covered under any scheme in the past (Pl. tick mark)	Yes	No
	(i) Upgradation of 100 ITIs under domestic funding		
	(ii) Vocational Training Improvement Project with World Bank funding		
	(iii) Upgradation of 1396 Govt., ITIs under PPP mode	√	
12.	If ITI covered under PPP scheme, indicate revenue generated during last two years through other sources/ activities (Please specify) in Rs.		
	Year 2012-13	13,36,565	Short term courses &
	Year 2013-14	13,65,215	IMC seat admission



## 2. DETAILS OF TRAINING PROGRAMMES

(a). Please provide the details of available trades at the ITI proposed to be upgraded as the Model ITI in the State / UT.

Details of Available Trades		Past GoI Funding
Trade Name	Sanctioned Units	No. of Units Funded through Past Scheme(s)
<b>NCVT Trades</b>		
1. FITTER	6 (2+2+2)	02
2. ELECTRICIAN	6 (2+2+2)	02
3. ELECTRONICS MECH.	2 (1+1)	
4. WIREMAN	3 (1+1+1)	
5. I.T.&E.S.M	3 (1+1+1)	1+1+1
6. MACHINIST	3 (1+1+1)	01
7. TURNER	2 (1+1)	
8. M.M.T.M	3 (1+1+1)	
9. MECH. MOTOR VEHICLE	3 (1+1+1)	
10. MECH. REP. & MAINT. OF HEAVY VEHICLES	3 (1+1+1)	1+1+1
11. WELDER (G&E)	4 (2+2)	
12. PLUMBER	2 (1+1)	
<b>A. Total (NCVT)</b>	<b>40 UNITS</b>	
<b>SCVT Trades ( under ATS scheme)</b>		
1. Mech. Earth Moving Machinery	01	
2. RIGGER	01	
<b>B. Total(SCVT)</b>	<b>02 UNITS</b>	
<b>G. Total (A+B)</b>	<b>42 UNITS</b>	

(b). Details on Instructors in the ITI :

Instructor availability					Training (Out of filled posts)	
Sanctioned	Filled (Regular)	Filled (Contract)	% Vacant [(b)+(c)]/[a]	Guest Lecturer for vacant posts	Trained	Untrained
(a)	(b)	(c)	(d)	(e)	(f)	(g)
Regular-10 Contractual-16	04	03	19	20	07	0

(c). Indicate action initiated and date by when vacant post(s) of instructor(s) is likely to be filled:

(d). Please indicate salary of Contract instructor : ₹ 13,500/-per month

*[Handwritten signature]*

### 3. DETAILS OF INSTITUTE MANAGEMENT COMMITTEE (IMC)

For the model ITI, if not done so far, Institute Management Committee (IMC) Society is to be formed as is done in the scheme for 'Upgradation of 1396 Govt ITIs through PPP'. State may also review the composition and working of IMC and if required may undertake overhauling of the IMC so as to ensure that major the trades are covered by the reps of industry in IMC. As per guidelines of the Scheme for establishment of Model ITIs, an Institute Management Committee (IMC) registered as a Society must be functional for the proposed ITI.

(a) Does the proposed Model ITI has a duly formed IMC? Yes

(b) Is the IMC registered as a Society? Yes

(c) Please indicate the details of the IMC composition in the table below:

1	Chairman of the IMC		JINDAL STEEL & POWER LTD.	
	(i) Name		T.S.SHANBHOGUE	
	(ii) Parent Organization and Designation		EVP, JSPL, BARBIL-CUM-CHAIRMAN, IMC, ITI BARBIL	
	(iii) Address		AT/PO-JODA BARBIL HIGHWAY BARBIL, KEONJHAR-758035	
	(iv) Phone		07894453223	
	(v) Fax			
	(vi) Email		tsshanbhogue@jindalsteel.net	
	(vii) Industrial Sector		STEEL & MINES	
2	Secretary of the IMC (Principal of ITI)		JNANARANJAN DAS	
	<b>Industry Members</b>	<b>Name of member</b>	<b>Organization and Designation</b>	<b>Industrial Sector</b>
3	Member 1	General Manager	ESSEL MINING & IND. LTD., BARBIL	MINES
4	Member 2	General Manager	RUNGTA MINES LTD., BARBIL	STEEL & MINES
5	Member 3	General Manager	ARYA IRON & STEEL PVT. LTD. BARBIL	STEEL & MINES
6	Member 4	General Manager	BRPL, Barbil	STEEL & MINES
7	Member 5	General Manager	TISCO, JODA	STEEL & MINES
	<b>State Government Representatives</b>	<b>Name of member</b>	<b>Department and Designation</b>	
8	Member 1	PRINCIPAL, OSME, KEONJHAR	ETE&T,	
9	Member 2	DISTT. EMPLOYMENT EXCHANGE, KEONJHAR	ETE&T	
10	Member 3	DISTT. INDUSTRIES CENTER, KEONJHAR	INDUSTRIES DEPTT.	
11	Member 4	D.W.O, KEONJHAR	SC&ST Development Deptt.	
12	Member 5	Sub-Collector, Champua		

(d) Any other details related to the IMC: \_\_\_\_\_

#### 4. DETAILS OF LOCAL INDUSTRIES AND INDUSTRIAL RELATIONS

Please provide the details of the existing industrial landscape as well as the industrial relations of the proposed Model ITI:

- (a) Which industrial sectors are currently active in the geographical region of the proposed Model ITI? [Provide details]

S.No.	Industrial Sector	Name of the Industries
1.	Ferro Manganese Plant	TATA Iron & Steel
2.	Sponge Iron	TATA Sponge
3.	Iron ore Exploration	SAIL, Bolani
4.	Pellet	JSPL, Barbil
5.	Sponge Pipe	KIW, Barbil
6.	Pellet & Rod Making	MSP , Keonjhar

- (b) Which sector(s) does the Institute primarily cater to at present?

S.No.	Industrial Sector	Trades in the ITI	Units
1.	Mechanical	Fitter, Machinist	09
2.	Electrical	Electrician	06
3.	Automobile	Mech. Motor Vehicle	02
4.	Steel Manufacturing	Mech. Machine Tools Maintenance	03
5.	Iron ore exploration	Rep. & Maint of Heavy Vehicle	03
6.	Information Technology	IT&ESM	03

- (c) Please provide the details of any existing industrial tie-ups or MoUs of the Institute for the sector(s). [Provide details]

Mahindra & Mahindra	Heavy Vehicle	Pune, Maharastra
TATA Motors	Light Vehicle	Jamshedpur, TATA

- (d) Which trades have a high employment potential in the geographical region of the proposed Model ITI and if it is not currently offered by the Institute. [Provide details]

S.No.	Industrial Sector	Trades
1.	Mining	Mate, Blster,
2.	Automobile	Rep. & Maint of Heavy Vehicle
3.	Metallurgical	Stone Processing Operator
4.	Civil & Mining	Surveyor
5.	Industrial & Environment	Laboratory Assistant (Chemical)

#### 5. DETAILS OF PLACEMENT OF TRAINEES :

(a) Does the proposed Model ITI has a functional Training, Counseling and Placement Cell (TCPC)? **Yes**

(b) Details of placement offered to trainees in the past 3 years

Session	% Passed against examined	% Placement against passed	Average Annual Salary
2011-12	90 %	80%	8000/-
2012-13	89%	85 %	9000/-
2013-14	Not Declared		

### SECTION-2: UPGRADATION PLAN FOR PROPOSED MODEL ITI

#### 1. IDENTIFICATION OF INDUSTRY CLUSTER

As per guidelines of the Scheme for establishment of Model ITIs, the proposed Model ITI should be situated in a prominent industrial cluster in the State / UT. It is also expected that the Model ITI will establish links with other industrial clusters in its vicinity to enable it to function as a solution provider to the cluster group.

Please list the industrial cluster will the proposed Model ITI primarily cater to?

S.No.	Trades	Sector
01	Stone Processing Machine Operator	Mining
02	Ref & A/C	Mechanical
03	Surveyor	Civil
04	Mech. Mining Machinery	Mining
05	Mining Mate	Mining
06	Painter General	Construction
07	Foundry Man	Construction
08	LABORATORY ASSISTANT (Chemical Plant)	Mining

**Short Term Under Flexi MoU:-**

S.No.	Trades	Sector
9	Mobile Crusher Operator	Production
10	Engine Overhauling for latest vehicle	Automobile
11	Engine Overhauling & Repairing of Bharat Stage -III Engine.	Automobile

**2. PROPOSED ACTIVITIES TO UPGRADE THE ITI AS PER SCHEME OBJECTIVES**

Please provide details of the proposed activities to upgrade the ITI as per Scheme Objectives:

- a) Please provide the details of trades to be upgraded in the table below. The units to be upgraded must not have been funded under any Central Scheme in the past. The trades being upgraded should also contribute to the overall objective of the Model ITI of catering to specific industrial sectors.

Name of the ITI/ SDCs	Existing strength(2012-13) Baseline				Capacity expansion of trades/units in Government ITIs during 12 <sup>th</sup> five year plan				
	No	Name of the Trade affiliated	No of units affiliated	Strength	2013-14	2014-15	2015-16	2016-17	Total strength after 12 <sup>th</sup> FYP
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
Govt. ITI, Barbil, Po-Matkambada, Dist-Keonjhar-758036 File No. DGE&T-6/15/2/89 -TC (Govt)	1	Fitter	6 (2+2+2)	96		48	32	16	192
	2	Turner	2 (1+1)	24		12	00	00	36
	3	Machinist	3(1+1+1)	36		12	12	12	72
	4	Electrician	3(1+1+1)	48		64	48	32	192
	5	Electronics Mechanic	2 (1+1)	32		16	00	00	48
	6	Wireman	3(1+1+1)	48		00	00	00	48
	7	M M T M	3(1+1+1)	48		00	00	00	36
	8	Mechanic Motor Vehicle	3(1+1+1)	48		16	16	16	96
	9	Stenography (Eng)	2 (1+1)	32		--	--	--	--
	10	Welder	4 (2+2)	48		00	00	00	36
	11	Plumber	2 (1+1)	32		16	00	00	48
	12	R & TV	1	16		--	--	--	--
	13	Mech Repair & Maint. Of heavy vehicle	--	--	32	32	16	16	96
	14	IT&ESM	--	--	32	32	16	16	96
			<b>34</b>	<b>508</b>	<b>64</b>				<b>984</b>

- b) Please provide the details of obsolete trades / trades with lackluster demand to be discontinued in the table below. Appropriate justification maybe provided for the same briefly.

S.No.	Trade to be Discontinued	Existing Number of Units	Brief Justification
1.	Stenography(English)	02	Un Popular
2.			
3.			

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- c) Please provide the details of new trades to be introduced in the table below. The new trades should contribute to the overall objective of the Model ITI of catering to specific industrial sectors.

S.No.	Trade to be Introduced	Industrial Sector	No. of Units to be Introduced
1.	Stone Processing Machine Operator	Mining	2 (1+1)
2.	Ref & A/C	Mechanical	4 (2+2)
3.	Surveyor	Civil	2 (1+1)
4.	Mech. Mining Machinery	Mining	2 (1+1)
5.	Mining Mate	Mining	2 (1+1)
6.	Painter General	Construction	2 (1+1)
7.	Foundry Man	Construction	2 (1+1)
8.	LABORATORY ASSISTANT (Chemical Plant)	Mining	2 (1+1)

- d) Please provide the details of MES Courses that will be introduced to cater to the needs of existing workers and to the workers of the unorganized sector.

S.No.	MES Course to be Introduced	Industrial Sector	Annual No. of Trainees
1.	Fabrication	Mechanical	60
2.	Information & Communication Technology	I.T.	60
3.	Production & Manufacturing	Mechanical	60
4.	Automotive Repair	Automobile	60
5.	Electrical	Electrical	60
6.	Refrigeration & Air Conditioning	Mechanical	60
7.	Renewable Energy	Solar	60
8.	Construction	Construction	60
9.	Wood Work	Construction	60
10.	Banking & Accounting		60
11.	Beauty Culture & Hair Dressing		60
13.	Plastic Processing	Mechanical	60
14.	Telecom	Telecom	60



**3. DETAILS OF FINANCIAL AND MANPOWER RESOURCES REQUIRED :** Please provide details of the estimated resources required:

(a) Total Cost of Up-gradation: Rs. 1000 (lakhs)

(b) In the table below, please provide the estimated break-up of cost components.  
(amt. in Rs. lakhs)

S. No.	COST COMPONENTS	ITEMS				Recurring Exp.	Total
		Civil Works <sup>1</sup>	Equipment, tools etc.	Furniture	Learning Material, S/W		
1.	Revamp of Courses	100	50	30	20	20	220
	(i) For Up-gradation	400	200	50	10	50	710
	(ii) For New Trades	40	10	05	03	02	60
2.	Strengthening / Establishment of TCPC	--	--	--	--	--	10
3.	Other Activities such as outreach (Please specify)						
<b>GRAND TOTAL</b>		<b>540</b>	<b>260</b>	<b>85</b>	<b>33</b>	<b>72</b>	<b>1000</b>

(c) Details on Civil Works :

(amt. in Rs. lakhs)

S. No	Civil Work	Quantity	Area of construction/ renovation	Estimated cost
<b>Renovation</b>				
	Land boundary, reclamation, Electric & Water	250 kva transformer		100
				50
<b>New Construction</b>				
	Workshop	10,000 sqmtr.		300
	Class Room & building	200 sqmtr.		100

(d) Please provide details of additional manpower requirement (instructors for new trades and TCPC coordinator etc) and other related recurring cost, required for smooth functioning of the ITI.

S. No.	Component	Recurring Expenditure for Manpower
1.	New Trades	9300 x 13
2.	TCPC	9300 x 2

<sup>1</sup> The cost for Civil Works may not exceed 25% of the total Cost.

*S. S. S.*  
*msm*

#### 4. TARGET PERFORMANCE INDICATORS

The present scheme is only for a period of three years. The current baseline and annual measurable targets maybe indicated in the matrix below. Reference annual target numbers may be used from the Scheme guidelines document.

Sl. No.	Performance Indicator	Baseline (2013-14)	Year 1	Year 2	Year 3
1.	Overall Seat Utilization	700	800	900	1000
2.	Pass out Rate (overall average)	90 %	85%	85%	90%
3.	Placements (overall average, wage employment only)	Service-60% Self Empl.-10 % Higher Study-10 %			
4.	Number of outside workers trained by additional short term courses being run	250	300	350	400

#### 5. ADDITIONAL DETAILS

Please provide any additional details that can aid in the consideration of the proposal which has not been covered in the above sections.

The ITI has been established in the year 1964. The Keonjhar district is rich in mineral resources. The PSU like, SAIL, OMC Ltd. are working around 30 KM radius, there are about 100 small, medium & large scale industries operating for Iron ore beneficiation and value addition to the minerals. The flexi MoU are likely to be signed for out of approved NCVT courses.

The Model ITI will cater to the need of local industries for skill man power requirement in mining & metallurgy sector.

#### Authorized Signatories:

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##### ITI Principal (IMC Secretary)

Name: Er. Jnanaranjan Das  
Date: 22/12.2014  
Place: Govt. ITI Barbil

##### IMC Chairman

Name: T.S.Shanbhogue  
Date: 22/12.2014  
Place: Office of Chairman,  
IMC Society, ITI Barbil



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#### Authorized Signatories:

##### ITI Principal (IMC Secretary)

Name: Er. Jnanaranjan Das

Date: 22/12.2014

Place: Govt. ITI, Barbil

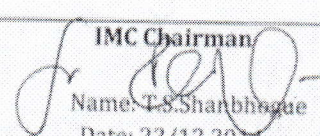
  
PRINCIPAL  
Govt. Industrial Training Institute,  
Barbil

##### IMC Chairman

Name: T.S. Shanbhogue

Date: 22/12.2014

Place: Office of Chairman,  
IMC Society, ITI Barbil

  
Chairman  
IMC Society  
I.T.I, Barbil