

ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION
APSSDC – SIEMENS PROJECT



SIEMENS
Ingenuity for life

MEMORANDUM OF UNDERSTANDING (MOU)

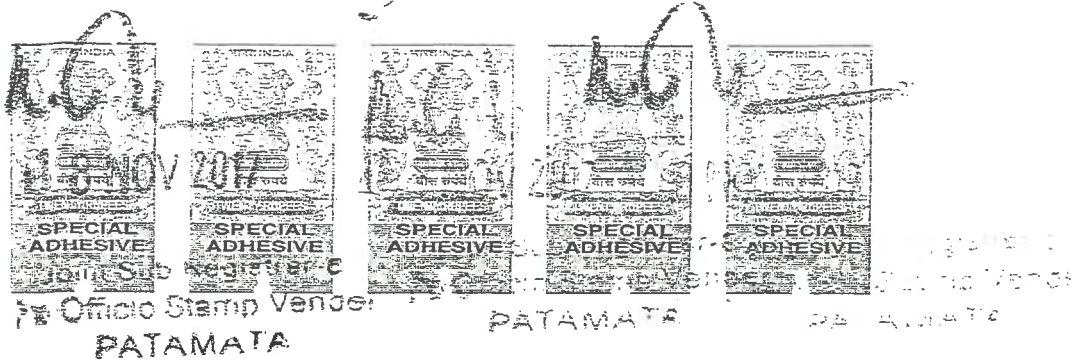
BETWEEN

ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION

AND

**GODAVARI INSTITUTE OF ENGINEERING
AND TECHNOLOGY - RAJAHMUNDRY**

Skill Development, Entrepreneurship
& Innovation Department (SDE&I. Dept.)
Government of Andhra Pradesh
Amaravati



AGREEMENT BETWEEN

**ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION
VIJAYAWADA**

AND

Godavari Institute of Engineering and Technology

**NH - 16, Chaitanya Knowledge City, Rajahmundry - 533296 , East
Godavari District**



The Agreement is executed on this _____ day of _____ 2017 (Effective Date) by and between,

ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION, having its corporate office at 2nd Floor, NTR Administrative Block, PN Bus Station, Vijayawada - 520 013 herein after called the "APSSDC" (which expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successors and assigns) represented by the **M.D &CEO** of the first part;

And

Godavari Institute of Engineering and Technology having its corporate office at NH - 16, Chaitanya Knowledge City, Rajahmundry - 533296 , East Godavari District herein after called "GIET, Rajahmundry" (which expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successors and assigns) represented by the **CHAIRMAN** of the second part;

APSSDC and GIET, Rajahmundry shall herein after be collectively referred to as Parties and individually as first/second Party.

WHEREAS:

The new state of Andhra Pradesh has come into existence after bifurcation of the erstwhile combined state of Andhra Pradesh in June-2014. In the process of fulfilling its commitment for formation of a Modern State, the State has initiated its endeavors, primarily on infrastructure building and rapid industrialization. To support this initiative, Government of Andhra Pradesh (GoAP) has identified manufacturing as a key area and is establishing clusters to nurture growth in vital sectors like Auto and Electronics by setting-up industrial corridors, Special Economic Zones (SEZs) etc,. The immediate necessity for Industrialization is the manpower development. In the process of industrialization and infrastructure building, it is obligatory on the part of GoAP to simultaneously develop a large pool of skilled manpower to cater the needs of the industry and service sectors. In this endeavor, the State has earnestly decided to address the skill shortage which is much projected by the user Industry. The initiative of State-wide high priority for skill development shall also ensure up-gradation of skills. The sectors with largest manpower requirement in the coming



years will be Manufacturing, Construction, Hospitality, Banking, Financial Services and Insurance and Information Technology/IT enabled services.

Eventually, the Skill Development has occupied the key focus area of GoAP. The process of developing large pool of skilled manpower has been envisaged in partnership with industry to make the skill development mission more industry relevant and self-sustainable. In the process of achieving these goals, the GoAP has incorporated APSSDC as a special corporate which shall strive for the appropriate and demand driven Skill Development.

APSSDC in its several meetings have discussed and decided to achieve the goal of skill development with participative approach of the stakeholders' viz. the Government, Industry, academic institutions, youth and all other stakeholders. This participative approach will go a long way in accomplishing the task in economical, appropriate proportions with relevance in the shortest period. The APSSDC would provide the extra infrastructural and HR development requirements in selected academic institutions. In this process, the APSSDC has selected some of the leading Engineering Colleges/Govt. Polytechnics/Industry associated training institutions for providing the infrastructural facilities additionally required for running the Skill Development programs. The APSSDC has selected the institutions through a properly constituted high power committee as constituted in G.O.Ms.No.8, SDE&I (Skills) Dept., Dt. 05.10.2015 and issued order vide G.O.Ms.No.5, SDE&I (Skills) Dept., Dt.25.04.2016 given in Annexure-I.

The APSSDC and **GIET, Rajahmundry** which is selected for **technical Skill Development Institute (t-SDI)** have mutually discussed and agreed to enter into this agreement as detailed hereinafter.

NOW, THEREFORE, in consideration of the mutual promises contained herein and other good and valuable consideration, the receipt of which is hereby acknowledged, the parties agree as follows:

2.1 DEFINITIONS:

In this Agreement, the following expressions shall have the meaning stated herein:



"Agreement" shall mean this agreement executed between APSSDC and **GIET, Rajahmundry** and shall include any written modifications thereof and the schedules attached hereto.

"Applicable Law" shall mean all the laws national and international, enacted or brought into force as the case may be and enforced by the Gol or GoAP as the case may be, and the regulations and notifications made there under and judgments, decrees, injunctions, writs and orders of any court of record, as may be in force and effect.

"Centres of Excellence or CoE" shall mean multi-skill focused Centres of Excellence (CoE) at reputed Engineering College in Automotive, Aerospace & Defence, Manufacturing and Shipbuilding. These Centres of Excellence identified by APSSDC will be established, maintained and run by DesignTech in active collaboration and assistance from SISW, as per the terms of this Agreement.

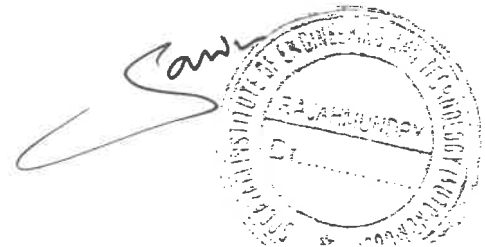
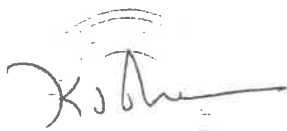
"Effective Date" shall mean the date mentioned at the beginning of this Agreement.

"GoAP" means the Government of Andhra Pradesh and any agency, authority (including any regulatory authority) department, inspectorate, ministry or statutory person (whether autonomous or not) (including any successor thereof) under the control and direction of the Government of Andhra Pradesh.

"Gol" means the Government of India and any of its duly authorised agency, authority, department, ministry or person (whether autonomous or not).

"Relevant Authorities" means the Gol or GoAP or any other regulatory authority appointed by Gol or GoAP having jurisdiction in relation to the subject matter of this Agreement under Applicable Law.

"Skill Building Centres" shall mean block or village level skill development centres connected with the COEs and t-SDIs over internet, where local students can access and learn out of the interactive digital courseware. Thereafter students come to a CoE or t-SDI to complete the practical sessions as necessary for the completion of the courses.



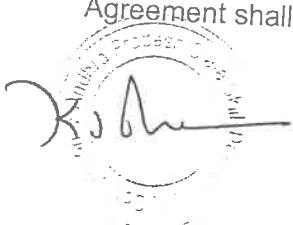
GIET, RAJAHMUNDRY
01

"t-SDI" shall mean technical-Skill Development Institutes that are focused on skilling students in technical vocational trades of Automotive, Electrical, Electronics, ICT, Manufacturing and Fabrication.

2.2 INTERPRETATION

In this Agreement, unless the context otherwise requires:

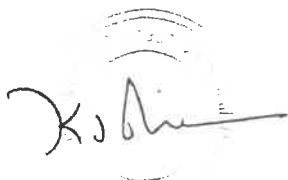
- a. Unless the context otherwise requires, a reference to the singular shall include a reference to the plural and vice-versa;
- b. Heading and bold typeface are inserted for convenience of reference only and shall not affect the meaning or construction of this Agreement;
- c. The words "include" or "including" shall be deemed to be qualified by a reference to 'without limitation';
- d. References to this Agreement or to any other agreement, deed or other instrument shall be construed as a reference to such agreement, deed, or other instrument as the same may from time to time be amended, varied or supplemented;
- e. A reference to a Clause or schedule is, unless indicated to the contrary, a reference to a clause or schedule of this Agreement;
- f. Words denoting a person shall include an individual, corporation, company, partnership, trust or other entity;
- g. References to dates and times shall be construed to be references to Indian dates and time;
- h. References to the word "days" shall, unless otherwise indicated, mean calendar days;
- i. The Annexures to this Agreement shall form an integral part of this Agreement and shall be read along with this Agreement;
- j. In addition to terms defined in Clause 2.1, certain other capitalized terms are defined elsewhere in this Agreement and whenever such terms are used in this Agreement, they shall have their respective defined meanings, unless the context expressly or by necessary implication otherwise requires;
- k. In the event of any inconsistency between the main body of this Agreement and an Annexure/ Schedule hereto, the provisions of the main body of this Agreement shall prevail;



- l. The terms and provisions of this Agreement, and the respective rights and obligations of the Parties under this Agreement, shall be binding upon, and inure to the benefit of, their respective successors and permitted assigns;
- m. The terms and provisions of this Agreement, and the respective rights and obligations of the Parties under this Agreement, shall be binding upon, and inure to the benefit of, their respective successors and permitted assigns, and
- n. In the event of conflict between translated version of this Agreement executed in vernacular language and English version, the English version of the Agreement shall prevail as to its interpretation.

3. SCOPE OF SERVICES / PROJECT

- a. To make qualitative improvements in imparting Technical Education by setting up or providing:
 - infrastructure in college laboratories by adopting latest technologies in engineering design, manufacturing, analysis and management to serve the needs of all the industrial units;
 - Skill up-gradation of faculty by imparting training;
 - Update course curriculum to suit modern industrial practices;
 - Promote Research & Development and Innovation for existing Industries.
 - Centers of Excellence, Technical Skill Development Institutes, and Skill Building Centers to focus on training students in line with the latest Industry needs and make them more employable
- b. Promote Industry – Academia interfacing to make improvements in Technical Education System sustainable and in line with Industry requirements.
- c. Train students to improve employability - Improved placements of students in colleges and enable the students to compete in national employment market with better remuneration and professional growth.
- d. Enhance the reputation of Technical Institutions with improved academic ambience and State of Art facilities
- e. Create a pool of skilled manpower to cater to the current and future industrial and service sector needs;



4. OBLIGATIONS OF THE FIRST PARTY

The APSSDC shall

- Select reputed academic/Industrial Training Institutions through a procedure
- Provide a system for registration of trainees online and mapping of institutions and students in case of 50% of intake capacity allotted for outsiders
- Provide equipment with latest technology to fill up the gap required to suit the skill development training requirements
- Train the faculty in the required skill
- Identify and provide course curriculum to suit modern industrial practices
- Promote Research & Development and Innovation for existing Industries
- To get the evaluation done by third party of the Skill Development programs for assessing the impact with respect to quality and quantitative placements
- Exercise its right to cancel the permission now granted to the institutions in the event of not fulfilling their obligations.

5. OBLIGATIONS OF THE SECOND PARTY

The Academic institution/Industrial Training Institution shall provide and follow the guidelines presented:

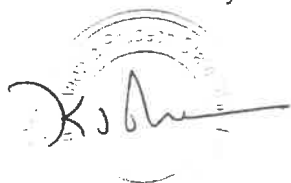
- the required area for setting up of the labs as per the specifications mentioned in Annexure-II,
- the necessary infrastructure as per the project specifications outlined in their proposal, including electricity, water, plumbing/ pneumatic piping, furniture and fixtures
- adequate security
- internet connectivity of required bandwidth
- equipment for training of identified trainers of the college/institution
- Training courses in collaboration with the industrial partners for first two years and with their handholding for third year and later to conduct the programs without support from industrial partners for next seven years.



- Maximum enrolment of their students for the APSSDC training programs within scope of this agreement.
- at least 50% of intake capacity to students of other colleges with residential facilities
- to follow the Guidelines and procedures prescribed/ as may be prescribed from time to time by the APSSDC for implementation
- to submit all reports and documents relating to progress of the CoEs / t-SDIs, Accounts, Audit, Procurement, Disbursement and Annual Work Plan, as specified at such frequency as may be required by 'THE FIRST PARTY'.
- 'THE FIRST PARTY' and 'THE SECOND PARTY' agree to accept the following Key Performance Indicators (KPIs):
 - Number of Skill Development programmes that are completed Vs Planned
 - Number of students with a Skill Development certificate Vs Planned
 - Number of students placed Vs Trained for Employability
 - Number of students enrolled for advanced Skill Development Programs Vs Planned
 - Revenue from Skill Development Programs Vs Revenue from other activities
- Institutions will face punitive action amounting to either exclusion from the Project and recovery of funds if any, provided to them till the date of their exclusion or curtailment of funding if found to be:
 - ❖ Charging capitation fee or indulging in any other malpractice
 - ❖ Provided false data in their reports
 - ❖ Unable to achieve targets set by APSSDC/themselves in Proposals consistently
 - ❖ Any non-compliance with the terms and conditions of this Agreement

6. SHARING OF REVENUES GENERATED

- ❖ Sharing of Revenue generated shall be as per the guidelines issued by APSSDC from time to time





7. MONITORING THE ACTIVITIES OF CoEs AND t-SDIs

The activities of CoEs and t-SDIs shall be regularly monitored through an IT monitoring system at state and institution level on a real time basis and also through the monitoring committee i.e. State Level Monitoring Committee at APSSDC and through the Local Board of Governors at the Institutional level.

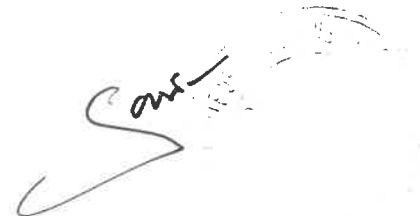
7.1 State Level monitoring of the CoEs and t-SDIs

The State Level Monitoring Committee shall consists of

1. CEO APSSDC - Chairman
2. One Director from APSSDC Governing Board as Member
3. One representative from a Siemens CoE hosting institution
4. One representative from a t-SDI hosting institution
5. One nominee from Siemens Industry Software Limited (SISW) or DesignTech.
6. One nominee from private Engineering colleges association
7. One nominee from Industrial association like CII, FICCI, ASSOCHAM, NASSCOM.

Functions of State Level Monitoring Committee:

- Shall monitor and review the functioning of CoEs and t-SDIs at State Level and recommend corrective steps
- Shall conduct the meetings quarterly and give advice and directions for the effective functioning of CoEs and t-SDIs
- Shall resolve all issues arising during the implementation and operation of the project
- Plan new courses and finalize generic offering schedules keeping in view of skill gap studies and emerging industrial needs
- Planning and finalizing the Training of Trainers (ToT) programs for faculty and mentors
- Setting targets



- Any other issues related to implementation of skill development programs

7.2 Local Board of Governance(BoG):

The BoG constituted by the selected institutions shall consists of

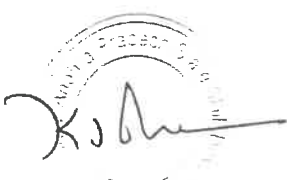
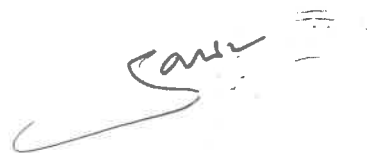
1. Principal/Director of hosting institute where CoE /t-SDI is installed
2. Concerned authority from each of the t-SDI institutions within the cluster in case of CoE. For t-SDI, concerned authority from CoE
3. APSSDC Representative
4. DesignTech Representative
5. Representatives of industry
6. Nominee of industries/labour department
7. Local Representative from Technical Education Dept.

Functions of Local Board of Governance:

- a. Shall oversee the implementation and operations of CoEs and t-SDIs
- b. Conduct review meeting once in a month with a thorough audit of facilities and program execution and communicate the minutes to State Level Committee
- c. Review the progress of training programs and send suggestions with respect to the existing and new programs to APSSDC
- d. Carryout promotional activities for local industry, unemployed youth and self-help groups.

8. BREACH OF AGREEMENT& REMEDIAL PERIOD

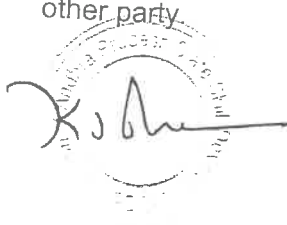
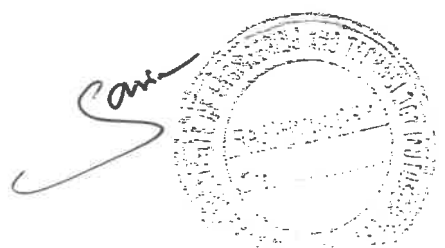
In case the GIET, Rajahmundry, commits breach of any condition as laid down in this Agreement, the state level approval committee and/or government shall bring the same to the notice of GIET, Rajahmundry. In case the breach is not rectified within 30 days from the date of notice, as per the terms and spirit of this Agreement, APSSDC/ GoAP is authorized to take over the technical Skill Development Institute (t-SDI) along with the assets of the project and other fixed assets, except other liabilities of promoters and their employees.

9. CONFIDENTIAL INFORMATION

The parties recognize that in the course of providing the software and performing the services pursuant to this Agreement, all parties may have access to confidential information and trade secrets belonging to the other and each Party desires that such confidential information and trade secrets remain confidential. Each party agrees that all confidential information and trade secrets communicated to the other in any manner (the "Confidential Information"), will be used by the recipient party only for the purposes allowed by this Agreement. The other party's Confidential Information will not be disclosed by the recipient party, other than to its employees. Each party will advise its employees and, shall sign confidential agreement with those who receive any of the other party's Confidential Information. The confidentiality provisions of this Section will not apply to any Confidential Information that (i) was or becomes generally available to the public other than as a result of disclosure by the recipient party in violation of this Agreement; (ii) becomes available to the recipient party from a source other than the other party, provided that the recipient party has no reason to believe that such source is itself bound by a confidentiality or nondisclosure agreement with the other party or otherwise prohibited from disclosing such Confidential Information by a legal, contractual or fiduciary obligation; (iii) was in the recipient party's possession prior to receipt from the other party; (iv) is independently developed by the recipient party without the use of the other party's Confidential Information; or (v) is required to be disclosed by the recipient party by a governmental agency or law, so long as the recipient party provides the other party with written notice of the required disclosure promptly upon receipt of notice of the required disclosure. Upon demand, the parties shall comply with each other's instructions regarding the disposition or return of the Confidential Information in its possession or control.

Upon any actual or threatened violation of this Section by either party, the other party will have the right, in addition to such other remedies which may be available to it, to seek injunctive relief enjoining such acts or attempts, it being acknowledged and agreed that monetary damages are inadequate to protect the other party.

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10. LIMITATION OF LIABILITY

Except as agreed and provided under this Agreement, neither of the Parties shall be liable to bear or pay any damages arising out of loss of income, loss of profit, special, incidental, indirect, punitive, exemplary or consequential, to any party including third parties, and all such damages are expressly disclaimed.

11. DISPUTE RESOLUTION

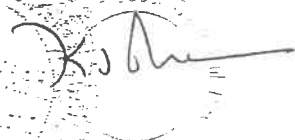
The Parties shall endeavor to resolve all or any dispute or difference arising out of or in connection with this Agreement, amicably within 30 days of notice in writing being issued by the non-defaulting party to the defaulting party indicating such dispute or difference. In case no amicable solution is arrived between the Parties within the said 30 days, then such dispute/s shall be settled through Arbitration as per the provisions of the Arbitration and Conciliation Act, 1996 as amended from time to time. In such event, APSSDC shall nominate one arbitrator and GIET, Rajahmundry shall jointly nominate one arbitrator and these two arbitrators shall choose the third arbitrator. The written award of the majority arbitrators shall be final and binding on all the Parties. The seat and venue for the arbitration proceedings shall be Vijayawada/Amaravati, Andhra Pradesh.

12. FORCE MAJEURE

If the performance of any part of this Agreement by parties is prevented or delayed by acts of civil or military authority, flood, fire, epidemic, war or riot, or other acts beyond the reasonable control of either party, the party affected shall be excused from such performance only during the continuance of any such event.

Where a Party is claiming suspension of its obligations on account of Force Majeure, it shall promptly, but in no case later than five (5) days after the occurrence of the event of Force Majeure, notify the other Party in writing giving full particulars of the Force Majeure, the estimated duration thereof, the obligations affected and the reasons for its suspension.

The Party asserting the claim of Force Majeure shall have the burden of proving that the circumstances constitute valid grounds of Force Majeure under this

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clause and that such Party has exercised reasonable diligence and efforts to remedy the cause of any alleged Force Majeure. If the parties are unable in good faith agree that a Force Majeure event has occurred, the Parties shall submit the dispute for resolution pursuant to clause 11 hereof provided that the burden of proof as to whether a Force Majeure event has occurred shall be upon the Party claiming a Force Majeure event.

13. SEVERABILITY

If any provision or provisions of this Agreement shall be held to be illegal, invalid or unenforceable, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired there by and the parties hereto agree to replace the illegal or unenforceable provisions with valid provisions which are as close as possible to the illegal or unenforceable provisions in their respective meaning, purpose, and commercial effect within reasonable time.

14. NOTICE

14.1. Any notice or other document to be given under this Agreement shall be in writing and shall be deemed to have been duly given if left at or sent by: -

- (a) hand; or
- (b) registered posts; or
- (c) facsimile or other electronic media;

to the other party at the following addresses and/or telecommunication number or such other addresses as the party may from time to time designate by written notice to the other(s):

APSSDC

**Andhra Pradesh State Skill Development
Corporation**

**2nd Floor, NTR Administrative Block, PN Bus
Station, Vijayawada - 520 013**



College/ Institution Godavari Institute of Engineering and Technology
NH - 16, Chaitanya Knowledge City, Rajahmundry
- 533296 , East Godavari District

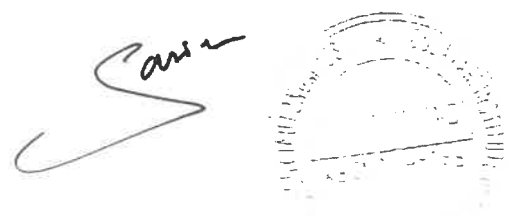
14.2. All such notices and documents shall be in the English language. All notices or other documents shall be deemed to have been received by the addressee in the case of despatch by post, five (5) working days following the date of despatch of the notice or document and in the case of despatch by hand or by facsimile or other electronic media, simultaneously with the delivery or transmission (as the case may be). To prove the giving of a notice or other document it shall be sufficient to show that it was despatched in accordance with the provisions of Clause 14.1 hereof.

15. GOVERNING LAW AND JURISDICTION

This Agreement shall be governed and construed in accordance with the laws of India and subject to the arbitration clause mentioned above, the courts of Andhra Pradesh shall have the jurisdiction to entertain any dispute or suit arising out of or in relation to this Agreement.

16. PUBLICITY

Neither party shall make any public disclosure, except as may be required by applicable law, relating to discussions and or terms related to this Agreement, without obtaining the prior written consent of the other party. Either party shall not use and shall not let their employees, agents and subcontractors from using the name, trademark or logo of other party in any sale, marketing publication, advertisement, or other publication. Either party shall not make, or let its employees, agents or subcontractors make, any public statement relating to the other party.



17. RELATION OF THE PARTIES

Nothing herein shall be construed to neither constitute a partnership between the parties hereto nor to authorize the GIET, Rajahmundry save and except as provided herein or with the APSSDC's prior consent in writing, for making any representation.

18. MODIFICATION, AMENDMENT, SUPPLEMENT OR WAIVER

No modification, amendment, supplement to or waiver of this Agreement or any of its provisions shall be binding upon the parties hereto unless made in writing and duly signed by the authorized representative of the party against whom enforcement thereof is sought. A failure or delay of any party to this Agreement to enforce at any time any of the provisions of this Agreement or to exercise any option which is herein provided, or to require at any time performance of any of the provisions hereof, shall in no way be construed to be a waiver of such provisions of this Agreement.

19. ENTIRE AGREEMENT

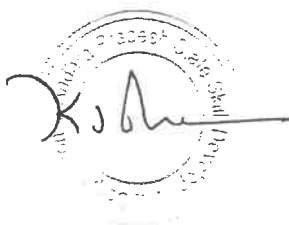
This Agreement together with all Appendices, Exhibits, Schedules, Attachments and Addenda attached hereto constitute the entire agreement between the parties and supersedes all previous agreements, promises, representations, understandings and negotiations, whether written or oral, between the parties with respect to the subject matter hereof.

20. ASSIGNMENT

The Second Party shall not be entitled to, nor shall it purport to, assign this Agreement, without prior consent of the First Party.

This Agreement is prepared in two originals and each party shall retain one copy. Each copy shall be treated as original when taken separately and shall constitute as one when taken together.

In token of agreement and acceptance hereof by the two parties the authorized representatives of the two parties hereto have affixed their signatures herein below in the presence of witnesses as under:



SIGNED ON BEHALF OF

ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION

Name: Sri K. Sambasiva Rao, IRTS

Signature: [Signature]



Designation: Managing Director & Chief Executive Officer

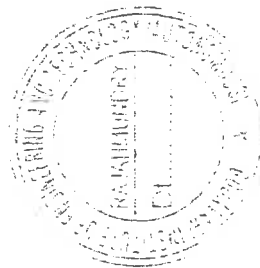
Godavari Institute of Engineering and Technology,

NH - 16, Chaitanya Knowledge City, Rajahmundry - 533296 , East Godavari District

Name: Sri. K. Sasi Kiran Varma

Signature: [Signature]

Designation: CHAIRMAN



Witness

Name: [Signature]

Signature: [Signature]

Designation: Dean-Academics
Godavari Institute of Engineering & Tech
NH-16 Chaitanya Knowledge City
RTI Campus Rajahmundry

Name : _____

Signature: _____

Designation: _____

ANNEXURES

Annexure-I

1. G.O.No. 4

GOVERNMENT OF ANDHRA PRADESH

ABSTRACT

Skill Development, Entrepreneurship and Innovation Department – Clearance of project. Establishing SIEMENS Centers of Excellence (COEs) and Technical Skill Development Institutions (TSDIs) and Skill Development Centers (SDCs) in the State of Andhra Pradesh – Approval of Memorandum of Understanding (MoU) - Orders – Issued.

KILL DEVELOPMNET, ENTREPRENEURSHIP & INNOVATION(SKILLS) DEPARTMENT

G.O.Ms.No. 4 Dated: 30 .06.2015

Read the following:

1. G.O.Ms.No. 20 Planning (VII) Dept., Dt: 26.09.2014.
2. G.O.Ms.No. 47 (H.E.) (EC.A2) Dept., Dt: 13.12.2014.
3. G.O.Ms.No. 17 GAD (AR&T.I) Dept., Dt: 25.02.2015 &G.O.Ms.No. 52 GAD(AR&T.I) Dept., Dt. 30.01.2015.
4. Letter from M.D., CEO, APPSDC, Dated: 22.06.2015.

* * *

ORDER:

1. As part of the Vision 2029, the Government of Andhra Pradesh has the ambitious plan of being one of top three developed States of the Country within the next five years. As envisaged in the G.O. first cited seven different missions have been formed to prioritize and energize main sectors of growth. "Knowledge and Skills Mission" occupies an important position in order to develop the employable skilled work force in the State of Andhra Pradesh as well as in India.
2. In the G.O. 2nd read above, the Government has issued orders creating Andhra Pradesh State Skill Development Corporation. Ever since APSSDC has been at the forefront of all skilling activities in the State and has been tirelessly scouring new and innovative areas of expertise and high end technology partners to tap the vast human capital potential in the State with its emphasis on empowering the youth. The Corporation in its 3rd Board Meeting held on 13.12.2014 decided to depute a team to visit the SIEMENS Centers of Excellence already established in Gujarat and submit a report. Accordingly, the team has visited the SIEMENS Centers in Gujarat, conducted a detailed study of centers and submitted a report.
3. SIEMENS Industry Software Company has been in India since 1980. It has been offering training programmes in collaboration with various State Governments. Government of Andhra Pradesh has also had detailed discussions with SIEMENS Company in order to accomplish the goal of Knowledge and Skill Mission. A comprehensive presentation was made to the Government on 9th February, 2015 about the Skill Development and Training activities being impacted by SIEMENS and their intent in Collaborating with the Government of Andhra Pradesh as was done in Gujarat and their contribution to the economy of the State by the establishment of SIEMENS centers of excellence, Technical Skill Development Institutions and Skill Development Centers. Further, the Government has decided that –

- (a) A Cluster comprising (1) Center of Excellence (COE) and (5) Technical Skill Development Institutions (TSDIs) and skill development centers (SDCs) would be established at a cost of Rs. 546,84,18,908/- with SIEMENS and Design Tech providing grant-in-aid of Rs. 491,84,18,908/- (90%) and Government share being Rs. 55,00,00,000/- (10%).
 - (b) To establish six SIEMENS clusters each costing Rs. 546.84 crore with the Government contribution being limited to 10% of the cost.
4. It has been decided by the Government for the sanction of an amount of Rs. 370,78,80,000/- for the project for establishing of (6) such clusters distributed throughout the State. For the 3rd year of agreement, the Centers will be handed over to the joint operational control of APSSDC and hosting institution, with appropriate overseeing and hand holding by SEIMENS and Design Tech. However, the costs of trainers and equipment maintenance will continue to be borne by SEIMENS and Design Tech for the third year.
 5. Government has also decided vide G.O.3rd read above for the establishing of new department of Skill Development, Entrepreneurship and Innovation (SDEI) with the Andhra Pradesh State Skill Development Corporation (APSSDC) as its implementing (HoD) agency. Accordingly, the department of SDEI requested the APSSDC, its implementing agency to take further action in the matter and initiate appropriate action to implement the Siemens project and send the action taken report to Government in the matter.
 6. In the letter 4th read above, the Chief Executive Officer, APSSDC has sent a letter dated 22nd June, 2015 asking for permission to get into an agreement with SIEMENS and Design Tech and also for the sanction of grant as decided by the Government in order to implement the project. The Chief Executive Officer, A.P. State Skill Development Corporation has also submitted the documents to be signed by APSSDC, SIEMENS and Design Tech in this regard.
 7. After careful examination, the Government hereby accord permission for entering into Memorandum of Understanding (MOU) and A.P. State Skill Development Corporation for an amount of Rs. 370,78,80,000/- (Three Seventy Crore Seventy Eight Lakh Eighty Thousand) towards 10% of cost of the Project from the current year's budget allocation with 90% being met by the grant from Technology Partners.
 8. The Managing Director & Chief Executive Officer, AP State Skill Development Corporation shall take further necessary action in the matter.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

I.Y.R. KRISHNA RAO
CHIEF SECRETARY TO GOVERNMENT

To
The Managing Director & Chief Executive Officer, AP State Skill Development Corporation, Hyderabad.
Copy to
The Secretary to Government, Higher Education Department
The Secretary to Government, Labor Employment & Training Department
All Departments of Secretariat, A.P. Secretariat, Hyderabad. The Commissioner, Technical Education Department.
The Commissioner, Labour Employment & Training The P.S. to Prl. Secretary to C.M.
The P.S. to Chief Secretary to Government. The P.A. to Secretary, SDEI Department.
The P.S. to Prl. Secretary to Government, Finance Department. The P.S. to Minister for LET&F, Youth and Sports, SDEI SF / SC

// FORWARDED BY ORDER //

SECTION OFFICER

Annexure-I

2. G.O.No. 5

GOVERNMENT OF ANDHRA PRADESH

ABSTRACT

Skill Development Entrepreneurship & Innovation Department– Launching of SIEMENS Centers of Excellence and Technical Skill Development Institutions-Selection of Institutions – Orders – Issued.

SKILL DEVELOPMENT, ENTREPRENEURSHIP & INNOVATION (SKILLS)DEPARTMENT

G.O.MS.No.05

Dated: 25.04.2016.

Read the following:

1. G.O.Ms.No. 4 SDE&I (Skills) Dept., Dt: 30.06.2015.
2. G.O.Ms.No. 8 SDE&I (Skills) Dept., Dt: 05.10.2015.
3. Minutes of meeting of the Selection Committee for the Selection of Centers for the AP-Skill Development Project held on 16.02.2016, AP. Secretariat, Hyderabad.

ORDER:

1. In the Government order 1st read above, the Government has issued orders for sanctioning the Project of SIEMENS Center of Excellence and Technical Skill Development Institutions and also accorded permission for entering into MoU with SIEMENS Company. As per the order, agreement has been executed between the APSSDC, SIEMENS and Design Tech Companies.
2. In the G.O. 2nd read above, the Government has issued orders for formation of committees to monitor and to track the proposal of implementation of the SIEMENS Project and also Centre Selection Committee.
3. As a sequel to the agreement entered with the SIEMENS and Design Tech Companies, meetings involving all the stakeholders have been held in the state sensitizing the institutions and presenting the significance and the requirements for starting SIEMENS Center of Excellence and Technical Skill Development Institutions.
4. Thereafter, as per the decision taken by the committees for selection of centers and monitoring the progress, applications (online) have been called for from the institutions / organizations and universities, duly notifying the same in the media, stipulating the last date for submission of application for expression of interest in order to operationalize the centers.
5. In the reference 3rd read above, i.e., on 16-02-2016, during the Selection Committee meeting for Selection of Centers for the “Andhra Pradesh- Skill Development Project “ in the form of hub-spoke model is explained Six clusters were defined. These are territorial region roughly consisting of two – three district. They have been defined based on the supply side information in terms of population, number of institutions, and capacity of those institutions. Alignment of the clusters has been made with the proposed industrial development while keeping district also as a geographical unit. Each cluster will be one Centre of Excellence (COE) and five Technical Skill Development Institutes (TSDI).

6. Further, as decided by the committee, all the hosting institutions need to be inspected by a team of experts. Accordingly, teams have been constituted comprising members from Technical Education Department, Central Institute of Tools and Design, Hyderabad (an autonomous organization under Government of India) and Jawaharlal Nehru Technological Universities (JNTUs), Kakinada and Anantapur to inspections have been carried out and inspection reports have been submitted.
7. Suitable criteria fixed for evaluation of the institutions and accordingly all the applications were graded and Universities and Engineering Colleges were evaluated using one set of criteria and also Polytechnics restricted one set of criteria. The ranked list of universities/colleges/institutions by cluster/district has been prepared and they have been evaluated with reference to the prescribed criteria. Finally, the committee constituted for the purpose of evaluation has recommended and approved the Colleges/ Institutions/ Organizations as Centre of Excellence (COE)/Technical Skill Development Institutions (TSDIs).
8. The Government after careful examination comprehensively, hereby orders that the institutions/ organizations/Universities as shown in the Annexure are selected as Siemens Centers of Excellence (6)/Technical Skill Development Institutions (36) subject to the following conditions:-
 - i) That the institutions will be subjected to further inspection by a team comprising members from SIEMENS and Design Tech.
 - ii) If found unsuitable due to restrictions and place, ability to accommodate 50% of capacity to outsiders, residential facilities to outsiders , another suitable institution, satisfying the conditions will be substituted.
 - iii) Selected institutions need to execute an agreement with Andhra Pradesh State Skill Development Corporation (APSSDC)
 - iv) Any contravention of the stipulated conditions as per MOU will disqualify the institution from hosting the COE or TSDI at any time and the Government has the right to replace the institution.
 - v) Operational guidelines shall be issued separately.
9. The Managing Director and Chief Executive Officer, Andhra Pradesh State Skill Development Corporation, Hyderabad shall take further necessary action.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

S.P. TUCKER,

CHIEF SECRETARY TO GOVERNMENT.

To
 The Managing Director & Chief Executive Officer, APSSDC, Hyderabad The Principal Secretary to Government, SDE&I Dept., A.P., Hyderabad. The Colleges/Universities/Organizations (as per annexure)
 The Principal Secretary to Govt., Infrastructure & Investment Dept., A.P. Hyderabad The Principal Secretary to Govt., Industries and Commerce Dept. A.P. Hyderabad
 The Secretary to Government, Finance Department, A.P. Hyderabad The Special Secretary to Govt. SDE&I Dept., A.P., Hyderabad
 The Principal Secretary to Government, Higher Education Department, A.P. Hyderabad
 The Commissioners of Technical Education & Collegiate Education, Intermediate Education, Labor Employment Hyderabad.
 Dr.K.Lakshminarayana, IAS (Retd.) Director, APSSDC, Hyderabad
 All Members of High power selection committee as per Go.Ms.No.8,SDE&I Deptt., Dated:05-10-2015
 All Vice Chancellors of Universities in Andhra Pradesh
 The P.S. to Minister for LET&F, Youth and Sports, SDE&I Dept. The P.S. to Chief Secretary to Government The P.S. to Principal Secretary to Finance Dept.
 SF/Sc.

//FORWARDED::BY ORDER//

ANNEXURE

G.O.MS.No. 05 , SDE & I (Skill) Dept, Dated. 25. 04.2016 the selected as SIEMENS Centres of Excellence (COEs)/ Technical Skill Development Institutions (TSDIs) as following:

S.No.	Name of the Institute / Organization / University	Selected as
1	GMR Institute of Technology GMR Nagar, Rajam, Srikakulam District - 532127	t-SDI
2	Aditya Institute of Technology and Management Tekkali, K. Kotturu, Srikakulam District -532201	t-SDI
3	Government Polytechnic, Srikakulam	t-SDI
4	MVGR College of Engineering, Vijayaram Nagar Campus, Chintalavalasa, Vizianagaram - 535005	t-SDI
5	IGIAT #38-22-29, Industrial Estate, Kancharapalem, Visakhapatnam - 530007	t-SDI
6	Andhra University College of Engineering, Visakhapatnam - 530007	CoE
7	GayathriVidyaParishad College of Engineering (Autonomous), Madhurawada, Visakhapatnam- 530 048	t-SDI
8	GMR Polytechnic, Paderu, Visakhapatnam - 530007	t-SDI
9	Pragati Engineering College 1-378, ADB Road, Surampalem, Near Kakinada, East Godavari District - 533437	t-SDI
10	Aditya Engineering College Aditya Nagar, ADB Road, Surampalem, Gandepalli Mandal, East Godavari District - 533437	t-SDI
11	Godavari Institute of Engineering & Technology NH - 16, Chaitanya Knowledge City, Rajahmundry - 533296 , East Godavari District.	t-SDI
12	JNTU College of Engineering Jawaharlal Nehru Technological University Road, Kakinada – 533003, East Godavari District.	CoE
13.	Sir C R Reddy College of Engineering Vatluru, Eluru – 534007, West Godavari District.	t-SDI
14.	DNR College of Engineering and Technology DNR College Campus, Balusumudi, Bhimavaram, West Godavari District.	t-SDI
15.	V R Siddhartha Engineering College, Kanuru, Vijayawada - 520 007, Krishna District.	CoE
16.	Andhra Loyola Institute of Engineering and Technology Polytechnic Post Office, Off Eluru Road, Behind VinayakTheater, Vijayawada – 520008, Krishna District.	t-SDI
17.	Government Polytechnic, Vijayawada, Krishna District.	t-SDI
18.	IIIT, Nuziveedu, Krishna District. VasireddyVenkatadri Institute of Technology	t-SDI
19.	Gollamudi Road, PedakakaniMandal, Guntur District - 522508	CoE
20.	Vignan's Foundation for Sci., Tech. &Res.University Vadlamudi, Guntur District - 522213	t-SDI

21.	R V R & J C College of Engineering (Autonomous) Chandramoulipuram, Chowdavaram, Guntur District - 522019	t-SDI
22.	St. Ann's College of Engineering & Technology NayaniPalli Village, ChallaReddyPalem Post, Vetapalem Mandal, Chirala - 523187, Prakasam District.	t-SDI
23.	Prakasam Engineering College O V Road, Kandukur, Prakasam District.	t-SDI
24.	Audisankara College of Engineering and Technology NH - 5, Bypass Road, Aravinda Nagar, Gudur - 524101, PottiSriramulu District, Nellore.	t-SDI
25.	Government Polytechnic PottiSriramulu District, Nellore.	t-SDI
26.	Sri City Private Limited Business Center, Sri City, SatyaveduMandal, Chittoor District.	t-SDI
27.	Sri Venkateswara University College of Engineering, Tirupati	CoE
28.	Madanapalle Institute of Technology & Science Kadiri Road, Angallu Village, Madanapalle - 517325, Chittoor District.	t-SDI
29.	SreeVidyanikethan Engineering College (Autonomous) SreeSainath Nagar, A Rangampet, ChandragiriMandal, Near Tirupati - 517102, Chittoor District.	t-SDI
30.	Kuppam Engineering College KES Nagar, P B Natham (Post), Kuppam, Chittoor District	t-SDI
31.	Siddharth Institute of Engineering & Technology Siddharth Nagar, Narayanavanam Road, Vijawada	t-SDI
32.	S V Government Polytechnic Opp: T.T. D. Administrative Buildings, K T Road, Tirupati,	t-SDI
33.	Annamacharya Institute of Technology and Sciences Tallapaka, New Boyanapalli, Rajampet - 516126, YSR District, Kadapa	t-SDI
34.	IIIT Idupulapaya, YSR District, Kadapa.	t-SDI
35.	Rajeev Gandhi Memorial College of Engineering and Technology Nerawada 'X' Roads, Nandyal - 518501, Kurnool District	t-SDI
36.	G Pullareddy Engineering College G Pulla Reddy Nagar, Nandyal Road, Kurnool - 518007	t-SDI
37.	G M R Polytechnic Sunnipenta, Srisailam, Kurnool District.	t-SDI
38.	JNTUA College of Engineering Saradha Nagar, Anantapur - 515002, Anantapur District.	CoE
39.	Anantha Lakshmi Institute of Technology & Sciences Near S K University, Itikalapalli (V), Anantapur - 515721	t-SDI
40.	Government Polytechnic Anantapur, Anantapur District.	t-SDI

S.P. TUCKER,
CHIEF SECRETARY TO GOVERNMENT.

Annexure-I

3. G.O.No. 8

GOVERNMENT OF ANDHRA PRADESH

ABSTRACT

Skill Development, Entrepreneurship and Innovation Department – Formation of committees to monitor the SIEMENS Project programme – Order–Issued.

SKILL DEVELOPMENT, ENTREPRENEURSHIP & INNOVATION (SKILLS) DEPARTMENT

G.O.Ms.No.8

Dated: 5.10.2015

Read the following

1. G.O.Ms.No. 47 Higher Education (EC.A2) Dept. Dt: 10-09-2014.
2. G.O.Ms.No. 17 GAD (AR&T.I) Dept., Dt: 25.02.2015 &G.O.Ms.No. 52 GAD(AR&T.I) Dept., Dt. 30.01.2015.
3. G.O.Ms.No. 4, S.D.E. & I (Skills) Deptt.,dt. 30-06-2015.
4. Minutes of the meeting of Skill Development, Entrepreneurship & Innovation held on 05.09.2015, A.P. Secretariat, Hyderabad.

* * *

ORDER:-

1. In the G.O. 1st read above Government have issued orders for formation of Andhra Pradesh State Skill Development Corporation (APSSDC) and wherein the Government have appointed the Managing Director & Chief Executive Officer and One more position of the Director of the Corporation. Thus APSSDC has been in existence since 10-09-2014.
2. In the G.O. 2nd read above, the Government have created a new Department - "Department of Skill Development, Entrepreneurship & Innovation" to achieve the objective and goal of Skill Development, Entrepreneurship & Innovation with coordinated efforts and convergence of services with allied departments.
3. A comprehensive presentation was made to the Government on 09-02-2015 about the Skill Development and Training Activities based on the Hardware & Software by SIEMENS Company and Design Tech and their intent in collaborating with the Government of Andhra Pradesh as was done in Gujarat State by the establishment of SIEMENS Centre of Excellence, Technical Skill Development Institutions and Skill Development Centres. Accordingly, Government has decided that:
4. A cluster consists of (1) Centre of Excellence (COE) and (5) Technical Skill Development Institutions (TSDIs) and Skill Development Centres (SDCs).
5. In the G.O. 3rd read above, permission was accorded to Andhra Pradesh State Skill Development Corporation to enter into MoU with SIEMENS and DesignTech and sanctioned grant of Rs. 370.78 crore towards the project, i.e., establishment of 6 clusters. Accordingly, MoU has been entered with SIEMENS and DesignTech Companies.

6. In the 4th read above, i.e., on 05-09-2015, during the course of discussions on the status: pertaining to SIEMENS Project, it was decided that the action be initiated to move the project without delay keeping in view the collaborate purpose of the project as already agreed upon and stick to the schedule as per the agreement, as decided by the Council of Ministers.

7. The Government after careful examination, have decided the formation of Two Committees to monitor the SIEMENS Project programme and also for scrutinizing and identifying the Skill Development Centres for imparting training under the SIEMENS project.

7. Monitoring Committee to track the proposal of implementation of SIEMENS Project

Sl.No.	Name & Designation	Name of the Department
1.	Sri Ajay Jain, IAS, Principal Secretary	Infrastructure&Investment Dept.
2.	Sri Shamsher Singh Rawat, IAS, Secretary	Industries&Commerce Dept
3.	Sri M.Ravichandra, IAS, Secretary	Finance Department .
4.	Sri GhantaSubbaRao, Secretary	Skill Development, Entre- Innovation Dept
5.	Smt. Udaya Lakshmi, IAS, Commissioner	Technical Education& Collegiate Education Dept
6.	Dr. K.Lakshminarayana, IAS, (Retd)Director	Andhra Pradesh State Skill Hyderabad.
7.	Sri Brig. PrakashTolani	Representativeof
8.	Sri Sachin Chougule	Representativeof DesignTech.

8. The Committee will be responsible for monitoring the project on a fortnightly basis and a monthly review with the Honourable Chief Minister.

(B) Centre Selection Committee:- for scrutinizing and identifying the SIEMENS Skill Development Centres for imparting training under the SIEMENS project consisting of the following Members :

Sl.No.	Name & Designation	Name of the Department
1.	SriAjay Jain, IAS, Principal Secretary,	Infrastructure & Investment Dept.
2.	SriShamsher Singh Rawat, IAS, Secretary,	Industries & Commerce Dept.
3.	Sri GhantaSubbaRao, Secretary Innovation Dept.	Skill Development, Entrepreneurship and
4.	Smt. Udaya Lakshmi, IAS, Commissioner	Technical Education & Collegiate Education Dept.
5.	Dr.K.Lakshminarayana, IAS, (Retd), Director	Andhra Pradesh State Skill Development Corporation., Hyderabad.

9. The above Committee is authorized to co-opt three experts where necessary from academia, industry and persons of considered expertise etc.

10. The Secretary to Government, Skill Development, Entrepreneurship & Innovation Department & Managing Director and Chief Executive Officer, Andhra Pradesh State Skill Development Corporation, Hyderabad shall take further necessary action.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

I.Y.R. KRISHNA RAO

CHIEF SECRETARY TO GOVERNMENT

To

1. The Managing Director & Chief Executive Officer, AP State Skill Development Corporation, Hyderabad.
2. Sri Ajay Jain, IAS, Principal Secretary, Infrastructure & Investment Dept.
3. Sri Shamsher Singh Rawat, IAS, Secretary, Industries & Commerce Dept.
4. Sri M.Ravichandra, IAS, Secretary, Finance Department Dept.
4. Sri GhantaSubbaRao, Secretary, Skill Development, Entrepreneurship and Innovation Dept.
5. Secretary, Higher Education Department, A.P. Secretariat, Hyderabad.
6. Smt. Udaya Lakshmi, IAS, Commissioner of Technical Education & Collegiate Education Dept.
7. Dr.K.Lakshminarayana, IAS (Retd) Director, APSSDC. Hyderabad.
9. Sri Brig. PrakashTolani, Representative of SIEMENS.
10. Sri Sachin Chougule, Representative of Design Tech.
11. The P.S. to Prl. Secretary to C.M.
12. The P.S. to Minister for LET&F, Youth and Sports, SDE&I .
13. The P.S. to Chief Secretary to Government.
14. The P.A. to Secretary, SDEI Department.
15. The P.S. to Prl. Secretary to Government, Finance Department. SF/SC.

// FORWARDED BY ORDER//

SECTION OFFICER

Annexure-II

1. Infrastructure requirements in CoE

S.No.	Lab	Space Requirement(sft)
1.	Product Design and Validation Lab	800
2.	Advanced Manufacturing Lab	800
3.	Automation Lab	800
4.	Electrical & Energy Efficiency Lab	1000
5.	Process Instrumentation Lab	800
6.	Mechatronics Lab	800
7.	Test and Optimisation Lab	800+500
8.	Advance Machine & Robotics Lab	2900
9.	Automotive Body Repair Lab	1000
10.	Automotive Paint Lab	1200
11.	Lift Installation and Maintenance Lab	1200 (600+600 each floor)
Min.Area required for APSSDC activities is		23000 sqt.

Furniture:Product Design and Validation Lab

S.no.	Item	Description
1.	Furniture	- Computer Tables,ExecutiveChairs,White Board - Sliding Projector Screen
2.	Site Preparation	- Electrical Points for all workstations,Electrical Cabling - LAN connections & Networking
3.	Utilities	- LCD Projector - UPS Back-up
4.	Air Conditioning	Adequate to maintain 22 – 26 degree celsius temperature

Advanced Manufacturing Lab

S.no	Item	Description
1.	Furniture	Computer Tables, Executive Chairs, White Board&Sliding Projector Screen
2.	Site Preparation	Electrical Points for all workstations, Electrical Cabling, LAN connections & Networking
3.	Utilities	LCD Projector ,UPS Back-up
4.	Air Conditioning	Adequate to maintain 22 – 26 degree celsius temperature

Test and Optimization Lab (Lab +Workshop Area)

S.no	Item	Description
1.	Furniture	• Computer Tables, Executive Chairs, White Board&Sliding Projector Screen
2.	Site Preparation	• Electrical Points for all workstations, Electrical Cabling ,LAN connections & Networking
3.	Utilities	• LCD Projector, UPS Back-up
4.	Air Conditioning	Adequate to maintain 22 – 26 degree celsius temperature

Automation Lab

S.no	Item	Description
1.	Furniture	• Wooden Tables, Executive Chairs, White Board&Sliding Projector Screen
2.	Site Preparation	• Electrical Points, Electrical Cabling ,LAN connections & Networking
3.	Utilities	• LCD Projector , UPS Back-up, Trolley (50 Kg)
4.	Air Conditioning	Adequate to maintain 22 – 26 degree celsius temperature

Process Instrumentation Lab

S.no	Item	Description
1.	Furniture	• Wooden Tables, Executive Chairs, White Board&Sliding Projector Screen
2.	Site Preparation	• Electrical Points, Electrical Cabling, LAN connections & Networking • Pneumatic Lining & Sockets, Hydraulic piping
3.	Utilities	• LCD Projector, UPS Back-up, Trolley (50 Kg)
4 .	Air Conditioning	• Adequate to maintain 22 – 26 degree celsius temperature

Electrical and Energy Studies Lab

S.no.	Item	Description
1.	Furniture	• Wooden Tables, Executive Chairs, White Board&Sliding Projector Screen
2.	Site Preparation	• Electrical Points, Electrical Cabling, LAN connections & Networking • Motor mounting foundation
3.	Utilities	• LCD Projector, UPS Back-up&Trolley (50 Kg)
4 .	Air Conditioning	• Adequate to maintain 22 – 26 degree celsius temperature

Mechatronics Lab

S.no	Item	Description
1.	Furniture	• Wooden Tables, Executive Chairs, White Board • Sliding Projector Screen
2.	Site Preparation	• Electrical Points, Electrical Cabling , LAN connections & Networking • Pneumatic lining & sockets
3.	Utilities	• LCD Projector, UPS Back-up, Trolley (50 Kg)
4 .	Air Conditioning	• Adequate to maintain 22 – 26 degree celsius temperature

Advanced Machine and Robotics Lab – CNC Controller

S.no	Item	Description
1.	Furniture	• Wooden Tables, Executive Chairs, White Board, Sliding Projector Screen
2.	Site Preparation	• Electrical Points, Electrical Cabling, LAN connections & Networking
3.	Utilities	• LCD Projector, UPS Back-up
4.	Air Conditioning	Adequate to maintain 22 – 26 degree celsius temperature

Advanced Machine and Robotics Lab – CNC Lab

S.no	Item	Description
1.	Flooring	• Workshop grade flooring, Preferably epoxy coated
2.	Site Preparation	• Electrical Points, Electrical Cabling
3.	Utilities	• LCD Projector
4.	Pneumatic lining	• As per specification
5.	Floor-Roof Clearance	• 12ft Ground floor workshop
6.	Service Entrance	• 11ftX11ft

Advanced Machine and Robotics Lab – Rapid Prototyping

S.no	Item	Description
1.	Furniture	• Wooden Tables, Executive Chairs, White Board & Sliding Projector Screen
2.	Site Preparation	• Electrical Points, Electrical Cabling, LAN connections & Networking
3.	Utilities	• LCD Projector, UPS Back-up & De-humidifier
4.	Air Conditioning	• Adequate to maintain 22 – 26 degree celsius temperature

Advanced Machine and Robotics Lab – Robotics Lab

S.no	Item	Description
1	Flooring	• Workshop grade flooring, Preferably epoxy coated
2	Site Preparation	• Electrical Points, Electrical Cabling, Trenching & Earthing
3	Utilities	• Water supply
4	Pneumatic lining	• As per specification
5	Floor-Roof	• 15-18ft
6	Service Entrance	• 11ftX11ft

Lift Mechanic Lab

S.no	Item	Description
1	Flooring	• Workshop grade flooring, Preferably epoxy coated
2	Site Preparation	• Electrical Points, Electrical Cabling, Trenching & Earthing
3	Utilities	• As per specification
4	Pneumatic lining	• As per specification
5	Floor-Roof Clearance	• As per specification
6	Service Entrance	• As per specification

Annexure-II

2. Infrastructure requirements in t-SDI

S.no	Lab	Area(sft)
1	Automotive: 2- Wheeler	3500
2	Automotive: 4- Wheeler	
3	Electrical-Home	2500
4	Electrical-Commercial	
5	CAD/ CAM	800
6	Electronics: Home	1600
7	Electronics: ICT	
8	Manufacturing: Production	2400
9	Manufacturing: Fabrication	
10	Agriculture	2400
11	Common Area	800
Min. Area required for APSSDC activities		13000

Two Wheeler Mechanic Lab

S.no	Item	Description
1	Flooring	Epoxy flooring-3 mm industry grade as per specs provide
2	Site Preparation	• Electrical Points
3	Utilities	Provision of Exhaust fans
4	Pneumatic lining	Required, Connection from the compressor to be terminated on
5	Floor-Roof Clearance	Normal 9-10 Ft
6	Service Entrance	8ft x 6ft
7	Furniture	• Display Racks

Four Wheel Mechanic Lab

S.no	Item	Description
1	Flooring	Epoxy flooring-3 mm industry grade as per specs provide
2	Site Preparation	• Electrical Points • Electrical Cabling • Earthing • Trenching (2ftx10ftx5ft)
3	Utilities	• Water Connections • Provision of Industrial Exhaust Fan • Industrial Lighting/ Fans
4	Pneumatic lining	Required, Connection from the compressor to be terminated on 2 post lift and Pneumatic guns
5	Floor-Roof Clearance	• 12ft • Ground floor
6	Service Entrance	11ft x 11ft
7	Furniture	• Display racks • Storage areas

Electrician Lab

S.no	Item	Description
1	Flooring	Normal 0/0 PCC flooring
2	Site Preparation	• Electrical Points • Electrical Cabling • Earthing • Trenching (Optional)
3	Utilities	• Normal Ventilation • Industrial Lighting
4	Pneumatic lining	Not Required
5	Floor-Roof Clearance	• 10ft • Ground floor
6	Service Entrance	• 6ft x 8ft • Ground Floor
7	Furniture	• Display racks • Storage areas

RAC Mechanic Lab

S.no	Item	Description
1	Flooring	Normal 0/0 PCC flooring
2	Site Preparation	• Electrical Points • Electrical Cabling • Earthing
3	Utilities	• Normal Ventilation • Industrial Lighting / Fan • Ducting as per layout
4	Pneumatic lining	Not Required
5	Floor-Roof Clearance	• 12ft • Ground floor
6	Service Entrance	• 10ft x 8ft • Ground Floor
7	Furniture	• Display racks • Storage areas

CNC Lab

S.no	Item	Description
1	Flooring	Epoxy flooring-3 mm industry grade as per specs provide
2	Site Preparation	• Electrical Points • Electrical Cabling • Chemical Earthing
3	Utilities	• Air-conditioning Optional • Industrial Lighting / Fan
4	Pneumatic lining	Required, Connection from the compressor to be terminated at CNC machine
5	Floor-Roof Clearance	• 12ft • Ground Floor
6	Service Entrance	• 8ft x 8ft • First Floor
7	Furniture	• Display racks • Storage areas

Welding Lab

S.no	Item	Description
1	Flooring	Epoxy flooring-3 mm industry grade as per specs provide
2	Site Preparation	• Electrical Points • Electrical Cabling • Chemical Earthing
3	Utilities	• Industrial Exhaust through Ducting • Industrial Lighting / Fan
4	Pneumatic lining	Not Required
5	Floor-Roof Clearance	• 12ft • First Floor
6	Service Entrance	• 8ft x 8ft • First Floor
7	Furniture	• Display racks • Storage areas

Agro Machinery Lab

S.no	Item	Description
1	Flooring	Epoxy flooring-3 mm industry grade as per specs provide
2	Site Preparation	• Electrical Points • Electrical Cabling • Earthing • Water Connections
3	Utilities	• Provision of Industrial Exhaust Fans • Industrial Lighting/ Fans
4	Pneumatic lining	Required, Connection from the compressor to be terminated on 2 post lift and Pneumatic guns
5	Floor-Roof Clearance	• 12ft • Ground floor
6	Service Entrance	11ft x 11ft
7	Furniture	• Display racks • Storage areas

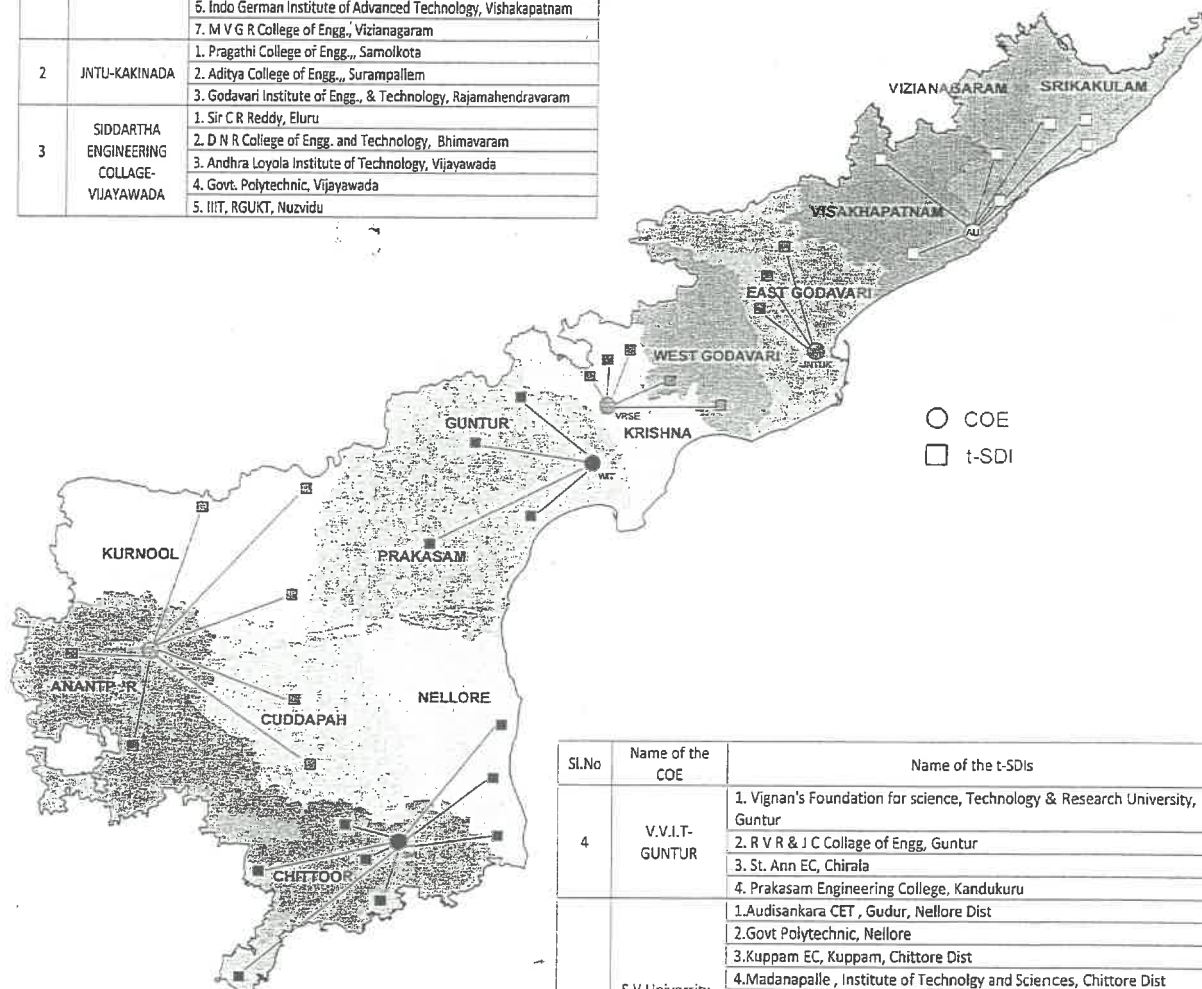
Electrical facilities required In CoE

S.no	Lab	Power Requirement
1	Product Design and Validation Lab	12.5 KVA
2	Advanced Manufacturing Lab	12.5 KVA
3	Automation Lab	15 KVA
4	Electrical & Energy Efficiency Lab	15 KVA
5	Process Instrumentation Lab	15 KVA
6	Mechatronics Lab	15 KVA
7	Test and Optimisation Lab	15 KVA
9	Advance Machine & Robotics Lab	120 KVA+15 KVA+20KVA+5 KVA
10	Automotive Body Repair Lab	5 KVA
11	Automotive Paint Lab	5 KVA
12	Lift Installation and Maintenance Lab	3 KVA

t-SDI

S.no	Lab	Power Requirement
1	Automotive: 2- Wheeler	2.2KW + 17.6 KW
2	Automotive: 4- Wheeler	
3	Electrical-Home	2.2 KW + 3.3 KW
4	Electrical-Commercial	20 KW
5	CAD/ CAM	6 KW
6	Electronics: Home	2.5KW + 2.5 KW
7	Electronics: ICT	
8	Manufacturing: Production	30 KW + 27.5 KW
9	Manufacturing: Fabrication	
10	Agriculture	17 KW
11	Common Area	4 KW
Total Power		114.8 KW

Sl.No	Name of the COE	Name of the t-SDIs
1	ANDHRA UNIVERSITY	1. Govt. Polytechnic, Srikakulam
		2. G V P College of Engg., Vishakapatnam
		3. GMR Polytechnic, Paderu
		4. GMR Institute of Technology, Rajam
		5. Aditya ITM, Srikakulam
		6. Indo German Institute of Advanced Technology, Vishakapatnam
		7. M V G R College of Engg., Vizianagaram
2	JNTU-KAKINADA	1. Pragathi College of Engg., Samalkota
		2. Aditya College of Engg., Surampallem
		3. Godavari Institute of Engg. & Technology, Rajamahendravaram
		1. Sir C R Reddy, Eluru
3	SIDDARTHA ENGINEERING COLLEGE-VIJAYAWADA	2. D N R College of Engg. and Technology, Bhimavaram
		3. Andhra Loyola Institute of Technology, Vijayawada
		4. Govt. Polytechnic, Vijayawada
		5. IIIT, RGUKT, Nuzvidu



Sl.No	Name of the COE	Name of the t-SDIs
4	V.V.I.T- GUNTUR	1. Vignan's Foundation for science, Technology & Research University, Guntur
		2. R V R & J C Collage of Engg, Guntur
		3. St. Ann EC, Chirala
		4. Prakasam Engineering College, Kandukur
5	S.V.University, Tirupathi	1. Audisankara CET, Gudur, Nellore Dist
		2. Govt Polytechnic, Nellore
		3. Kuppam EC, Kuppam, Chittoor Dist
		4. Madanapalle, Institute of Technology and Sciences, Chittoor Dist
		5. Siddharth Institute of Engineering and technology, Puttur, Chittoor Dist
		6. Sri City Pvt Ltd, Chittoor
		7. Sree Vidhya Niketan Engineering College, Chittoor
		8. S V Govt Polytechnic, Tirupathi
6	JNTU Ananthapur	1. Govt. Polytechnic-Ananthapuramu
		2. AnanataLaxmi Institute of Technology and Sciences, Ananthapuramu
		3. Govt Model Residential Polytechnic, Srisaillam, Kurnool Dist
		4. G Pullareddy Engg Collage, Kurnool
		5. RGM Institute of Technology, Nandyal
		6. Annamacharya Institute of Technology and Sciences, Kadapa
		7. IIIT R K Valley Campus, Kadapa

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Andhra Pradesh