

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (“MoU”) is entered into effective as of 06/10/2017 (“Effective Date”), by and between:

Unity Technologies ApS., a Danish Company, having its registered office at Løvstræde 5, 1152 Copenhagen K, Denmark and regional office at 1 Wallich Street, #30-02 Guoco Tower, Singapore – 078881 and hereinafter unless the context otherwise requires be referred to as “UNITY”.

And Andhra Pradesh Information Technology Academy having its registered office at Prasadampadu, Currency Nagar, Vijayawada, Andhra Pradesh – 520008, India and hereinafter, unless the context otherwise requires, be referred to as “**APITA**”

Whereas:

1. UNITY is the developer of Unity products, the engine and editor software products that provide an authoring environment with a series of integrated tools, modules and components for creating interactive content on multiple platforms.
2. APITA is established by ITE&C Department, Government of Andhra Pradesh with the main objectives of:
 - Support capacity building initiatives of ITE&C Dept.
 - Develop & offer courses in IT, Electronics and Communications in collaboration with Industry & Academia
 - Bridge the urban rural divide in producing readily employable graduates
 - Provide conducive environment for learning through value addition programs
 - Promote a culture of Research and Development in IT, Electronics and Communications
 - Facilitate e-governance through oriented programs for state government employees
 - Offer consultancy support in Capacity Building Programs
 - Collaborate with Industry, Educational and Research Institutions for the promotion and development of eGovernance.
3. **APITA** and UNITY have entered into discussions concerning UNITY Developer Courseware and Certifications for academia in the State of Andhra Pradesh.
4. The parties have agreed that **APITA** will elect to engage UNITY to offer UNITY Developer Courseware and Certification, deliver faculty enablement to engineering colleges of the state with a view to reach diverse engineering verticals and facilitate an industry connect to students.

Now therefore this MoU witnesses:

I - DEFINITIONS

“**APITA**” hereby refers to **Andhra Pradesh Information Technology Academy**.

“**Students**” hereby refers to all the member college students of **Andhra Pradesh Information Technology Academy**.

II – TERMS AND CONDITIONS

This MoU shall only govern the provision of UNITY Developer Courseware and Certification provided by UNITY Education, a division of Unity Technologies APS to **APITA** registered colleges. Under this MOU, **APITA** assures UNITY that it will collaboratively work towards the following outcomes, enabling UNITY to performing the following:

- a. Provided the necessary fees are paid, UNITY will grant access to UNITY Developer Courseware and Certification, UNITY Education Software to faculty and students of member colleges of **APITA**.
- b. UNITY will provide a train-the-trainer program at **APITA** registered colleges and deliver the initial training sessions on Unity Developer Courseware and Certifications to **APITA** associates or college faculty. These trained associates / faculty will deliver training to students in APITA member colleges. A refresher course that could include advanced level topics can be delivered at APITA campus or designated associate colleges at a later stage if and when required. All the cost of the train the trainer program will be mutually agreed from case to case basis, and UNITY will inform and invoice APITA registered colleges of the fees payable for the training program, prior to conducting it.
- c. UNITY will provide necessary access to the Unity Education Software for faculty & students towards value-added courses, once APITA or its registered colleges have applied for the License Grant program.
- d. UNITY intends to facilitate the industry connect of colleges with UNITY’s ecosystem of business partners with a view to building industry relevance and capability that’s in demand.
- e. UNITY intends to provide a chance to students to prepare for and take up Professional Certification exams on UNITY Developer Certification, by offering discounts for the courseware / exam and by proctoring the exam directly or through UNITY assessment partner network on respective campus subject to minimum number of 50 students taking up the exam per campus.
- f. UNITY offers Volume discount price for APITA registered Educational Institutions at \$75 USD per student per UNITY Developer Courseware and \$75 USD per student per UNITY Developer Certification, or \$150 USD per bundle (Courseware + Certification).

It will also be the responsibility of **APITA** management to:

- a. Nominate a Single-point-of-Contact (SPoC) to co-ordinate and engage with UNITY for various engagements flowing through from this agreement

- b. Ensure that the pre-assessment is conducted and faculty thus enrolled for the training are made fully available, for the period of training on dates that will be mutually agreed upon
- c. Ensure that the trainers will also impart the same to faculty either via curriculum or via value-added courses and provide on-the-ground assistance to faculty in applying for such UNITY Developer Courseware and Certification Programs and other programs launched by UNITY from time to time
- d. Ensure the following outcomes during the term of this MoU:
 - i. APITA anticipates at training 3000 students in their registered network of colleges over a period of two years from the date of signing of this MoU.
 - ii. APITA registered colleges will have the option to buy courseware and certification as and when required in bundles of 50. UNITY will invoice the APITA registered colleges separately for the courseware, certification or bundles, and the APITA registered colleges will pay UNITY the net price of \$75 for courseware or \$150USD per bundle, no later than 30 days from the invoice, in full without deduction for taxes, customs, duties, fees or surcharges.
 - iii. As phase 1, within 30 days from the signing of MoU the following list of APITA registered colleges will purchase the courseware and certification.

S.No	College	Volume
1	Sir CRR College of Engineering, West Godavari district	100 courseware or bundles
2	Vasireddy Venkatadri Institute of Technology, Guntur district	200 courseware or bundles

In the event APITA registered colleges falls short of the above minimum number of bundles of 300 as set out above, by the end of the one year term, UNITY, at its sole option and discretion may terminate the existing MoU or not agree to renew the MoU for an additional period of time.

III –SOFTWARE

UNITY provides access to UNITY Education Software license grant for the APITA registered colleges via its Academic Initiatives. However, the member college shall apply online at www.unity3d.com for the License grant program.

IV - BREACH OF MoU

In the event of any breach of the terms of this MoU, which is capable of rectification, by either party hereto, such other party shall be entitled to call upon the party to rectify such breach within fifteen (15) days from the date of the notice, failing which the breach shall be deemed to be a material breach, and shall entitle such other party to rescind this MoU for material breach immediately.

V – TERM AND TERMINATION

This MoU shall be valid for a term of two years starting from the Effective Date set forth above, unless terminated earlier by either party, or extended mutually by both parties hereto, on the same terms and conditions as herein.

In the event of termination of this MoU for any reason whatsoever, including termination due to breach by UNITY, the access granted to **APITA** under this MoU, shall also stand automatically terminated and revoked without any further act of parties. **APITA** will also return or destroy, at our discretion or UNITY's request, all material provided by UNITY, including but not limited to, soft copy courseware etc.

The following obligations will survive termination of this MoU for any reason:

Limitation of Liability

VI – LIMITATION OF LIABILITY

Other than an intentional breach of intellectual property rights, neither party shall be liable for any indirect, punitive, special, incidental or consequential damages, loss of business, data, revenue, profits, or for any third party claims against the other (except as specifically admitted by paragraph 2 below) whatsoever.

The parties agree that UNITY shall not be liable to APITA or any other third party for any direct damages incurred in connection with this MoU.

VII – ARBITRATION

Any and all disputes, controversy or claims related to or arising in connection with this MoU shall first be referred to the CEO or Director of **APITA** and UNITY Education Account Manager – India for an informal resolution.

If this informal resolution does not resolve the dispute, then the matter will be referred to and settled by binding arbitration in accordance with the SIAC Rules, and any such arbitration shall be in Singapore. The award of the arbitration may be enforceable in any court of competent jurisdiction. Each party shall bear its own costs and fees in connection with the arbitration.

Unless agreed otherwise, the number of arbitrators shall be three, with each side to the dispute being entitled to appoint one arbitrator. The two arbitrators appointed by the parties shall appoint a third arbitrator who shall act as chairman of the proceedings. Vacancies in the post of chairman shall be filled by the president of the Law Society of Singapore. Other vacancies shall be filled by the respective nominating party. Proceedings shall continue from the stage they were at when the vacancy occurred. If one of the parties refuses or otherwise fails to appoint an arbitrator within 30 days of the date the other party appoints, the first appointed arbitrator shall be the sole arbitrator, provided that the arbitrator was validly and properly appointed. All proceedings shall be conducted, including all documents presented in such proceedings, in the English language. The English language version of this Agreement prevails over any other language version.

VIII – GENERAL

This MoU shall not be construed to be an agency or a partnership or joint venture or an employment relationship. Neither party shall be entitled to bind the other party with any third party by its actions, unless it has specifically obtained the prior written consent of such other party to do so.

Each party is an independent contractor, and nothing under this MoU shall be construed to create an employment relationship, whether for tax or for any other purpose, nor any partnership or joint venture between the parties. No provision of this MoU grants either party any express or implied right of authority to assume or create any obligations or responsibility on behalf of or in the name of the other party, or bind the other party in any manner or thing whatsoever. Neither party nor its personnel shall be considered employees of the other.

Neither party shall assign or transfer this Understanding or any benefits or rights or obligations accruing to it under this MoU, without the prior written consent of the other party. UNITY shall during the term of this MoU be entitled to audit the license usage records of licenses hosted at **APITA** registered colleges. This audit can be conducted only during reasonable business hours.

The existence and substance of this MoU and the rights and obligations of the parties herein will be kept confidential by **APITA** and will not be disclosed to any third party without the prior written consent of UNITY. Notwithstanding the foregoing, **APITA** may make such disclosure to the extent required by law, court or statutory authority, in which case **APITA** will promptly inform UNITY to allow UNITY a reasonable opportunity to obtain a protective order. Any press release, publicity or media interaction, public relations campaign, use of UNITY signage pertaining to this MoU signing or UNITY activities on campus need to have prior written consent from UNITY. Any violation of this will amount to material breach and will lead to the partner status of **APITA** being withdrawn and termination of this MoU,

This MoU supersedes all prior oral or written communication, discussions and representations communicated between the parties hereto in respect of the subject matter of this MoU. Any modification to this MoU shall only be made by way of a written document duly executed by representatives of both parties hereto.

APITA and UNITY agree that this is intended to be a document of understanding between the parties to perform the functions of each as set out in section II and III of this MoU. However, for the avoidance of doubt, it is hereby clarified that UNITY shall not have any liability or responsibility to APITA on failure to fulfill the activities set out in sections II and III herein.

If any provision of this MoU is held to be unenforceable or illegal under certain circumstances for any reason, such decision shall not affect the validity or enforceability of such provisions under other circumstances or the remaining provisions hereof and such provisions shall be reformed only to the extent necessary to make them enforceable under such circumstances.

Any notice under this MoU will be in writing and delivered by hand or by registered mail, return receipt requested, to the other party at the registered office or as may be substituted by the notice. If any notice is sent by mail, notice will be effective on the date of receipt.

APITA shall maintain at all times, a one-point contact for the UNITY Academic Initiative. Any change in the contacts below will be promptly notified to UNITY.

All UNITY Academic Initiative related issues: Unity Education Account Manager, India

All **APITA** strategic issues: CEO, APITA

IN WITNESS WHEREOF, the parties hereto have executed this understanding on the 06-10-2017, hereinabove written.

For Andhra Pradesh Information Technology Academy

Name: B. Sundar

Designation: CEO, APITA

Signature: *B. Sundar*
DocuSigned by:
DB8165562DAC437...

For Unity Technologies ApS

Name: Michael Haakan

Designation: Director

Signature: *Michael Haakan*
DocuSigned by:
F029B5C5652F4F2...



ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

Sl. No. 7613 Date 03-04-2018

Sold To: DADI RATNAKAR S/O VEERABHADRARAO, ANAKAPALLI.

For Whom: DADI INSTITUTE OF ENGINEERING & TECHNOLOGY, ANAKAPALLI.

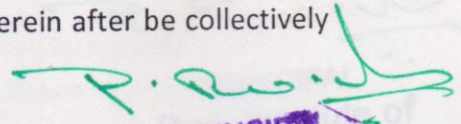
CC 677268

M. JAGADEESWARA BABU
Licenced Stamp Vendor
V.No.03-301-1611/1983
R.L.No.03-301-001/2017
Narsingaraopeta, ANAKAPALLE-531001
Phone : 9292602237

AGREEMENT BETWEEN
ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION
VIJAYAWADA
AND

Dadi Institute of Engineering & Technology, Visakhapatnam, National Highway
5, Anakapalle, Visakhapatnam, Andhra Pradesh 531002
<https://goo.gl/maps/ScAxfaryimn>

The Agreement is executed on this 6th day of APRIL 2018 (Effective Date) by and between, Andhra Pradesh State Skill Development Corporation having its office at 2nd Floor, NTR Administrative Block, PN Bus Station, Vijayawada - 520 013 hereinafter 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 MD&CEO of the first part; And Dadi Institute of Engineering & Technology having its office at National Highway 5, Anakapalle, Visakhapatnam, Andhra Pradesh 531002 <https://goo.gl/maps/ScAxfaryimn>, Visakhapatnam, herein after called "DIET" (which expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successors and assigns) represented by the **PRINCIPAL** of the second part; APSSDC and Dadi Institute of Engineering & Technology shall herein after be collectively referred to as Parties and individually as first/second Party.


PRINCIPAL
Dadi Institute of
Engineering & Technology

WHEREAS:

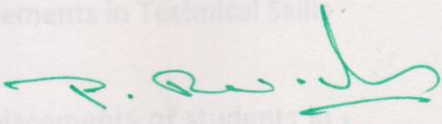
The new state of Andhra Pradesh has come into existence after bifurcation of the erstwhile combined state of Andhra Pradesh in June-2014. In the process of fulfilling its commitment for formation of a modern State, the State has initiated its endeavors, primarily on infrastructure building and rapid 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 to 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 Statewide 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 has 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 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 and Dadi Institute of Engineering & Technology which is selected for CM's **Skill Excellence Center (SEC): ICT Lab** 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:


PRINCIPAL
Dadi Institute of
Engineering & Technology
WAKARAJI - 531 002

2.1 DEFINITIONS:

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

"Agreement" shall mean this agreement executed between APSSDC and Dadi Institute of Engineering & Technology 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 Gov 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.

"CM's Skill Excellence Center: ICT Lab" shall mean multi-skill focused Skill Excellence Centre

at reputed Engineering Colleges in CSE, IT, ECE, EEE, Mechanical and Civil streams. These **CM's Skill Excellence Centers: ICT Labs** will be selected, established and implemented by APSSDC in active collaboration and assistance from the host College, as per the terms of this Agreement.

"Effective Date" shall mean the date of signing of this Agreement.

"GoAP" means the Government of Andhra Pradesh and its concerned department, SD&EI.

"Equipments" means/includes Laptops, Projector, Wi-Fi routers, Audio system

"CM's Skill Excellence Center: ICT Labs" shall mean college-level skill development centres connected with APSSDC over internet, where local students can access and learn out of the interactive digital courseware, online programs, hands-on training, offline Workshops and global certification programs.

3. SCOPE OF SERVICES / PROJECT

a. To make qualitative improvements in imparting Technical Skills by setting up or providing:

- Infrastructure in college laboratories by adopting latest technologies in engineering streams of CSE, IT, ECE, EEE, Mechanical and Civil to serve the needs the industry;
- Skill up-gradation of faculty by imparting training;
- Update course curriculum to suit modern industrial practices;
- Promote Research & Development and Innovation for existing Industries.
- **CM's Skill Excellence Center: ICT Labs** 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 Skills 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.

PRINCIPAL
Dadi Institute of
Engineering & Technology
ANAKAPALLE - 531 002

- 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.
- f. Guidelines and procedures prescribed / as may be prescribed from time to time by APSSDC for implementation.

4. SCOPE OF THE FIRST PARTY

The APSSDC shall

- Select reputed academic/Industrial Training Institutions through a stipulated procedure.
- Provide a platform for registration of trainees online and mapping of institutions and students
- Provide equipment with latest technology to fill up the gap required to suit the skill development training requirements –laptops (as per the configuration given in Annexure I).
- Train the faculty in the required skill.
- Identify and provide course curriculum to suit latest and future technologies.
- Promote Research & Development and Innovation for existing Industries.
- To get the evaluation of the Skill Development programs done by third party 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. SCOPE OF THE SECOND PARTY

The Academic institution shall provide and follow the guidelines presented:

SDC:

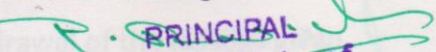
College should setup one Skill Development Center lab and equip it on the lines of CM's SEC for APSSDC training exclusively.

CM's SEC:

Capacity to provide E-Classroom space to accommodate 37 systems lab with LCD Projector, Audio System & to ensure internet connectivity of 150Mbps bandwidth.

Infrastructure:

The necessary infrastructure as per the project specifications including electrical fittings, electricity and Power backup, water, furniture and fixtures and Air-conditioning


PRINCIPAL
Dadi Institute of
Engineering & Technology
ANAKAPALLE - 531 002

Adequate security:

The College should be responsible and held accountable for safety of the lab equipment.

Faculty & Students:

- ☐ To mobilize faculty and students of the college/institution for trainings and Certification.
- ☐ College should make a commitment on the count of faculty and students for APSSDC Training programs as mentioned - **50% of annual intake / students on rolls** – for participation in APSSDC programs like Workshops, online programs, Certification programs, any other programs announced by APSSDC from time to time out of which 50% students are to get certified from the Globally recognized MOOCs

Residential Facilities:

- ☐ At least 50% of intake capacity to students of other colleges with residential facilities (100 boys & 50 girls at nominal cost) i.e., food & accommodation.
- ☐ Food and accommodation for 5 mentors (boy / girl) deputed by APSSDC to the college to coordinate and execute the APSSDC programs without any charges.

Clubs:

- ☐ Department wise clubs are to be initiated and competitions are to be organized as and when informed at the earliest in coordination with APSSDC Stream coordinators.
- ☐ Colleges are requested to arrange a cabin/room exclusively for APSSDC Mentors & Club members.

Warranty & Equipment:

- ☐ Post-warranty of equipment, college has to bear the maintenance cost.

Compliances:

- ☐ **KPIs** – Key Performance Indicators (KPIs) will be developed in mutual consultation with colleges and APSSDC.
- ☐ **Monitoring:** The activities of CM's Skill Excellence Centers: ICT Labs shall be regularly monitored through an IT monitoring system at APSSDC on a real time basis and also through the monitoring committee of APSSDC.
- ☐ **Management Information System:** To submit all reports and documents relating to progress of the students on rolls, Accounts, Audit and Annual Work Plan, as specified at such frequency as may be required by 'THE FIRST PARTY'.
- ☐ Details of Data of Number of students passed out, placed (Trained for Employability), and unplaced on year-on-year basis.
- ☐ Institutions will face punitive action amounting to withdrawal of the laptops given under this Project 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. REVENUE GENERATED

APSSDC is heavily subsidizing the training and certification courses as compared to market prices. The Revenue generated from the charges of the programs being implemented by APSSDC will be the sole income of APSSDC as per the Course wise fee structure provided at Annexure 2 .

7. BREACH OF AGREEMENT & REMEDIAL PERIOD

In case the Dadi Institute of Engineering & Technology, commits breach of any condition as laid down in this Agreement, the monitoring committee at APSSDC shall bring the same to the notice of Dadi Institute of Engineering & Technology. 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 **CM's Skill Excellence Centers: ICT Labs** (all the assets provided by APSSDC under this program) except other liabilities of promoters and their employees.

8. CONFIDENTIAL INFORMATION

Each Party may disclose Confidential Information:

- a) to the extent to which it is required to be disclosed pursuant to Applicable Law;
- b) to the extent to which it is specifically permitted by the other Party in writing;
- c) to the extent that the Confidential Information is publicly available and
- d) to its employees and professional advisors, but only to the extent necessary and subject to such employees and professional advisors accepting an equivalent confidentiality obligation to that set out in this Clause Confidentiality.

9. 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.


PRINCIPAL
Dadi Institute of
Engineering & Technology
ANAKAPALLE - 531 002

10. 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. The arbitration shall be done by Sole Arbitrator appointed by APSSDC. The written award of the Arbitrator shall be final and binding on all the Parties. The seat and venue for the arbitration proceedings shall be at Vijayawada, Andhra Pradesh.

11. 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 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 10 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.

12. 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.

13. NOTICE

13.1. 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:

PRINCIPAL
Dadi Institute of
Engineering & Technology
ANAKAPALLE - 531 002

- (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
Dadi Institute of Engineering & Technology
Visakhapatnam
National Highway 5, Anakapalle, Visakhapatnam, Andhra
Pradesh 531002 <https://goo.gl/maps/ScAxfaryimn>

13.2. 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 dispatch of the notice or document and in the case of dispatch 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 dispatched in accordance with the provisions of Clause 13.1 hereof.

14. 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.

15. 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.


PRINCIPAL
Dadi Institute of
Engineering & Technology
ANAKAPALLE - 531 002

16. RELATION OF THE PARTIES

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

17. 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. Any 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.

18. ENTIRE AGREEMENT

This Agreement together with all Appendices, Attachments and Addenda attached hereto constitute the entire agreement between the parties and

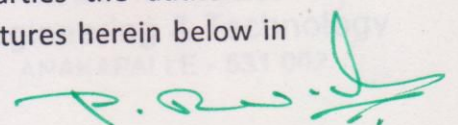
supersedes all previous agreements, promises, representations, understandings and negotiations, whether written or oral, between the parties with respect to the subject matter hereof.

19. 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:



PRINCIPAL
Dadi Institute of
Engineering & Technology
ANAKAPALLE - 531 002

SIGNED ON BEHALF OF

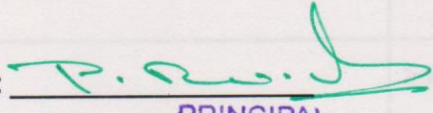
ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION

Name: SriK. Sambasiva Rao, IRTS

Signature: _____

Designation: Managing Director & Chief Executive Officer

Name: Dr. Ch. Prabhakar Rao

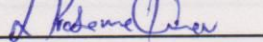
Signature: 

Designation: PRINCIPAL ..
Dadi Institute of
Engineering & Technology

Witness ANAKAPALLE - 531 002

Name: Dr. L. Subbarao Kumar

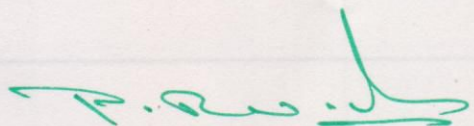
Name : _____

Signature: 

Signature: _____

Designation: HOD-CSE & Asst Prof

Designation: _____



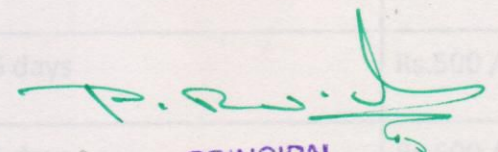
PRINCIPAL
Dadi Institute of
Engineering & Technology
ANAKAPALLE - 531 002

PRINCIPAL
Dadi Institute of
Engineering & Technology
ANAKAPALLE - 531 002

Annexure – I

Details of course wise fees: Workshops

Laptop Make and Model: Acer TMP 249-G2-M	
Technical Specification Inspection	
Processor	Intel Core i5-7200U Processor @ 2.5 GHz(Turbo Boost Upto 3.1 Ghz), 3MB Cache, 2-cores
Memory	16 GB DDR4 Memory, 2133 MHz
Internal Storage	500 GB SATA
Wireless Connectivity	Integrated wireless & Integrated Blue tooth.
Display Size	14"
Display Resolution	1366 x768
Webcam	Built-in Webcam.
Battery	5 Hrs Backup
VGA Port	Yes
HDMI Port	Yes
USB 2.0 port	1
USB 3.0 port	2
Operating System	BOSS Linux
Keyboard	External;
Mouse	External;



PRINCIPAL
Dadi Institute of
Engineering & Technology
 ANAKAPALLE - 531 002

Annexure – II

Details of course wise fee: **Workshops**

Stream	Workshop Name	Duration	Fee
CSE & ECE	Data Structures & Algorithms	3days(Phase 1) + 3 Days (Phase 2)	Rs. 250 /-
	Google Android Fundamentals	3days(Phase 1) + 3 Days (Phase 2)	Rs. 500 /-
	Progressive web apps	3days(Phase 1) + 3 Days (Phase 2)	Rs.500 /-
	Amazon Web Services(AWS)	3 days	Rs.250 /-
	Internet of Things Fundamentals	3days(Phase 1) + 3 Days (Phase 2)	Rs.500 /-
	Python	3days(Phase 1) + 3 Days (Phase 2)	Rs.500 /-
	C Programming	3days(Phase 1) + 3 Days (Phase 2)	Rs.500 /-
ECE , EEE & EIE	IoT(Embedded Systems)	3days(Phase 1) + 3 Days (Phase 2)	Rs.500 /-
	Scilab	3days(Phase 1)	Rs.150 /-
	PLC	3days(Phase 1) + 3 Days (Phase 2)	Rs. 500 /-
Mechanical	Autocad	6 days	Rs.500 /-
	Catia Part Design	6 days	Rs.500 /-
	Catia Surface Design	6 days	Rs.500 /-
	Fusion 360	3 days	Rs.250 /-
Civil	Autocad	6 days	Rs.500 /-
	Revit Structure	6 days	Rs.500 /-

	Revit Architecture	6 days	Rs.500 /-
	3DS Max	3 days	Rs.250 /-

Certification Courses (College/University Name-)

Course Details					Pricing	
SN	Engg Stream	Course	Certification	Duration (Months / Weeks)	Market Price Per certification	APSSDC Pricing
1	CS/IT/ ECE/M CA	Udacity Nanodegrees	i) Machine Learning	3 Months	Rs.60,180/-	6,000 Per Month with Support (Free if completed in 1 month, 50% of the fee reimbursed each month upon completion within 3 months, and 25% thereafter)
2			ii) Android Developer	3 Months	63,130	
3			iii) Front End	3 Months	54,280	
4			iv) Introduction to Programming	2 Months	38,350	
5			v) Full Stack	3 Months	54,280	
7		Google	i) Associate Android Developer	3 Weeks	6,500	3,250
8			ii) Mobile Web Specialist	3 Weeks		
		Coursera with University of Michigan	Python for Everybody (Specialization)	2 Weeks	19,200	1,300 for 6 months with Training
			Applied Data Science with Python (Specialization)	3 Months		
		Coursera with University of California, Irvine	Internet of Things (IOT) - (Specialization)	2 Weeks		
		Coursera with UC San diego	Data Structures and Algorithms by UC San diego (Specialization)	3 Months		
		Coursera with Google	Architecting with Google Cloud Platform (Specialization)	-		
			Data engineering on Google cloud platform (Specialization)	-		
			Developing applications with Google cloud platform (Specialization)	-		
17		Amazon	i) Analytics & Big Data	6 months	21,000	0
18	ii) Cloud Architects		35,000			
19	iii) Operations / Support Engineer		21,000			
20	iv) Software Development Engineer		21,000			
28	Civil/Mechanical	Autodesk Certiport, Inc.	i) AutoCAD Professional	1 Week Workshop & 2 hour practice for 14 days	2,415	1,000 With Training
			ii) Revit Architecture Professional			
			iii) Revit Structure Professional			

			iv) Fusion 360 Professional		
30	Mechanics	DS India Private Limited	i) CATIA Part Design	3,000	
31			ii) CATIA Surface Design	3,000	


 PRINCIPAL
 Dadi Institute of
 Engineering & Technology
 ANAKAPALLE - 501 202

भारतीय गैर न्यायिक

बीस रुपये

रु.20



Rs.20

TWENTY
RUPEES

INDIA NON JUDICIAL

ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

Sl. No. 24658 Date: 02-11-2017.

Sold To: DADI RAT.NAKAR S/o VEERABHADRAU. ANAKAPALLI.

For Whom: SECRETARY, DADI INSTITUTE OF ENGINEERING & TECHNOLOGY. ANAKAPALLI.

69AA 003352

M. JAGADEESWARA BABU
Licenced Stamp Vendor
L.No.03-301-1611/1983
R.L.No.03-301-001/2017
Narsingaraoopeta, ANAKAPALLE-531001
Phone : 9292602237

AGREEMENT

THIS AGREEMENT is entered into on this Second Day of November, 2017 ("Effective Date") by and between **Electronics & ICT Academy at NATIONAL INSTITUTE OF TECHNOLOGY**, Warangal (E&ICT-NITW), with offices at Floor I.C-Block, National Institute Technology, Warangal - 506004 ("Academy"), which is an initiative by the Ministry of Electronics & Information Technology, Government of India, New Delhi

And **Dadi Institute of Engineering & Technology (DIET)**, National Highway-5, Anakapalle, Visakhapatnam-531002, Andhra Pradesh which is an Institute in India ("Beneficiary Unit") offering academic programmes to the students in the areas of Engineering, Science, Management and Technology.

WHEREAS, Academy organizes various programmes to improve the quality of teaching, quality of education in the areas of Computer Science & Engineering, Information Technology, Electronics & Communication Engineering and other allied areas and Beneficiary Unit wishes send its faculty/personnel to attend Faculty Development Programmes with the aim to improve their quality of teaching and also the quality of education they impart through their academic programmes to the students enrolled in. NOW THEREFORE, the Beneficiary Unit agrees to the following terms and conditions of the Academy and shall sign this Agreement, in acceptance of the terms and conditions of the Academy as set out hereunder.

Dadi Institute of Engineering & Technology



1. GRANT OF PERMISSION.

Subject to the terms and conditions of the Agreement, Academy grants to the Beneficiary Unit, a non-exclusive, non-transferable number of seats, to participate in the Faculty Development Programmes (FDPs) to be offered during one year from the effective date of this agreement. Beneficiary Unit can send any number of participants subject to total number of seats consumed in a year from the effective date is within the limit of its granted number of seats. All such participants sent by Beneficiary Unit need not pay registration fee prescribed for those FDPs and can avail all the benefits offered by the coordinator of FDP to any other participant who pay registration fee as individuals. Beneficiary Unit can send a faculty/person to attend any number of FDPs, but however each time that a faculty/person attending a FDP will be counted as a seat consumed by Beneficiary Unit. However, it cannot transfer its granted seats to any other institute/college/University or even to any other college/institute/university of their own management/administration located at a place different from the address of the Beneficiary Unit. In case, Beneficiary Unit is a member of group of institutions or in chain of institutions owned by same Management/administration and that Management/administration is interested to extend the benefits to their other institutes located at different locations, each such institute should sign an agreement with the academy. Here, the "institutes located at different locations" means the institutes set up at different towns/cities/villages. However, two or more institutes owned by the same management/administration and located in the same town/city/village will be treated as a Beneficiary Unit. Total number of seats granted to a Beneficiary Unit will be lapsed on 366th day from the effective date of this agreement and any number of seats unutilized by Beneficiary Unit will be not be carried over to the next year. Beneficiary Unit can send their faculty/personnel to a FDP if its starting date of FDP is within 365 days from the effective date.

2. CONSIDERATION

- a. Beneficiary Unit has paid the Annual Fee of Rs.1.00.000/-in to the Academy Account No.62423775910 of State Bank of India, NIT Warangal Branch through RTGS vide transaction No. FT711023398434 on 2nd November, 2017.
- b. Annual fee is fixed as follows for a year from the effective date and it includes registration fee to be paid by the participants from that Beneficiary Unit subject to total number of seats benefitted in a year from the effective date is within the limit of its granted number of seats.

Type	Annual fee in Rs.	Number of seats granted to Beneficiary Unit to avail within a year i.e. 365 days from effective date.
Silver	1.00 lakh	25 faculty registrations

3. GRANTED SEATS

Beneficiary Unit agrees to note and avail the number of granted seats by sending their faculty/personnel to attend FDPs organized by E&ICT-NITW at various locations including at Warangal and including at the location of Beneficiary Unit. Frequently, E&ICT-NITW organizes FDPs at various institutes/colleges/Universities as joint programmes of host institutes and E&ICT-NITW subject to certain terms and conditions. In case Beneficiary Unit comes forward and organizes FDP as host institute jointly with E&ICT-NITW, then Beneficiary Unit

[Handwritten Signature]



faculty/personnel to participate in such FDP and each participant will consume a seat granted as per this agreement. Any other subsidy/complimentary seats offered to the host institute organizing FDP jointly with E&ICT-NITW will be extended to Beneficiary Unit provided that Beneficiary Unit is the host institute of the FDP and such complimentary seats will not consume any granted seats.

4. OWNERSHIP

Faculty Development Programmes organized by E&ICT-NITW are owned by E&ICT-NITW and Beneficiary Unit should not consider as their programmes. However, any Faculty Development Programme (FDP) organized at an institute/college/university by E&ICT-NITW at any location other than NIT-Warangal will be joint programme of that institute/college/university as host institute and of E&ICT-NITW subject to E&ICT academy's terms and conditions which are in no way related to this agreement. Beneficiary Unit is welcome to come forward to organize such FDPs as host institute and it is independent of this agreement.

5. PROPRIETARY RIGHTS

Beneficiary Unit is cognizant that E&ICT-NITW regards its Faculty Development Programs (FDPs) as its proprietary activities and as confidential trade secrets of great value. Beneficiary Unit agrees not to advertise or publicize this agreement for the benefit of improving its brand name. This agreement does not entitle Beneficiary Unit to claim as it is part of or partner of E&ICT-NITW. In no way E&ICT-NITW will directly or indirectly involve in the business or academic pursuits of Beneficiary Unit. THE STAKE HOLDERS OR PROSPECTIVE STUDENTS OF BENEFICIARY UNIT SHOULD NOT BE LURED BASES ON THIS AGREEMENT.

6. TERM

The term or period of validity granted hereby is initially valid for a period of one year i.e. 365 days, from the date of signing this Agreement and it shall continue to extend validity for a year upon payment of Annual Fee in force at that time. Such extensions of validity can be made three times based on this agreement. The granted number of seats is valid during the period of validity, unless and until terminated pursuant to Section 7 hereof and subject to Beneficiary Unit's proper performance of its obligations hereunder.

7. TERMINATION

E&ICT-NITW may terminate this Agreement if Beneficiary Unit is in default of any of the terms and conditions of this Agreement and fails to correct such default within ten (10) days after written notice thereof from E&ICT-NITW. Upon termination or expiry of the agreement, all unused seats on that day and time of termination automatically surrender to E&ICT-NITW. On termination, no amount will be paid back/returned by E&ICT-NITW to the Beneficiary Unit. E&ICT-NITW provides no material or no support to Beneficiary Unit after termination.

[Handwritten signature]



8. TERMINATION CERTIFICATE

In the event of termination, Beneficiary Unit will immediately discontinue use of granted seats within ten days after the termination of this Agreement. Beneficiary Unit will furnish to E&ICT-NITW A certificate, which certifies with unused seats at the instant of termination time automatically surrender to E&ICT-NITW. The provisions of Sections 4, 5, 8,11, and 13 here of shall survive any termination of this Agreement.

9. SUPPORT

E&ICT-NITW organizes FDPs of six days or ten days duration throughout the year in the areas of Computer Science & Engineering, Information Technology, Electronics & Communication Engineering and other allied areas. Normally, it has the objective goal of conducting around 60 numbers of FDPs in the above said areas put together. E&ICT-NITW will communicate information about these FDPs to Beneficiary Unit and also publish in its website at <https://www.nitw.ac.in/eict/>. Beneficiary Unit can look at the information and send its faculty/personnel as participants in such FDPs. However, E&ICT-NITW do not assure or guarantees the Beneficiary Unit to organize FDP in an area of Beneficiary Unit's choice or at its choice of location. Beneficiary Unit can always request E&ICT-NITW to organize FDP in a particular area of Computer Science & Engineering, Information Technology, Electronics & Communication Engineering, but it is not binding on E&ICT-NITW to oblige such request and organize it. E&ICT-NITW always plan to organize FDPs covering basic courses, core courses, elective courses, thrust areas of Computer Science & Engineering, Information Technology, Electronics & Communication Engineering and the areas suggested by high level teams permitted by Ministry of Electronics & Information Technology, Government of India.

10. WARRANTY DISCLAIMER

E&ICT-NITW offers Faculty Development Programmes (FDPs), and Beneficiary Unit accepts, the FDPs "AS IS." E&ICT-NITW PROVIDES NO WARRANTIES AS TO THE FUNCTION OR USE OF FDPs, WHETHER EXPRESS, IMPLIED, OR STATUTORY, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE PRODUCT, MATERIAL, INFORMATION, QUALITY AND PERFORMANCE, OF FDP IS WITH E&ICT-NITW AND NIT Warangal SHALL IN NO EVENT BE LIABLE FOR ANY LOSS, DAMAGE, COST OR CONSEQUENCE RELATING TO THE USE OF THE FDP. E&ICT-NITW DOES NOT WARRANT THAT THE FUNCTIONS/CONTENT DELIVERY THROUGH THE FDPs WILL MEET BENEFICIARY UNIT'S REQUIREMENTS OR THAT THE OPERATION OF THE FDPs WILL BE UNINTERRUPTED OR ERROR FREE.

11. LIMITATION OF LIABILITY

IN NO EVENT SHALL E&ICT-NITW BE LIABLE FOR INDIRECT, INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES, INCLUDING LOSS OF USE, LOSS OF PROFITS OR INTERRUPTION OF BUSINESS OF BENEFICIARY UNIT, HOWEVER CAUSED OR ON ANY THEORY OF LIABILITY.

Du/Ameyal



12. INDEMNITY

Beneficiary Unit will defend, indemnify and hold harmless the E&ICT-NITW, its Chair, Chief Investigator, Co-Chief Investigator, members or employees or director and employees of NIT Warangal from and against all liability, damages, costs (including attorney's fees and expenses) arising out of any action brought against it (or any such party) based on a claim relating to the terms and conditions or the numbers of seats granted in this agreement.

13. NOTICES

All notices in connection with this Agreement shall be in writing and may be given by certified, registered, or mail or personally delivered at the address set forth on the front page. For purposes of this Agreement, a notice shall be deemed effective upon personal delivery to the party or if by mail five days after proper deposit in a mail box.

14. SUCCESSORS

This Agreement will be binding upon and will insure the benefit of E&ICT-NITW and Beneficiary Unit here to and their respective representatives, successors in interest and permitted assignees except as otherwise provided herein.

15. SEVERABILITY

In the event any provision of this Agreement is determined to be invalid or unenforceable, the remainder of this Agreement shall remain in force as if such provision were not a part.

16. GOVERNING LAW/FORM

This Agreement shall be governed and interpreted by the laws of the State of Telangana. The parties submit to the exclusive jurisdiction of the courts located at Hyderabad only.

17. NON-ASSIGNMENT

This Agreement and the seats granted by E&ICT-NITW may not be assigned, sublicensed, disseminated or distributed to any other party or otherwise transferred by Beneficiary Unit to any other institute/college/University or even to any other college/institute/university of their own management/administration located at a place different from the address of the Beneficiary Unit. Here, the "institutes located at different locations" means to institutes set up at different towns/cities/villages. However, two or more institutes owned by the same management/administration and located in the same town/city/village will be treated as a Beneficiary Unit.



18. ENTIRE AGREEMENT

This Agreement sets forth the entire understanding between the parties with respect to the subject matter hereof, and merges and supersedes all prior agreements, discussions and understandings, express or implied, concerning such matters. This Agreement shall take precedence over any additional or conflicting terms which may be contained in Beneficiary Unit's any other kind of agreements with NIT Warangal or with E&ICT-NITW or with any order or acknowledgement for E&ICT-NITW.

19. Arbitration:

All disputes shall be tried and resolved amicably by negotiations. Otherwise, it shall be referred to a sole arbitrator, to be appointed by the parties herein. under Indian Arbitration and Conciliation Act, 1996. The Jurisdiction of the court shall be at Hyderabad (capital of Telangana State) only.

IN WITNESS WHEREOF, the parties here in, have hereunto put their hands and seal on the day, month and year first hereinabove written.

Signature : *DVLN Somayajulu*
 Name : DVLN SOMAYAJULU
 Designation: Chair, E&ICT Academy
 For Electronics & ICT Academy
 National Institute of Technology
 Warangal, Telangana
 NIT War - 506 004. (T.S.)

DR. R. RATNAKAR
 DADI RATNAKAR
 CORRESPONDENT



For Dadi Institute of Engineering & Technology
 (DIET) National Highway-5, Anakapalle,
 Visakhapatnam-531002, Andhra Pradesh

Witnesses:

1. *K. Amarendra*. (Dr. K. Amarendra, Vice Principal, DIET)
2. *M. Srinivas*



.... The Thinking Store

Teck Team Solutions

2nd lane, Kranthinagar, Beside Jayabheri Maruti Showroom

Near Satyam Junction, NH-5, Visakhapatnam-13

Ph : 0891-6067555 Mobile : 888 633 2298

e-mail : teckteams@gmail.com Web : www.teckteamsolutions.com

Reg. No. 781 / 2014

Date :

About T.T.S :

Teck Team Solutions has its first foot print in 2009 in the field of science and technology with a firm commitment to offer innovative training in Electronics, Robotics and Embedded Systems.

We at TTS believe sound training principles for creative development and it would be a memorable platform for aspiring students at any given time.

We are young and dynamic group with a burning desire to offer the best technical expertise to each and every student in their chosen programs.

Our Guiding Principle :

Continuous learning and training methods are adopted for our team to give the best possible positive results.

Achievements :

We record with a sense of pride that our student teams have won many prizes in prestigious institutions like NIT's, IIT and other reputed universities. Trained 4000 plus students (School & Engg.) successfully.



Teck Team Solutions

2nd lane, Kranthinagar, Beside Jayabheri Maruti Showroom

Near Satyam Junction, NH-5, Visakhapatnam-13

Ph : 0891-6067555 Mobile : 888 633 2298

e-mail : teckteams@gmail.com Web : www.teckteamsolutions.com

Reg. No. 781 / 2014

Date :

Workshops :

We Organize Workshop's at schools and colleges with brief information about ROBOTICS & ELECTRONICS, where the student can view overall information at a glance and workout projects practically by constructing them.

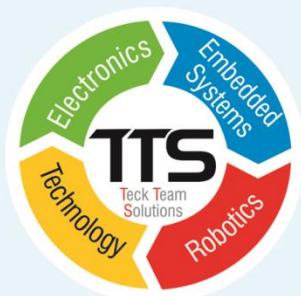
Internships :

We provide Internship programs to the students those want to develop the subject both in Theory and Practical work by participating in Institutes project works where they will be trained perfectly to meet the requirements in both the cases.

Training - Courses Offered :

At TTS we offer the course like Electronics, Robotics, Embedded Systems and Matlab exclusively for ECE and EEE students as they are interlinked in most of the areas, because of its paramount of importance and the need to meet the industrial requirements. Basic information on Electronics and Robotics are taught to school students. The course contents are broadly classified based on student's imagination, theoretical knowledge will be perfectly connected to practical and hands on experience with a relevance to their academics.

At TTS any course which you learn will have a cutting edge over others, thus every student will walk out with hundred percent confidences in the learned subject. Student once completed his/ her project work practical experience in specified topic thus, he/ she starts thinking to explore their imaginary projects to bring them to reality on their own.



.... The Thinking Store

Teck Team Solutions

2nd lane, Kranthinagar, Beside Jayabheri Maruti Showroom

Near Satyam Junction, NH-5, Visakhapatnam-13

Ph : 0891-6067555 Mobile : 888 633 2298

e-mail : teckteams@gmail.com Web : www.teckteamsolutions.com

Reg. No. 781 / 2014

Date :

A Four Day National Level Workshop on Mechatronics

This is a first of its kind workshop designed for the students to have a hands on practicals in Developing Advanced Robots and Programming them to an automated level. In this Workshop we make students to Study, Design, Construct and Operate Ten different Robots which are operated by ten different modules as mentioned in the Table. During this workshop Students will be given both Theoretical and practical knowledge required to understand and enhance the content.

We ensure that we provide the material required for the students to construct the robots and provide guidance to complete them successfully. After Construction of all the robots we have a session of demonstration with robots about their working and its applications by the students which will help them in their future presentations. During this workshop the below Mentioned topics are covered and Construction of Models as mentioned in the Table.

-
- | | |
|---------------------------------|--------------------------------------|
| 1. Basics of Robotics | 11. Designing of Basic Robots |
| 2. History of Robotics | 12. Practical Construction of Robot |
| 3. Definition & Types of Robots | 13. Developing New designs. |
| 4. Applications of Robots | 14. Introduction to Embedded systems |
| 5. Chassis | 15. Keil Software |
| 6. Motors | 16. Proteus Software |
| 7. Wheels | 17. Practical's on Software |
| 8. Switches | 18. Programming & Hex File |
| 9. Wires | 19. Interfacing Motors |
| 10. Battery | 20. Dumper kit & Software |



.... The Thinking Store

Teck Team Solutions

2nd lane, Kranthinagar, Beside Jayabheri Maruti Showroom

Near Satyam Junction, NH-5, Visakhapatnam-13

Ph : 0891-6067555 Mobile : 888 633 2298

e-mail : teckteams@gmail.com Web : www.teckteamsolutions.com

Reg. No. 781 / 2014

Date :

List of Robots and Modes of Operation

S.No	Type of Robot	Mode of Operation	Application
1	Step Climbing Robot	Wired	A four legged Robot which can get on the stair case with the locomotion of its legs.
2	Quad Copter /Drone	Wireless (RF)	A four wing Flying Robot which flies over air in all directions and operated with a High Frequency remote.
3	Line /Light Follower	Semi Autonomous	A Robot which Follows a Line or Light and moves accordingly without the use of programming.
4	Color Sensing Robot	Autonomous (Programmed)	A Robot which can identify the color of object and place them at respective Locations which is similar to Industrial Robots.
5	Pick N Carry Robot	Bluetooth (Android/Mob)	This robot is used to pick up different objects and carry them to destination and it is operated by android Mobile.
6	Fire Fighting Robot	XBEE/ Zigbee (Laptop/PC)	A Robot which is used in fire accidents and reduces fire with the help of water sprinklers.
7	Multi Sensor Robot	GSM (S.M.S)	This robot is equipped with different sensors and sends a notification via SMS to the user.
8	Football Robot	Wi-Fi/ Ethernet	This football player robot plays the game as a real football game which is operated over Internet/Wi-Fi Module.
9	Military Rover	DTMF (MobileKeypad)	This Robot is designed for Military applications and used at different terrains which are operated by DTMF signals.
10	Water Robot	Wired	It's a Water robot which is made with a light weight material and which can traverse in different direction on water.



.... The Thinking Store

Teck Team Solutions

2nd lane, Kranthinagar, Beside Jayabheri Maruti Showroom

Near Satyam Junction, NH-5, Visakhapatnam-13

Ph : 0891-6067555 Mobile : 888 633 2298

e-mail : teckteams@gmail.com Web : www.teckteamsolutions.com

Reg. No. 781 / 2014

Date :

Requirements for Work shop:

1. Projector and screen
2. Mike with Speakers
3. Seminar Hall/ Classroom (60)
4. Extension Boards (3)
5. Faculty (1)

Our approach:

1. Sessions will be conducted by real time experienced Electronics and Robotics professionals.
2. In this duration we take some sessions which contains less theory part and more lab work.
3. Covers many topics from basic fundamentals to advanced concepts.
4. Practice on several circuits and robots.
5. Example projects with real time approach.



.... The Thinking Store

Teck Team Solutions

2nd lane, Kranthinagar, Beside Jayabheri Maruti Showroom

Near Satyam Junction, NH-5, Visakhapatnam-13

Ph : 0891-6067555 Mobile : 888 633 2298

e-mail : teckteams@gmail.com Web : www.teckteamsolutions.com

Reg. No. 781 / 2014

Date :

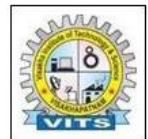
6. On each interfacing we will give some time to students to do an assignment projects.

Note:

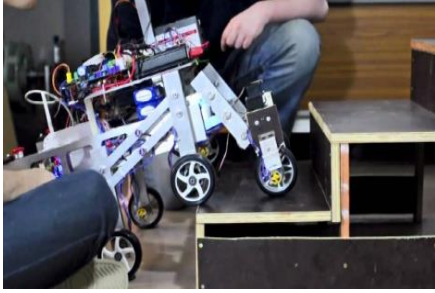
1. Duration of the workshop is four (4) days.
2. Maximum number of Students allowed is Sixty (60).
3. Each Team contains six (6) members.
4. Total number of Teams ten (10).
5. Each Team will be assigned with one Model of Robot.
6. Fee per student is Rs 1400/-
7. Each student will be provided Certificate, Booklet and Material regarding Workshop.

Our Face book page is www.facebook.com/TeckTeams

Our previous Clients :



1. Step Climbing Robot :



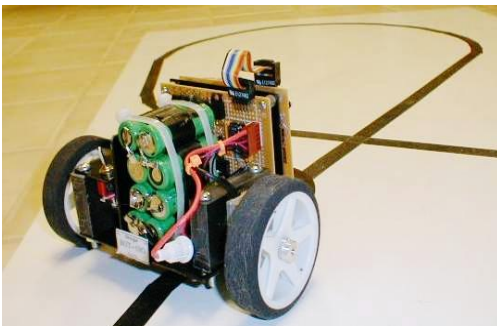
One of the fascinating new technologies in the field of robotics is the walking and climbing machines. Though, most of the realized vehicles are still walking and climbing in the labs of research institutes and is subject of investigation, some of them arise already on construction sites and with many more advances.

2. Quad-Copter :

A quad copter, also called as a quad rotor or helicopter or a multi rotor helicopter that is lifted and propelled by four Motors. Quad copters are classified as rotorcraft, as opposed to fixed-wing aircraft, because their lift is generated by a set of rotors (vertically oriented propellers). The main advantage is that they can view all aspects of the planes without the need for special platforms.



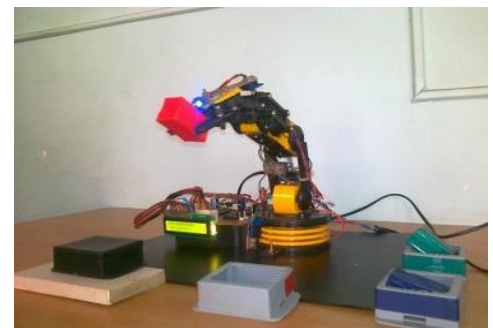
3. Line Follower Robot :



The line following robot is one of the self-operating robots that detects and follows a line drawn on the area. The line is indicated by white line on a black surface or black line on a white surface. This system must be sense by the line. This application is depends upon the sensors these sensors mounted at front end of the robot. The microcontroller is an intelligent device; the whole circuit is controlled by the microcontroller.

4. Color Sensor Robot :

The Modern Robotics Color Sensor detects the color of an object using reflected light or the color of light from an external light source. Industries today are approaching to use color sensor to full fill their needs for a higher production and precise quality .These color sensor are great in detecting and tracking colored lines and determining the color of the object and segregating them.



5. Pick & Carry Robot :



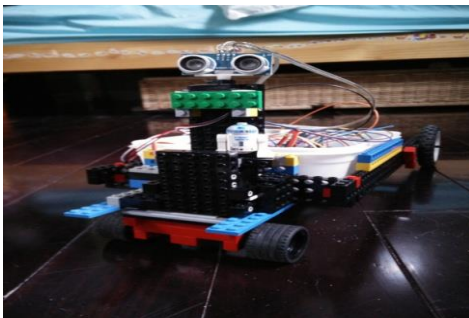
Robots are indispensable in many manufacturing industries. The reason is that the cost per hour to operate a robot is a fraction of the cost of the human labor needed to perform the same function. So in order to reduce human effort Pick and Carry robot is used, once it is programmed, it is repeatedly performed functions with a high accuracy that surpasses that of the most experienced human operator.

6. Fire Fighting Robot :

There are many possibilities to get fire in an Industry or any remote areas. For example, in cotton mills, garments, fuel storages, etc., electric leakage causes huge damage also it's a worst case scenario, which cause heavy loss not only financially also surroundings got affected. Nowadays the Fire Extinguishers are implemented in industries, which is mostly manual one or sensible announces one.



7. Multi Sensor Robot :



Multisensory robot is an emerging technology which is used for automated target recognition, battlefield surveillance, and guidance and control of autonomous vehicles, and to non-DoD applications such as monitoring of complex machinery, medical diagnosis, and smart buildings. Techniques for multisensory robot are drawn from a wide range of areas including AI, pattern recognition, and statistical estimation.

8. Football Robot :

Football robot is a robot which is capable of playing football. Football is a clearly defined area in which to play the game. Scoring goals or points, by moving the ball to an opposing team's end of the field and either into a goal area, or over a line. Goals or points resulting from players putting the ball between two goalposts. Applications are performed with precision and high repeatability every time.



9. Military Rover:



A **Rover** is an automated motor vehicle that propels itself across the surface of the planet. Rovers have several advantages over stationary Landers they examine more territory, and they can be directed to interesting features, they can place themselves in sunny positions to weather winter months, and they can advance the knowledge of how to perform very remote robotic vehicle control.

10. Under Water Robot:

A water robot is a type of Robotic Application where the Robot Works in Water. In this application it is also used to clean water & collect object floating on water. Participants will be taught to make a robot that can float on water and have a mechanism to pick up objects floating in the water. Robot will be controlled via wired remote control attached to the robot.

