



Since 1979

The Centre for Entrepreneurship Development

(A Government of Gujarat Organization)

ઉદ્યોગસાહસિકતા વિકાસ સંસ્થાન

(ગુજરાત સરકાર દ્વારા સંચાલિત)

Dr. R. N. Prasad
M. Tech, MBA, Ph.D
Director

CED/5SLIC/SCH2/Jyoti/MKP/NC/332

19th June, 2017

22/4

To,
Mr. Parakramsinh Jadeja,
Chairman and Managing Director,
Jyoti CNC Automation Limited,
G-506, Lodhika GIDC,
Village : Metoda,
Rajkot - 360 021

Subject: Assistance for Setting up Skill Development Center

Reference:

1. Government G.R No.CED-112015-54553-I dated 01.04.2015
2. Your Application dated 17.03.2017.
3. Minutes of the 5th State Level Implementation Committee Meeting dated 11th April, 2017.

Dear Sir,

Kindly refer to your proposal for Government Assistance *for setting up Short-term Bridge Courses* under the Scheme for Enhancement of Technical Competence and Manpower, Gujarat Industrial Policy, 2015.

The State Level Implementation Committee (SLIC) constituted for the Scheme for Enhancement of Technical Competence and Manpower by Government under the Gujarat Industrial Policy 2015, Government of Gujarat vides GR no. CED-112015-24553-I, dated 01.04.2015, in its 5th meeting held on dated 11th April, 2017 approved your proposal for Government support of maximum **Rs. 100.00 lacs (Rupees One hundred lacs only)** subject to expert view of **Gujarat Technological University** under the scheme no. 2 "*Short-term Bridge Courses by Industries/Institute*" in the area of **Foundry Sector** at **Marwadi University, Rajkot Morbi Highway, Gauridad, Rajkot 360003** (Host Institute) to generate skilled and trained manpower.

1. **JYOTI CNC AUTOMATION LIMITED (Applicant)** has to follow the guidelines given in the G.R. no. CED-112015-24553-I, dated 1st April, 2015 and its amendments/modification, if any, time to time. Applicant has also to follow the directives given by State Level Implementation Committee, time to time.

"EMPOWERING INDUSTRY THROUGH SKILL AND ENTREPRENEURSHIP DEVELOPMENT....."

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2. The estimated cost of project and means of finance will be as under:

Amount Rupees in Lacs

Sr. No.	Details of Cost (Annexure-1)	Proposed Amount	Eligible Amount
1	Cost of New Machinery & Equipment	130.88097	130.88097
2	Cost of Tools	0.50000	0.50000
3	Cost of Furniture and Fixture	3.00000	3.00000
4	Cost of Electrification	2.95340	2.95340
	Total	137.33437	137.33437

Means of Finance:

- Applicant Contribution: Rs. 137.33 lacs x 25% = Rs. 34.34 lacs but applicant contribution is **Rs. 37.33 lacs**
- Government Support: Rs. 137.333 lacs x 75%= *Rs. 103.00 Lacs but maximum Government support is **Rs. 100.00 lacs**
**Maximum support under the Scheme-2 is limited up to Rs. 100.00 lacs*

3. Courses/Skill initiative as proposed/indicated at Annexure-2 (Prescribed by NSDC/MES-NCVT/GCVT/SSC or Other authorized body only).
4. The release of Government support shall be on pro rata basis and subject to submission of Chartered Accountant Certificate.
5. **The Terms and Condition for the said assistance will be as per the G.R. & as specified below:**

5.1 Role of Industry Partner

- I. A separate bank account is to be opened for the training purpose/center in name of Skill training Center.
- II. To Contribute minimum 25% of the cost of machinery & equipment including classroom furniture & fixture and cost of refurbishing of building.
- III. Industry Partner shall have to sponsor minimum of 25% intake capacity of course and provide employment at least 75% of sponsored trainees.
- IV. Industry Partner shall have to train the faculty of the Host Institution for capacity building.
- V. Industry Partner shall have to facilitate for in plant practical training to the trainees.
- VI. Industry partner shall have to carry out 3rd Party Skill Assessment on completion of the course through empaneled body/Experts under NSDC/NCVT/GCVT/SSC and others National & International body as approved by SLIC.



5.2 Role of Host Institute:

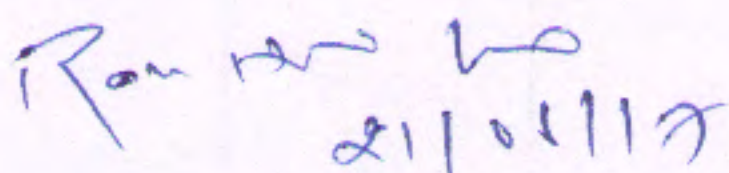
- I. The role of Host Institute is to provide all appropriate infrastructure and environment to run training activity.
- II. The Host Institute has to provide dedicated staff/faculty for running skill development activities.

Other Terms and Conditions

- I. The attendance record should be maintained through an electronic/biometric attendance system/MIS as prescribed by CED, time to time.
- II. Applicant cannot take benefit for Training activities from any other Government/Government bodies for the same purpose.
- III. The assistance granted should only be used for the purpose for which it has been sanctioned.
- IV. Applicant has to submit progress reports in details as per the schedule prescribed by CED, time to time.
- V. Minimum placement/self-employment criteria should be of 75% of total trainees trained/skill assessed. A placement criterion is excluded in case of up skilling for existing employees. Up skilling candidates are allowed maximum up to 30% of total trainees trained.
- VI. Applicant must provide copy of appointment letter as a proof of placement of trainees trained. In case of self-employment candidates should submit required proof of document like registration certificate for EM part-1/Udyog Aadhaar/Shop & Establishment /Proprietorship/Partnership etc. Further in case of up skilling of existing employees a proof of employment record is to be provided.
Placement criteria are defined by CED and are attached herewith.
- VII. Applicant is also eligible for Scheme no. 7 "Assistance for Tuitions fees for Enhancement of Skill" subject to fulfilling above G.R. criteria and availability of necessary infrastructure. For this purpose, prior intimation form CED/Industries Commissionerate is required.
- VIII. Project completion certificate, once implemented, should be submitted within one month of time, duly endorsed by Chartered Accountant.
- IX. Failure in implementation this project by next 6 months, without any justification, will be treated as invalid.

For The Centre for Entrepreneurship Development

Accepted by


Director

Authorized Signatory
(With Seal)



Proposed Project CostCost of New Equipment & Machineries:

Sr. No.	Name	Specification	Supplier / Brand	Quantity	Cost per item	Total Cost in Rs.
1	3D Printer	ProtoCentre 999 Dual Extruder 3D printer Build volume (XYZ) 230 X 230 X 230 mm cube Printing material: ABS PLA HIPS Nylon PC	Aha 3d	1	199675	199675
2	3d Scanner with turn table	David (HP) SLS3 with turn table scan accuracy: up to 0.05mm Scan resolution: up to 0.05mm scan size 60 to 500mm	Think 3D	1	587000	587000
3	Data tracker	USB memory for easy data & program transfer. Dual Channel Isolation Technology. 2x Serial 'Smart Sensor' ports User Definable allocation of memory size & mode. Web Interface. FTP for automatic data transfer .Modbus for sensors and SCADA connection. SDI-12 (multiple networks). Up to 48 Analog ($\pm 30V$) sensor inputs .Expandable to 800 analog inputs .12 Flexible Digital channels	Aimil ltd instrumentatin and technologies.	1	293500	293500
4	VMC	MODEL: MTE 4040H	Maheer technologies	1	840000	840000



Sr. No.	Name	Specification	Supplier / Brand	Quantity	Cost per item	Total Cost in Rs.
		POWER 5.5 KW (WATER COOLED) MAXIMUM SPEED 24000 RPM X AXIS:400 MM Y AXIS:400 MM Z AXIS:300 MM				
5	Auto Cast	<ul style="list-style-type: none"> • 3D modeling of primitive parts import of complex parts (.STL file) • MODULES: PART MOLD FEED GATE FLOW+ REPORT • DATABASES: All major metal families processes molds sleeves 	3D Foundry Tech Pvt. Ltd.	1	1590000	1590000
6	Sieve analysis	<p>USE: To find out AFS (Fineness No. – Average Grain Size) of sand</p> <p>SPECS: Vibrator with Motor - 1/8 Hp Single Phase Sieve Set as per ISS No 53 75 106 150 212 300 425 600 850 1700 Micron. Dia. 200 mm with LID & PAN OR (Sieves As Per Requirement) Timer 0-15 Min.</p>	MADRAS METALLURGICAL SERVICES PVT LTD	1	41400	41400
7	PERMEABILITY TESTER	<p>USE: To determine porosity in Raw sand Green No-bake sand.</p> <p>SPECS: With Air Tank Water Tank Manometer Unit Permeability Chart 2 Orifices And Syphon Unit</p>	MADRAS METALLURGICAL SERVICES PVT LTD	1	21275	21275



Sr. No.	Name	Specification	Supplier / Brand	Quantity	Cost per item	Total Cost in Rs.
8	ALLUMINIUM MOLDING BOX	20 x 20 x 4.5	Kelsons engineers and fabricators	1	20550	20550
9	Core sand Mixer	50KG capacity	Kelsons engineers and fabricators		90000	90000
10	MATCH PLATE with Pattern	20*20 size	Kelsons engineers and fabricators	1	15000	15000
11	MOULD HARDNESS TESTER (DIGITAL) ('B' SCALE)	USE: To determine surface hardness of Green Mould. SPECS: Digital Dial Indicator To Measure Hardness of Mould 0 - 100 No	MADRAS METALLURGICAL SERVICES PVT LTD	1	11500	11500
12	Induction Furnace	15 KW Advance Highly efficient designs IGBT based digital controlled power unit. Crusible:- 5 Kg Digital energy monitoring system	R A Induction	1	682500	682500
13	Bottom pouring Type stir casting machine with vacuum squeeze & rotary centrifugal casting attachments & accessories for MMC in Aluminum & Magnesium	Max. capacity of melting pot -0.8 to 2 kg of Aluminium or Magnesium Continuous operating temp. - 950 440v 3-phase variable stirrer speed 100 to 1500 rpm	Swan Equip.	1	1954575	1954575
14	UNIVERSAL TESTING MACHINE MODEL SE UTE-1000 KN	Test capacity:- 1000 KN	MADRAS METALLURGICAL SERVICES PVT LTD	1	1118950	1118950
15	ROCKWELL HARDNESS TESTER MODEL SE RASN - DIGITAL	Preliminary test force: 98.07 N Additional test force: 490.3 882.6 1373N (50 90 140 kgf)	MADRAS METALLURGICAL SERVICES PVT LTD	1	201250	201250



Sr. No.	Name	Specification	Supplier / Brand	Quantity	Cost per item	Total Cost in Rs.
16	Vicker hardness tester	Test Loads : 510203050 kg Magnification of optical projection : 70x Max.Test Height (mm) : 200 Scale least count (mm) : 0.001 Depth of throat (mm) : 133 Dimensions of Machine (mm) : L595 x W 290 x H 860 Weight (Approx) : 73 kg Power Supply : 220V AC 50 Hz 1 – phase	MADRAS METALLURGICAL SERVICES PVT LTD	1	207000	207000
17	Impact test [Izod]	Pendulum Effective Weight (Kg.) 21300 Striking Velocity of Pendulum (m/Sec):- 3.994	Gujarat Metco	1	504000	504000
18	Metallurgical Microscope	CO-AXIAL TRINOCULAR RESEARCH METALLURGICAL MICROSCOPE MODEL VISION PLUS 5000 TMM AS per the catalogue attached.	MADRAS METALLURGICAL SERVICES PVT LTD	1	258750	258750
19	Double Disc Polishing Machine	RPM : 2000 RPM Variable RPM Controller Model : G-1313	Gujarat Metco	1	37470	37470
20	Spectrometer	Spectral Range:7800 to 350cm ⁻¹ Resolution: Better than 0.85 cm ⁻¹ Wave number Precision : ±0.01CM ⁻¹ Scanning Speed: 5-	LABTRONICS	1	1008000	1008000



Sr. No.	Name	Specification	Supplier / Brand	Quantity	Cost per item	Total Cost in Rs.
		step adjustable for different				
21	Hand held XRF Alloy Analyzer	4W X-ray tube <145 eV FWHM @ 5.95 keV Mn line Calibration sample 316 stainless steel Large area silicon drift detector	Lab India	1	1800000	1800000
22	UT [Ultrasonic testing]	Single ray pulse. Einstine-II	Gujarat Metco- ModSonic	1	175123	175123
23	MpT [Magnetic Particle testing]	440mm x 330mm x 125 mm pole spacing: 0 to 200nm duty cycle: 50% on 5 minute Test process: Dry or wet	Gujarat Metco	1	18400	18400
24	LPT [Liquid pentrant testing]	3 bottle [cleaner pentrant and devloper]	Gujarat Metco	1	900	900
25	Digital Vernier Calipar	0-150 mm	Marck Instruments	1	3360	3360
26	Digital Micrometer	0-25 mm	Marck Instruments	1	5670	5670
27	Digital Height gauge	0-300 mm	Marck Instruments	1	19110	19110
28	Plunger Type Dial gauge	0.01 mm	Marck Instruments	1	2415	2415
29	Digital Thermometer	Temp. measurement	Marck Instruments	1	1155	1155
30	Arduino Mega Processor	Mega 2560 R3 board + USB cable	Arduino	4	3150	12600
31	Air compressor for VMC [10 bar]	RPM: 1000, Presser in PSIG 17, Mounting: F Tank- 150 Ltr, Starter Type: DOL, 3 HP Motor	P. Prabhudas Engg. Pvt. Ltd.	1	68500	68500
32	3d Printing Filament		Raiyaraj enterprise	1	1200	1200
33	Square Wood [4'' 3'']		Local Market	20	300	6000
34	Moulding Box		Local Market	1	3000	3000
35	Green Sand		Western Minerals	200 Kg	100	2000



Sr. No.	Name	Specification	Supplier / Brand	Quantity	Cost per item	Total Cost in Rs.
		step adjustable for different				
21	Hand held XRF Alloy Analyzer	4W X-ray tube <145 eV FWHM @ 5.95 keV Mn line Calibration sample 316 stainless steel Large area silicon drift detector	Lab India	1	1800000	1800000
22	UT [Ultrasonic testing]	Single ray pulse. Einstine-II	Gujarat Metco- ModSonic	1	175123	175123
23	MpT [Magnetic Particle testing]	440mm x 330mm x 125 mm pole spacing: 0 to 200nm duty cycle: 50% on 5 minute Test process: Dry or wet	Gujarat Metco	1	18400	18400
24	LPT [Liquid pentrant testing]	3 bottle [cleaner pentrant and devloper]	Gujarat Metco	1	900	900
25	Digital Vernier Calipar	0-150 mm	Marck Instruments	1	3360	3360
26	Digital Micrometer	0-25 mm	Marck Instruments	1	5670	5670
27	Digital Height gauge	0-300 mm	Marck Instruments	1	19110	19110
28	Plunger Type Dial gauge	0.01 mm	Marck Instruments	1	2415	2415
29	Digital Thermometer	Temp. measurement	Marck Instruments	1	1155	1155
30	Arduino Mega Processor	Mega 2560 R3 board + USB cable	Arduino	4	3150	12600
31	Air compressor for VMC [10 bar]	RPM: 1000, Presser in PSIG 17, Mounting: F Tank- 150 Ltr, Starter Type: DOL, 3 HP Motor	P. Prabhudas Engg. Pvt. Ltd.	1	68500	68500
32	3d Printing Filament		Raiyaraj enterprise	1	1200	1200
33	Square Wood [4'' 3'']		Local Market	20	300	6000
34	Moulding Box		Local Market	1	3000	3000
35	Green Sand		Western Minerals	200 Kg	100	2000



Sr. No.	Name	Specification	Supplier / Brand	Quantity	Cost per item	Total Cost in Rs.
36	Dry Sand		Western Minerals	50 Kg	100	1000
37	Dry silica sand [Resin coated]		Western Minerals	50 Kg	50	2500
38	Core-set oil		Western Minerals	10 Lr.	200	2000
39	3-part binder Garset-A [40 Kg] Garset-B [4 Kg] Garset-C[400 gm]		Shah brothers rajkot	45 Kg	150	6750
40	Sensor	For Data Acquisition system [Temperature humidity RPM]	Local supplier		50000	50000
41	Lm-6 Ingot		Local Market	10 Kg	250	2500
42	Miscellaneous	Foundry safety VMC tool Rammer other foundry material like plunger chaplet etc.	Local Market		50000	50000
43	Desktop PC	Lenovo (C 40-30) All in One Desktop (Core i5 3rd Generation/1 TB/4 GB/21.5 inch screen/Windows 8.1)	Lenovo	20	46261	925220
44	Laptop	Lenovo- 500 14 Intel Core i5 Processor (6th Gen) 4 GB DDR3 RAM 64 bit Windows 10 Operating System 1 TB HDD 14 inch Touchscreen Display	Lenovo	2	57000	114000
45	Printer	Canon imageCLASS MF621Cn 3 in 1 Color Print-Copy & Scan 600 x 600dpi	Canon	1	43999	43999



Cost of Furniture & Fixture :

Sr. No.	Name	Description	Supplier / Brand	Quantity	Cost per item	Total Cost in Rs.
1	Classroom & Lab furniture	Customize Table Chair Partition work etc.	local	Labor cost with material	300000	300000
Grand Total Cost						300000

Cost of Electrification :

Sr. No.	Description	Quantity	Cost per item	Total Cost in Rs.
1	Computer lab and Foundry lab (Metal Casting) wiring (material with labor cost)	600 sq. ft.	170 per sq. ft.	102000
2	Earthing	1	8000	8000
3	Air conditioner for computer lab & Foundry Lab	6	30890	185340
Grand Total Cost				295340



Proposed Course Details:

Sr No	Name of Subject	Duration of course In Hrs.	Batches per year	No of Trainees per batch	Fees per trainee in Rs.	Certification	Min. Qualification/ Age
1	Rapid Casting: (Tooling; Methoding; Automation & Simulation)	126	4	20	15000	GTU/ Marwadi University	12 th & ITI /18
2	Rapid Tooling in Metal Casting	42	3	20	5000	GTU/ Marwadi University	12 th & ITI /18
3	Rapid Methoding in Casting	42	3	20	5000	GTU/ Marwadi University	12 th & ITI /18
4	Rapid Casting – Automation & Simulation	42	5	20	5000	GTU/ Marwadi University	12 th & ITI /18
5	Inspection & Quality Control in Metal Casting	42	5	20	5000	GTU/ Marwadi University	Diploma/18
6	*Need based customized courses as per industry requirement	42 to 126	7	20	5000 to 15000	Marwadi University	8 th pass, min 5 year exp./18

*Course Curriculum will be prepare/modified as per the demand of industry.



**Gujarat Industrial Policy, 2015
Scheme for Enhancement of Technical
Competence and Manpower.**

Government of Gujarat
Industries & Mines Department
Resolution No. CED-112015-24553-I
New Sachivalaya, Gandhinagar
Dated : 1.4..2015

Read:

1. Gujarat New Industrial Policy, 2015
2. G.R. No. CED-112006-606-I dated 25.01.2008
3. G.R. No. CED-112007/2081(1)/I dated 27.02.2009
4. G.R. No. CED-112007-2081(1)-I dated 23.08.2010

Preamble

The Honorable Prime Minister has stressed on increasing production, export and to generate productive employment for the youth. In order to keep the pace with changing environment, technology and innovation a need is felt to enhance technical skill and to scale up in partnership with the industry.

Gujarat is known for its enterprise and symbolizes the growth engine of India. Government of Gujarat has undertaken speedy reforms and continues to intensify steps to accelerate growth, with the establishment of GIDC Industrial Estates/ Industrial Parks, Special Economic Zones and by strengthening existing Industrial Clusters across the State. This has generated vast scope for employment of technically competent and industries responsive manpower at various levels.

Though the State has over the years attracted large volumes of investment the availability of suitable and required manpower has been lagging. Despite large requirement of manpower on the one hand and institutional arrangements for equipping/ skilling on the other, there has been a qualitative demand-supply mismatch resulting in shortage in the industries with simultaneous unemployment/ underemployment.

A need is also felt to impart short term bridge courses to improve employability of existing degree and diploma holder from ITIs, Polytechnics and Engineering Colleges to fulfill the need of industries and the working place. As a result with the training of skill candidates are expected to be more & more industry responsive and readily employable. In addition to upskilling of existing operator approach is also made for upskilling of supervisor and executive technician as an ongoing process to match with changing requirement of Industry and Business.

Gujarat Industrial Policy has laid an emphasis on the need to create industry responsive & readily employable manpower in various segments. In order to take this initiative further, keeping the pace with the changing technology and overall Industrial Environment, the State Government also intends to enhance skill of existing manpower, trainers and faculty members of institutions with an active participation from industries.



Resolution

In view of the strategy under New Industrial Policy the Government is pleased to introduce a "Scheme for Enhancement of Technical Competence and Manpower" which will come into force from the date 1.1.2015 and will remain in operation for a period of five year.

1.0 Definition

1. **Anchor Institute:** Anchor Institute means the University/Institutes or a specific department having its specific sectorial specialization or ability to mentor over all Skill Development activities.

Anchor Institute will be responsible to train the high level trainers and faculty members in those respective areas of specialization including course curriculum development.

In each **focus /identified specialized sector**, there could be only one to function as Anchor Institute.

2. **Nodal Institute:** Nodal Institute means the institute responsible to train second level trainers & supervisors/ instructor/ faculty members under the control of respective Anchor Institute. Anchor Institute will select Nodal Institute among the ITIs/Polytechnic/Engineering or equivalent Institutes, having specific sector specialization, required to function as per the guidelines of Anchor Institute.
3. **Host Institute:** Existing ITIs/ Polytechnics/ Engineering colleges/ Government Affiliated Institutions/ Center affiliated by any Recognized Universities/ Center Promoted by Trust or Industries/ Universities/School identified for running need based specific training courses
4. **Capital Expenditure:** Means cost incurred to acquire or upgrades fixed assets such as building refurbishing/renovating, equipment's and machinery including installation cost, electrification, furniture and other related investment except cost of land.
5. **Operating Expenditure:** Means any recurring cost incurred on training, maintenance of assets, and remuneration to staff of anchor cell, honorarium to the experts, related consumables and other administrative expenses as approved by the Committee.

2.0 Scheme -1: Financial Assistance for setting up of Anchor Institute

- 2.1 The scheme will be known as a "Scheme of financial assistance for setting up Anchor Institute"

2.2 Selection Criteria for Anchor Institute

The State Level Implementation Committee will select a University or Government/ Government Approved/ Affiliated /Recognized Educational Institutions established and operating in Gujarat as an Anchor Institute for specific focus sectors like Biotechnology, Marine, Mining, Agribusiness, Ship Building, Aerospace, Fisheries,



Technical & Industrial Textile, Auto Engineering and other sectors as specified by the Committee.

2.3 Role & Functions of Anchor Institute

- (i) Anchor Institute will provide technical support to the technical educational institutions in the sector across shop floor, supervisory and managerial level for improvement of skill.
- (ii) To collect information on all the technical courses being offered in the State, considering need to upgrade and make it industry responsive.
- (iii) To study and suggest to Government for required changes in the curriculum in the technical courses with the changing need of industries.
- (iv) To organize training programmes for faculty development and training for trainers.
- (v) To benchmark the courses offered by ITIs / Polytechnics and Engineering Colleges or Equivalent Institution with international/ national standards.
- (vi) To select and coordinate with Nodal Institute.
- (vii) To continuously evolve new training programmes based on the need of the industries in the state and improvements/ changes/ modifications/ up gradation in the courses based on the industry feedback.
- (viii) To arrange faculty/ speakers from the institutes, industries and professionals for the training programmes.
- (ix) To encourage the faculties for undertaking R&D and consultancy with the specific focus on skill development.

2.4 Procedure and modalities

- (i) The Anchor Institute will set up an exclusive cell for the purpose and will engage full time employees as per requirements as approved by the Committee. The cell will act as a nucleation center for training programmes in the respective sectors in the entire state.
- (ii) The Anchor Institute shall submit a proposal with comprehensive schedule of implementation of the entire programme including the details of training courses to be run by the Nodal Institute.
- (iii) The Anchor Institute in its proposal will submit the yearly projection of number of trainees in different courses proposed by them.
- (iv) The State Level Implementation Committee will approve the programmes to be implemented and budget requirement of Anchor/Nodal Institutes.
- (v) The representatives of industries shall be actively involved by selected Anchor Institute for preparing the course material.

2.5 Selection of Nodal Institute by Anchor Institute

Anchor Institute may identify one or more Nodal Institutes (not more than five such institutes) among the degree/ diploma/ ITI institute for performing its tasks in the respective regions as per requirements of that sector considering criteria as mentioned below, however the Anchor Institute shall be ultimately responsible for quality of outcome. Nodal institution will be funded by Anchor Institution from the assistance available under this scheme.



- (i) Intake capacity, number of students passed out, placement ratio.
- (ii) Availability of existing infrastructure and approach of the management of the Institution.
- (iii) Presence of industries in the surrounding areas.
- (iv) Existing training resources in terms of faculties and training materials, equipment and library.

2.6 Quantum of Assistance

Financial assistance both for capital and operating expenses to Anchor Institute shall be maximum up to Rs. 10 crores during the operative period of 5 years:

2.6.1 Capital Expenditure Support

The institutes will be provided financial support for capital expenditure maximum up to Rs. 5 Crores out of total assistance of Rs. 10 crores during operating period.

- (i) 100% Cost of machinery/ equipment and infrastructure required for setting up of Anchor and Nodal Institute will be eligible, except for land cost.
- (ii) Cost of new building or internal refurbishing of the existing building premises dedicated for the Anchor/Nodal Institute will be eligible for financial support maximum up to 25% of capital expenditure.
- (iii) Any overhead expenditure booked under capital expenditure head by the Anchor Institution will not be eligible.
- (iv) Contingency expenditure maximum up to 3% of capital expenditure will be eligible.
- (v) Reasonable amount of pre-project expenses, to the extent of up to Rs. 2 lakhs, will be considered as eligible expenditure in addition to the contingency.

2.6.2 Operating Expenditure Support

The institutes will be provided financial support for operating expenditure maximum up to Rs. 5 Crores out of total eligible financial assistance of Rs. 10 crores during operating period.

- (i) 100 % financial support towards operating expenses to Anchor and Nodal Institutes will be eligible.
- (ii) Administrative expenditure (for staff salaries) limited to 30% of the annual operating expenditure excluding external faculty honorarium will be eligible.
- (iii) The cost of office consumables, communication expenses, travelling and dearness allowance of the faculty for the programme will be approved as a part of the operating expenditure limited to 10% of annual operating expenditure.
- (iv) Training center can be used as a service centers for Industry Clusters and Industries for the maximum utilization of infrastructure & machinery creating a revenue generation model and self-sustainability.
- (v) Honorarium to faculty members or outside experts will be paid on actual basis.
- (vi) Contingency, maximum up to 3% of operating expenditure will be eligible.

Bhm

2.6.3 Existing Anchor Institute

- (i) Financial support towards both capital and operating expenditure incurred after the announcement of the scheme will be given to existing Anchor Institute @ 100% for the period of one year.
- (ii) The support will be within the overall limit of Rs.10 crores per institution which include the amount paid & allotted to them in previous scheme.

2.6.4 Other Conditions

- (i) The Anchor institute shall submit the progress report on completion of every six months to the State Level Implementation Committee. The financial assistance will be provided/ released as per the progress of the project.
- (ii) The performance of the Anchor Institute shall be reviewed by State Level Implementation Committee on regular basis.
- (iii) The Anchor and Nodal Institute shall have to be in operation for the minimum period of 10 years from the first disbursement.
- (iv) Batch size should be of minimum of 10 trainees and duration of courses should not be less than a week and/or 40 hrs.

3.0 Scheme - 2: Short-term Bridge Courses by Industries/Institute

3.1 The Scheme will be known as a "Scheme of financial assistance for running Short-term Bridge Courses".

3.2 Eligibility

Need base specific training courses or course specified by National Skill Development Corporation/NCVT/ GCVT/ Sector Skill Council, and/or others could be introduced in the existing ITIs/ Polytechnics/ Engineering colleges/ Government Affiliated Institutions/ Center affiliated by any Recognized Universities/ Center Promoted by Trust or Industries/ Universities/School (host institute) in association with Industries/Industries Association or any other legal entity (referred as Industry Partner) which are registered under Societies Act, Trust Act or Companies Act by constituting Institutional Management Committee (IMC).

3.3 Quantum of Assistance

- (i) Industry partner will assess the facilities available with Host institute with respect to requirement for Specific training course proposed and prepare a proposal for additional facilities required at Host Institute level and submit the proposal to Industries commissionerate/ The Centre for Entrepreneurship Development for further approval.
- (ii) The cost of machinery & equipment including classroom furniture & fixture and refurbishing of building up to 75%, of the total fixed cost limited up to Rs. 100 lakhs, will be provided as a financial assistance to the project and the balance cost shall be borne by Industry Partner. However, any contribution eligible



under any scheme of Directorate/Commissionerate of Technical Education or Directorate/Commissionerate of Employment and Training will be treated as financial assistance under this scheme.

- (iii) Refurbishing of the existing building premises dedicated for the specific training courses will be eligible for financial support limited to 20% of project cost and maximum up to Rs. 20 lakhs.
- (iv) Assistance for Recurring cost like remuneration to external and internal faculties, raw material/training material, tools, other consumables, electricity bill, stationary cost and other administrative expenses as approved by Institutional Management Committee (IMC) will be provided as per procedure in para (V).
- (v) Net Recurring cost means balance of total recurring expenditure incurred minus course fee received. 75% of net Recurring cost will be reimbursed to the Industry partner as a financial assistance and balance expenses shall be borne by Industry partner.

3.4 Institutional Management Committee (IMC)

Institutional Management Committee will be formed by incorporating officials from Directorate of Employment & Training or Directorate of Technical Education or Industries Commissionerate or University or Education Department, Industry Partner, The Centre for Entrepreneurship Development and Expert to run and supervise overall effectiveness of the center.

3.4.1 Role of Institutional Management Committee

- (i) To decide on the requirements of equipment and training facilities and procure the assets.
- (ii) To decide and finalize the course content.
- (iii) To determine the fee structure for the course for participant other than sponsored by Industry partner.
- (iv) To appoint the training coordinator.
- (v) To select external and internal faculties and decide their remuneration.
- (vi) To brand and promote the objectives of the center as deemed fit.
- (vii) To review the progress.

3.4.2 Role of the Host Institute

The role of the Host Institute is to provide all appropriate infrastructure and environment to run training activity. On completion of operative period of 5 years from commencing the training programme, the assets acquired for such training course will automatically be transferred to the Host Institute.

3.4.3 Role of Industry Partner

- (i) To open separate Bank account for this purpose.
- (ii) To contribute minimum 25% of the cost of machinery & equipment including classroom furniture & fixture and cost of refurbishing of building.
- (iii) To contribute minimum 25% of the net recurring cost.
- (iv) To maintain separate accounts for receipts and expenditure.



- (v) Industry Partner shall have to sponsor trainee's minimum of 25% intake capacity of course and provide employment at least 75% of its sponsored trainees.
- (vi) Industry Partner shall have to train the faculty of the Host Institution for capacity building.
- (vii) Industry Partner shall have to facilitate for implant practical training to the trainees.
- (viii) Industry Partner shall have to carry out 3rd Party Skill Assessment on completion of the course through Empanelled body/Experts under National Skill Development Corporation/NCVT/GCVT/Sector Skill Council and others National & International Body as approved by SLIC.

3.5 Other Conditions

- (i) Center should be commenced during the operative period of scheme and continue its operations at least for 5 years from its commencement.
- (ii) Training center can be used as a service centers for Industry Clusters and Industries for the maximum utilization of infrastructure & machinery creating a revenue generation model and self-sustainability.

4.0 Scheme - 3: Specialized Skill Development Centers

4.1 The scheme will be known as a "Scheme of financial assistance for setting up of Specialized Skill Development Centers at Industry".

4.2 Specialized Skill Development Areas

Assistance will be provided to Industries for specialized training centers in areas like marine engineering, mining, specialized pipe laying, aerospace, defense production, Automobiles, solar and other non-conventional energy and such other advance/ specialized technologies and management areas as may be decided by the State Level Implementation Committee.

4.3 Quantum of Assistance

- (i) The assistance to the extent of 50% of the project cost, maximum of upto Rs. 2 crore, covering construction of new building or refurbishing of existing building, equipment and machinery including installation cost, electrification, furniture and other related investment, except for land cost, will be provided.
- (ii) In case of new construction/ refurbishing of existing building, maximum 20% of project cost maximum upto Rs. 40 lakhs will be considered for financial support.
- (iii) Training center can be used as a service centers for Industry Clusters and Industries for the maximum utilization of infrastructure & machinery creating a revenue generation model and self-sustainability.

5.0 Scheme - 4: Skill Up-gradation Centers (SUCs)

5.1 The Scheme will be known as a "Scheme of financial assistance for setting up Skill Up-gradation Centers (SUCs) at GIDC Estates / Other registered Estates/ Industrial Parks/ SEZs / Investment Regions".

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5.2 Skill Up-gradation Centers (SUCs)/Training Center

- (i) Modern and well-equipped need based Skill Up-gradation Centers will be established at GIDC Estates / Other Registered Estates/ Industrial Parks/ SEZs / Investment Regions.
- (ii) Land and Building will be provided/ constructed by the respective GIDC Estates / Other Registered Estates /SPV of Industrial Park, SEZs, Investment Region.
- (iii) State Level Implementation Committee will empanel National Level Training Partners or Industry/Industries Association to run the SUCs.
- (iv) Overall functioning of the training will be monitored and assessed by respective GIDC Estates / Other Registered Estates/ Industrial Parks/ SEZs / Investment Regions or Industries Commissionerate/ The Centre for Entrepreneurship Development.
- (v) There will be a MoU between the relevant participating agencies.
- (vi) In order to monitor overall activities, there will be separate Advisory Committee at local level for each center.

5.3 Quantum of Assistance

- (i) Support for acquisition of machinery/equipment/ tools/ furniture & fixtures costing upto Rs. 1 crore will be extended to each SUC in the following manner.
 - a) 100% for GIDC Estates or Other Registered Estates.
 - b) 75% for Industrial Parks/ SEZs/ Special Investment Regions.
 - c) The machinery & equipment/tools/ furniture & fixtures will be purchased by the CED from Industries Commissionerate and supplied to SUCs. The cost of transportation/ erection/ electrification etc., will be provided by the CED.
 - d) Procurement of machinery & equipment/tools/ furniture & fixtures costing below Rs. 1 lakh per course will be reimbursed to the training partner subject to the prior approval of Technical Committee is taken.
- (ii) Training center can be used as a service centers for Industry Clusters and Industries for the maximum utilization of infrastructure & machinery creating a revenue generation model and self-sustainability.

6.0 Scheme - 5: Skill Development to MSME Sector

6.1 The scheme will be known as a "Scheme of financial assistance for Skill Development to MSME sector".

6.2 Eligibility

Any MSME shall sponsor candidate for up skilling skill development from its work force or fresh candidate for its requirement. The assistance for the course fee up to Rs. 10,000/- will be reimbursed to training partner/ organization.

6.3 Quantum of Assistance

100% of course fees, maximum up to Rs. 10,000/- per person for a one week or for more duration of skill up gradation for MSMEs in a training programme conducted in

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institutions recommended by an Anchor Institute or as per existing provision in force in MES/NCVT/GCVT/Sector Skill Council etc. in specific sector.

Third party skill assessment of trainees after completion of course is compulsory for training partner/ organization for reimbursement of course fees.

7.0 Scheme - 6: Supports for setting up Gems & Jewellery Training Center/Institute

7.1 The scheme will be known as a "Scheme of financial assistance to Support for setting up Gems & Jewellery Training Center/Institute".

7.2 Training Institute

Institute means a National or State Level Institutes imparting training in Gems & Jewellery Sector like Indian Diamond Institute, National Institute of Design, National Institute of Fashion Technology, or any Industrial Promotional Board/Council like Gems and Jewellery Export Promotion Council etc.

7.3 Training Centre

Training Center means center set up by institute to provide training to Gems & Jewellery operator, supervisor and executive. Training Center should be set up at Ahmedabad, Rajkot, Bhavnagar, Surat or any other place approved by SLIC.

7.4 Quantum of Assistance

- (i) 100% financial assistance will be provided for capital expenditure based on project approved by State Level Implementation Committee.
- (ii) In case center is set up in rental premises, the actual rent only of hired building will be eligible for the assistance for the period of 3 Years. Actual rent means excluding all recurring cost like maintenance charge, electric charge etc.
- (iii) Training center can be used as a service centers for Industry Clusters and Industries for the maximum utilization of infrastructure & machinery creating a revenue generation model and self-sustainability.

8.0 Scheme – 7: Assistance for Tuition fees for Enhancement of Skill.

8.1 The Scheme will be known as "Scheme of financial assistance for Tuition fees for Enhancement of Skill".

8.2 Eligible Institution

University/Engineering Colleges/Polytechnics/ITIs/School/Government affiliated Institutions/Recognized Centers/Industries/Industries Associations/Any other legal entity registered under the Societies' Act, Trust Act or Companies Act etc.

8.3 Eligibility Criteria

- (i) The institution shall have to provide industry responsive training as per the need.



- (ii) The institution must have sufficient experience in the field of skill development/respective industry.

8.2 Quantum of Assistance

Financial assistance, shall be given for per training programme per candidate as under:

1. Rs. Up to 15,000/- for 121 hrs & above training duration
2. Rs. Up to 10,000/- for 61 to 120 hrs training duration
3. Rs. Up to 5,000/- for 40 to 60 hrs training duration
 - a. 100% in case of BPL, Physically Handicapped, SC, ST, SEBC and Women.
 - b. 75% for other candidates

8.3 Conditions

- (i) Duration of the training courses should be maximum period of six months or as specified by National/State bodies like National Skill Development Corporation/NCVT/GCVT/Sector Skill Council etc. , time to time.
- (ii) Batch size should be of minimum 10 trainees.
- (iii) Training Institutes shall submit annual plan of training programs for approval before beginning of the year.
- (iv) Prior approval of Industries Commissionerate/The Centre for Entrepreneurship Development, the implementing institute for batch commencement along with enrolment of trainees should be taken.
- (v) The support will be available to the institutes duly approved by SLIC.
- (vi) This support will not be given to those trainees availing or availed any other similar support for the same course provided by Government or other Government bodies for same purpose.
- (vii) Focus for such training will be more on shop floor activities along with soft skill related to core activity.
- (viii) Reimbursement of fees will be approved only after successfully skill assessment by authorized assessment body and placement/self-employment criteria of 60% of total trainees trained. A placement criterion is excluded in case of up skilling for existing employees.
- (ix) Training imparted, without taking prior approval as per (iii) & (iv) above, will not be considered for any assistance.

9.0 Other Support

- (i) For awareness programme/seminar support maximum of Rs. 1,00,000/- will be provided in each training center in a year approved by SLIC with prior approval from Industries Commissionerate/The Centre for Entrepreneurship Development.
- (ii) SLIC can approve the expenditure on any study, renovation/refurbishing of existing skill centers/institute, remuneration to third party evaluation of scheme, monitoring/audit expenses, assessment agency etc..
- (iii) Trainees after completing of training for skill up gradation under any of the above schemes will be eligible for reimbursement the Gujarat State Road Transport Corporation Bus passes to and fro from residence, as stated below on submission of documents:



- a) 100% in case of BPL, Physically Handicapped, SC, ST, SEBC and Women
- b) 75% other candidates

10.0 Approval Procedure

10.1 Screening Committee

- (i) The application for assistance under the scheme will be received by CED for onward submission to the Screening Committee.
- (ii) A Committee consisting of following members will scrutinize and appraise the proposals for feasibility and will submit its recommendations to the State Level Implementation Committee (SLIC) for consideration.

Director, Centre for Entrepreneurship Development (CED)	Chairman
Joint Director, Directorate of Employment & Training (DET)	Member
Joint Director, Directorate of Technical Education (DTE)	Member
Joint /Dy. Industries Commissioner, Industries Commissionerate	Member
General Manager, Gujarat Livelihood Promotion Company Ltd.	Member
GM/OSD from iNDEXTb	Member
Jt. CEO, Gujarat Knowledge Society	Member
Expert/s nominated by SLIC	Member
Project Executive, Centre for Entrepreneurship Development (CED)	Convener

- (iii) The Screening Committee may also invite outside experts as and when necessary to screen and appraise the proposals.

10.2 State Level Implementation Committee (SLIC)

- (i) A Committee of following members is constituted for approval/proposed sanction of assistance, and any other related approvals regulated to implementation of the scheme.

Industries Commissioner	Chairman
VC & MD/ Executive Director, GIDC	Member
Joint Secretary/ Dy. Secretary, Finance Department	Member
Director, Directorate of Employment & Training (DET)	Member
Director, Directorate of Technical Education (DTE)	Member
CEO, Gujarat Knowledge Society	Member
MD, Gujarat Livelihood Promotion Company Ltd.	Member
MD, Gujarat Skill Development Mission	Member
Expert with specialized knowledge in Skill Development	Member
Director, Centre for Entrepreneurship Development	Member Secretary

[Handwritten Signature]

A. The State Level Implementation Committee may decide to avail the consultancy services of any national level expert institutes/expert/ renowned personality with relevant expertise for effective implementation of the projects and may decide to pay professional fees of up to 5% of the total project cost.

(i) Expert Institutes/Experts will act as consultant of the SLIC for guiding, supervising and monitoring of all the schemes.

(ii) The role of Expert Institutes/Experts would be as under:

(a) The Expert Institute/Expert will provide technical support to the SLIC for selecting the Anchor Institutes and for overseeing the implementation after such selection.

(b) It will help in benchmarking the proposed curricula in various sectors at all levels i.e. degree, diploma and ITI level.

(c) It will also help in benchmarking the required infrastructure at all the three levels in various sectors.

(d) It will assist in finalizing the work plan and implementation schedule and in its timely execution.

(e) It will provide such other support as may be required by the SLIC for implementation of the schemes under this resolution.

(f) Any other terms laid by the Committee.

B. Any dispute/ interpretation issues under the schemes will be referred to the State Level Implementation Committee and the decision on such issues of SLIC will be final and binding to all.

11.0 The Centre for Entrepreneurship Development on behalf of Industries Commissionerate, Government of Gujarat will function as a Nodal Agency for implementation of this project.

The Centre for Entrepreneurship Development is also responsible to review the progress of overall activities from time to time on behalf of Industries Commissionerate for onward submission to Government. Administrative & manpower expenses, for this purpose, will be decided and approved by SLIC from time to time.

12.0 Expenditure

The expenditure on this account will be met from the sanctioned grant of the respective financial year under the following budget head:

Demand No.	: 49
Major Head	: 2852- Industries
Sub- Major Head	: (800) Other Expenditure (23)
Minor Head	: IND -4
Sub Head	: Assistance to Institute for Industrial Development (31)
Item no.	: Grant in Aid (02) (Plan)

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This issues with the concurrence of Finance Department vide note dated 10.2.2015 on this departments file of even number.

By order and in the name of Governor of Gujarat.

B. S. Mehta
(B.S.Mehta)
Deputy Secretary
Industries and Mines Department

Copy:

1. Secretary to HE. Governor*
2. Principal Secretary to Hon. CM*
3. Advisor to CM
4. Personal Secretary to all Hon. Ministers
5. Under Secretary to the Chief Secretary
6. Principal Secretary, Finance Department
7. Industries Commissioner
8. Commercial Tax Commissioner, Ahmedabad
9. Managing Director iNDEXTb
10. All Boards & Corporations of I & M Dept.
11. Accountant General Ahmedabad/Rajkot*
12. All Officers of I & M Dept.
13. All Branches of I & M Dept.
14. Select file

B.S.M.

NVIDIA-BENNETT RESEARCH CENTRE FOR ARTIFICIAL INTELLIGENCE



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Prof. Deepak Garg

Head : NVIDIA-Bennett Research Centre for Artificial Intelligence

www.gdeepak.com

Date : 02-04-2018

Dear Prof. R.B. Jadeja
Dean, Faculty of Engineering, Marwadi University, Rajkot, Gujarat (India)

It is my pleasure to inform that Royal Academy of Engineering, UK has sanctioned a project titled *"Making Deep Learning and AI skills mainstream in India to fulfil trilateral needs of entrepreneurship, Industry-academia partnership and application-inspired Engineering Research"* worth £ 3,39,000 GBP. The project start date is 02 April, 2018 and end date is 30 April, 2020.

University College London and Brunel University are our UK partners. NVIDIA, Videoken, Edvantics and AWS Educate unit of Amazon are our Industry Partners.

As per the project structure there are Zonal Partners spread across different states of India, who will be lead institution for 10 more institutions in their surrounding geographical area. As part of this Initiative a five member research group on AI will be established with planned and defined outcomes.

We appreciate the letter of support given by your institution. The obligations and benefits of each Zonal partner are being circulated in a separate sheet.

This document notifies your institution as a Zonal Partner and Prof. R.B. Jadeja as Lead Contact from your institution.

Any change in Lead Contact should be duly informed. Any defaulting behaviour on key aspects of the projects may lead to the cancellation of Zonal Partner status.

We are continuously trying to further upscale the project in terms of funding, partners and resources. Your continuous involvement will be key to making this project as a key milestone in Artificial Intelligence Revolution in India and also enable your institution to excel.

With sincere regards

A handwritten signature in blue ink that reads "Deepak Garg".

Prof. Deepak Garg