



**Pantech
Solutions
India Pvt Ltd.**



pantech

PRODUCT CATALOUGE

A Product Development and Training Company

2024

“ Our mission is to help **10 Million People to
Learn the Technology in Easy Way ”**

Motivation
is the
catalyzing
ingredient
for every
successful
innovation.

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EDUCATION & TRAINING GOVT- ASSOCIATIONS

Pantech Group of Companies has been associated with Premiere Educational Institutes as a technical resource partner for Webinars, Workshops, and Internships. Multiple Engineering Domains in Engineering and non-engineering Domains on the latest technological trends such as IoT, Augment and virtual Reality, Raspberry Pi and Data Science, and several other programs with Hands-on Training make our Training Unique and in lieu with the latest industrial standards



DTE - Karnataka



DTE - Telangana



TNSDC



TNSDC-NM



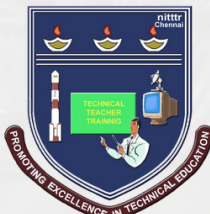
APSSDC



KSDC



NITK Surathkal



NITTTR Chennai



IETE Chennai



IIPM Kansbahal

Pantech E-Learning hosted various programs in association with Premiere Institutions across India.

TNSDC, KSDC, APSSDC, NITK Sutathkal, MNIT Jaipur, IIITDM Kancheepuram, IETE Mumbai,

NITTTR Chennai, IIPM Kansbahal, CEOL - Raichur, and LEAP - AP are to mention a few.

all our technical trainings be it FDPs, Workshops, Webinars, Value Added Programs, or Virtual Internships are customized with Hands-on Training sessions, wherein the participants learn through the best learning experience - By Doing !



INTERNSHIPS

Pantech group offers online / offline internships in association with the above premiere institutions to provide value added internship opportunities to the student and staff community making them future ready



NATIONAL LEVEL WORKSHOPS

Hands on workshops scheduled every weekend to provide updates in the latest trending technologies to the community. Technologies are handpicked and in lieu with international standards and expectations



**Pantech
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India Pvt Ltd.**

Memorandum of Understanding (MoU)



Karnataka State Higher Education Council

Government of Karnataka



Shri. JAGADEESHA G, IAS

COMMISSIONER
DEPARTMENT OF COLLEGIATE AND TECHNICAL
EDUCATION, GOVERNMENT OF KARNATAKA

Dr. M.C. Sudhakar

HIGHER EDUCATION MINISTER
GOVT OF KARNATAKA

Mr.N.Srinivasan

DIRECTOR-MARKETING
PANTECH

Mr.M R Senthil Kumar

DIRECTOR-OPERATIONS
PANTECH

Mr. Rajesh Dharmani

TECHNICAL EDUCATION MINISTER
GOVT OF HIMACHAL PRADESH

Mr. M.Malaiyappan

DIRECTOR-TECHNICAL
PANTECH

MEMORANDUM OF E SIGNED A MEMORANDUM OF UNDERSTANDING (MOU) BETWEEN THE KARNATAKA MINISTRY OF HIGHER EDUCATION AND PANTECH SOLUTIONS TO ENHANCE THE FACULTY AND STUDENT DEVELOPMENT PROGRAMME FOR KARNATAKA POLYTECHNIC AND ENGINEERING COLLEGES!



Memorandum of Understanding (MoU)



DEPARTMENT OF COLLEGIATE & TECHNICAL EDUCATION

Govt of Telangana



MOU SIGNING CEREMONY

SHRI AVULA SWAMI
DEPUTY DIRECTOR

N.SRINIVASAN
DIRECTOR
PANTECHELEARNING.CHENNAI

SRI NAVIN MITAL
COMMISSIONER
TECHNICAL & COLLEGIATE EDUCATION
GOVT OF TELANGANA

SHRI A PULLAIAH
REGIONAL JOINT DIRECTOR
OU REGION, DTE,TELANGANA



Letter of Appreciation (APSSDC)

Dr. Ravi Gujjula, Ph.D (IIT-Hyd)
Chief General Manager
Andhra Pradesh State Skill Development Corporation



3rd floor, Infosight Building, Survey No. 78/2,
Near Paathuru Road Junction,
NH 16 Service Road, Tadepalle,
Andhra Pradesh - 522501
e-Mail: cgm.t@apssdc.in

TO WHOMSOEVER IT MAY CONCERN

We highly appreciate M/s. Pantech e-Learning Pvt. Ltd. for imparting various training programs through Andhra Pradesh State Skill Development Corporation (APSSDC) on various emerging technologies for the students of Andhra Pradesh state.

A total of 91184 students of Andhra Pradesh got benefited with their active participation in the programs like **Artificial Intelligence, Machine Learning, Data Science, IoT, EV Design, Python, MatLab, AR/VR, Fullstack with Java Programming**, etc. The offered courses help students to excel in their academic career.

We personally Thank you for enabling students and faculty to pursue insights on the emerging technologies. We wish M/s. Pantech e-Learning Pvt. Ltd. for a bright future ahead and their solid bonding & future commitment in deploying valuable programs to the state of Andhra Pradesh.



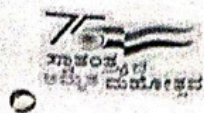
Chief General Manager (Technical)

Andhra Pradesh State Skill
Development Corporation
Dept. of Skill Development & Training
Govt. of A.P. Vijayawada, A.P.

Department of Skills Development and Training, Govt. of AP



Development of E-commerce website, SEO Optimisation, Digital marketing, Video creation and optimisation in Karnataka State under Stree Samarthya Yojana (SSY) Programme



Office of the Mission Director, National Livelihood Mission

Department of Skill Development, Entrepreneurship and Livelihood

No: KSRLPS/LH-NP/41/2022-23

Date : 12.03.2023

:: Work order ::

Sub: Hiring of Technical Support Agency (TSA) to undertake Development of E-commerce website, SEO Optimisation, Digital marketing, Video creation and optimisation in Karnataka State under Stree Samarthya Yojana (SSY) Programme.

Ref: 1. Tender Notification Number: KSRLPS/LH-NP/41/2022-23 dated: 01/02/2023
2. This office Acceptance Letter No. KSRLPS/LH-NP/41/2022-23, Dt:06.03.2023
3. Performance Guarantee Submit Dated: 09.03.2023

With reference to the subject cited above; vide ref(1) Short term Request for proposals were invited for the purpose of Hiring of Technical Support Agency (TSA) to undertake Development of E-commerce website, SEO Optimisation, Digital marketing, Video creation and optimisation activities in Karnataka State under Stree Samarthya Yojana (SSY) Programme.

Further, through vide ref (2), letter of Acceptance, it was requested to submit the security deposit as stipulated in Clause No.8.1 of Short term Request for proposals with and upon signing of the contract agreement for the Service of Tender Price of

Vide ref (3), your firm has submitted the Performance Guarantee; therefore you are hereby instructed to proceed with the execution of the said Service in accordance with the Memorandum of Understanding (MoU) conditions.

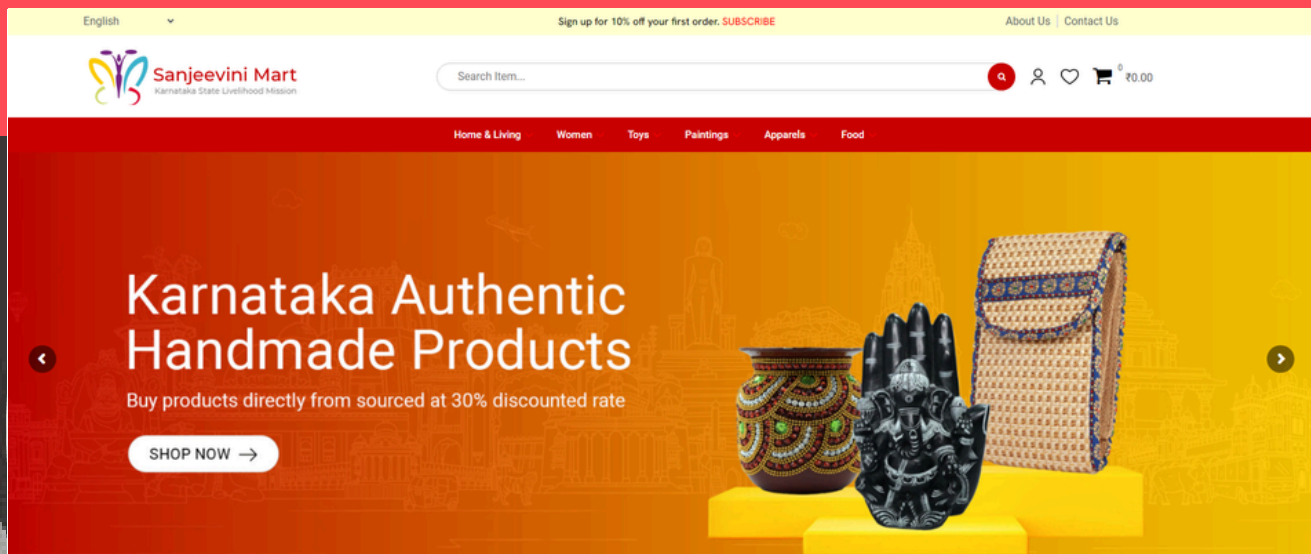


(Dr.)
Mission Director,
National Livelihood Mission,
Bangalore.

To,
Sri. Senthilkumar M.R,
Director,
M/S. Pantech E-Learning Pvt Ltd,
8, Natarajan Street,
Nookampalayam Link Road,
Cemmancherry, Chennai-119.



Development of E-commerce website, SEO Optimisation, Digital marketing, Video creation and optimisation in Karnataka State under Stree Samarthya Yojana (SSY) Programme



Step into a world where tradition meets innovation, where artisans weave dreams into every thread, carve history into each wooden masterpiece, and infuse love into every jar of homemade delicacy. From intricately designed handicrafts to tantalizing food items, from eco-friendly toys to ethereal cosmetics, our curated collection showcases the essence of Karnataka's rich cultural heritage.

Timeless Masterpieces Created by Karnataka's Highly Acclaimed Master Artisans

- Curated from across the State of Karnataka
- Premium quality at affordable prices
- Guaranteed Authenticity
- Each design has a legacy for generations



Mission:

We are on a mission to become India's premier destination for handcrafted treasures. Our focus is on curating the finest artisanal products from Karnataka, preserving our rich heritage while providing economic upliftment to rural artisans. As we strive to be the number one choice for discerning Indian shoppers, each purchase supports our commitment to promoting local craftsmanship and sustainable living. We champion the beauty of handmade goods, celebrate our cultural heritage, and pave the way for a brighter future for artisans across Karnataka.



100% Purchase Protection



Secure Payment



Assured Quality



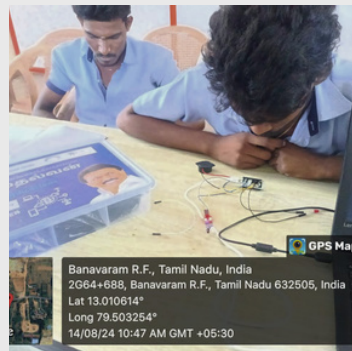
100% Original Products



**Pantech
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**GOVERNMENT OF
TAMILNADU TAMILNADU SKILL DEVELOPMENT CORPORATION
NAAN MUDHALVAN PROGRAMME**





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**GOVERNMENT OF TAMILNADU
TAMILNADU SKILL DEVELOPMENT CORPORATION
NAAN MUDHALVAN PROGRAMME**

NAAN MUDHALVAN

Naan Mudhalvan platform aims to provide dynamic information for college students on courses and relevant information about industry specific skill offerings. This will enable the students of TamilNadu to get training in their chosen field of interest that will help them in achieving their career goals.

The objective of this scheme is to identify potential training providers, to impart various skill trainings based on current industry gaps. Through this flagship program the students will be able to get trained and ensure they get jobs according to their skill sets. We will also offer career and academic guidance to students in state educational institutions.



IMAGE PROCESSING

No Students Trained : 2332

Classroom Training | LMS Taining | 15 Projects
Lab Practical Conducted | Review & Doubt sessions online



EV DESIGN

No Students Trained : 1300

Classroom Training | LMS Taining | 15 Projects
Lab Practical Conducted | Review & Doubt sessions online



INTERNET OF THINGS

No Students Trained : 5577

Classroom Training | LMS Taining | 15 Projects
Lab Practical Conducted | Review & Doubt sessions online



PCB DESIGN

No Students Trained : 3523

Classroom Training | LMS Taining | 15 Projects
Lab Practical Conducted | Review & Doubt sessions online

Total No. of Naan Mudhalvan Students Trained : 12,732





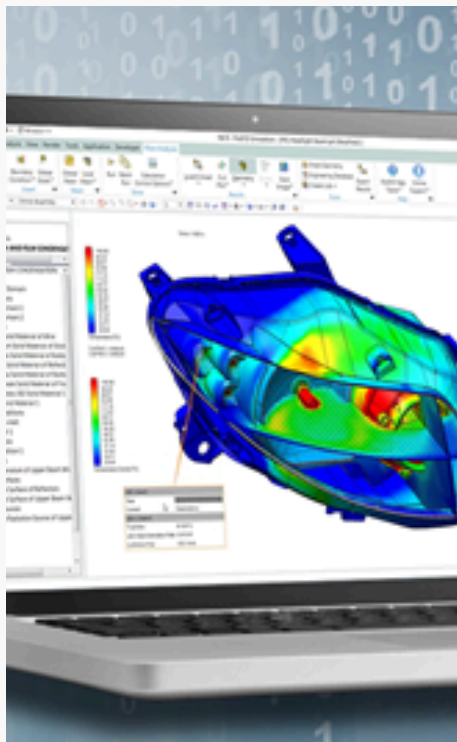
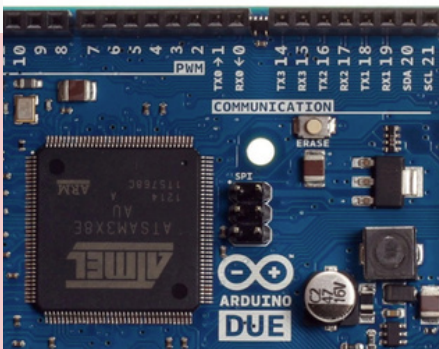
Product Portfolio



**Pantech
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Pantech Group of Companies founded **18 years ago**, has been complementing its academic activity at the undergraduate, graduate, and doctoral levels. Salute its dedicated R&D team for these seminal accomplishments, including setting up its own campus across Major Cities in India, Establishment of a dedicated Team of Professionals for Article Publications in Various Journals, and much more in a short-span of time

- SOFTWARE SOLUTIONS
- SIMULATION SOLUTIONS
- EMBEDDED SOLUTIONS
- ELECTRICAL SOLUTIONS



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Product Overview



LAB KITS & SYSTEMS

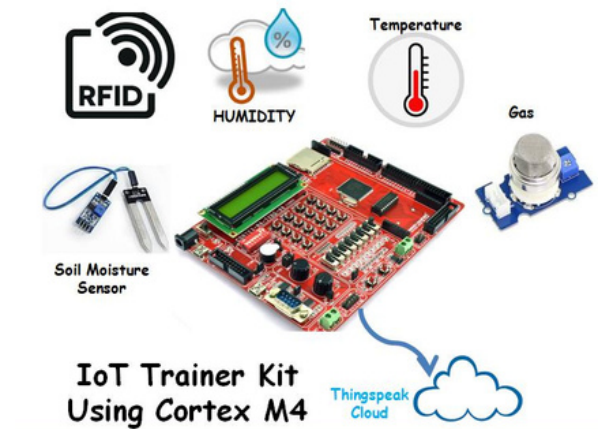
1. IOT Lab
2. AI Innovation Lab
3. Robotics Lab
4. 5G Communication Lab
5. Autonomous Vehicle Research Lab
 - Outdoor Navigation
6. Self-Driving Car Development Lab
 - Indoor Navigation
7. Electric Vehicle Research Lab
8. Brain Computer Interface (BCI) Lab
9. DSP Lab
10. VLSI Lab
11. Microprocessor & Microcontroller Lab
12. Power Electronics Lab
13. Advanced Power Electronics & Drives Lab
14. Electric Vehicle (EV) Lab
15. Renewable Energy System Lab
16. Test & Measurement Equipment
17. PCB Fabrication Trainer Kit
18. Control System Lab
19. Analog & Digital Communication Lab
20. Measurement & Instrumentation Lab
21. Fiber Optics Lab





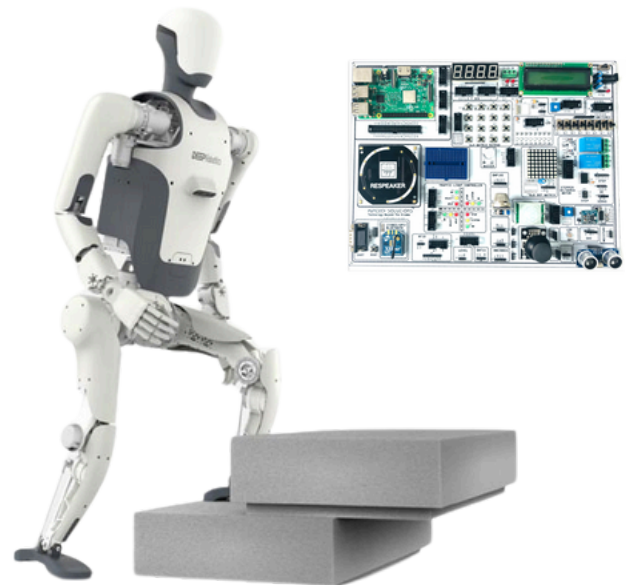
IOT LAB

- CORTEX M4 - IoT Trainer Kit
- ARDUINO Trainer Kit
- RASBERRY PI - IoT Trainer Kit
- Sensors - 40+ Sensors & Actuators
- Communication - GSM, WIFI, ZIGBEE, BLUETOOTH, LOARA
- SUPPORTING CLOUD- THINKSPEAK, GOOGLE, AWS
- JETSON NANO NVIDIA Development Board
- STM32 Development Board
- ARM7 Development Board
- MSP430 Development Board



AI LAB

- AI Development Kit
- Machine Learning Development Suit
- INTEL AI Development Modules
- INTEL REALSENSE
- Camera : HD, Binocular, Machine Vision
- AI Robot Trainer Kit
- Sensors for AI
- Dataset Creator
- SLAM Robot
- INTEL AI OneAPI
- INTEL Movidius Stick



ROBOTICS LAB

- Brain controlled Robot
- Gesture controlled Robot
- Line follower robot
- Obstacle avoidance Robot
- Quad Robot Development Suite
- Multipurpose Robot arm



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5G Communication Lab

- 5G Development Kit
- Software Defined Radio
- Ericsson 5G Radio Testbed
- 5G Network Simulators
- LTE Cellular Modem Kit
- Vector Network Analyser
- Spectrum Analyser Signal Generators



Autonomous Vehicle Research Lab – Outdoor Navigation

- 4 Wheeler Battery Electric Vehicle Test Vehicle
- Electronic Steering Control Trainer System
- Embedded PC : NVIDIA & INTEL
- Lidar for EV - Velodyne, GEOSLAM
- AI Stereo Camera, Imaging radar
- ADAS Development Kit
- Track Simulators
- RADAR AND CAMERA CALIBRATION KIT



Self Driving Car Development Lab – Indoor Navigation

- Self Driving Car Model
- Traffic Lane Path Systems
- Data Logging and Analysis
- Vehicle-to-Vehicle Communication Trainer Kit
- Deeplearning Server
- Mapping and Localization Model
- Machine Learning, Sensor Fusion , Path Planning and Control



Electric Vehicle Research Lab

- EV Hub Motor Trainer Kit
- Power Train Trainer Kit
- Battery Management System Trainer Kit
- Solar Powered EV Charger Trainer Kit
- Automotive Communication Trainer Kit
- 2 Wheeler Electric Test Vehicle
- 3 Wheeler Electric Test Vehicle
- 4 Wheeler Electric Test Vehicle





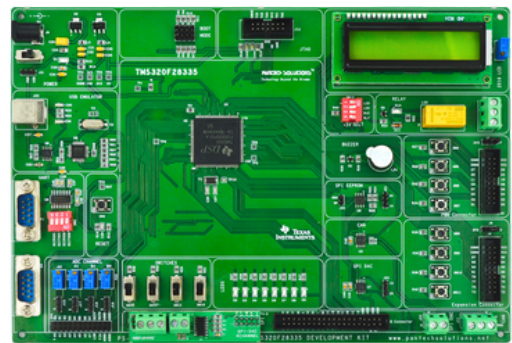
Brain Computer Interface (BCI) Lab

- Mindwave Mobile 2
- 1/4/8/16/32 Channels Bio Sensing Bundle
- EMOTIV EPOC, INSIGHT EEG Device
- Raw EEG Visualizer
- Brain Computer Controlled Car
- Brain Controlled Game
- EEG Electrode



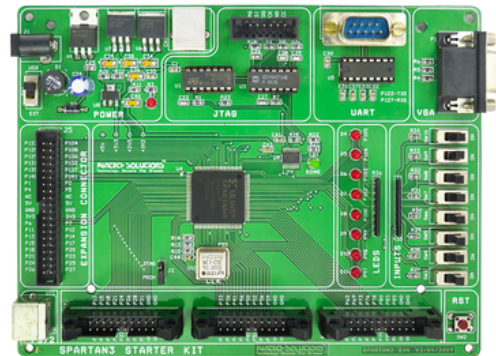
DSP LAB

- **FIXED POINT DSP'S:** TMS320C5XX
- **FLOATING POINT DSP'S:** IMAGE PROCESSING DEVELOPMENT BOARD, TMS320C67XX, LOW-COST DSP PROJECT BOARDS
- **MOTOR CONTROLS DSP'S:** TMS320F2812, TMS320F28335



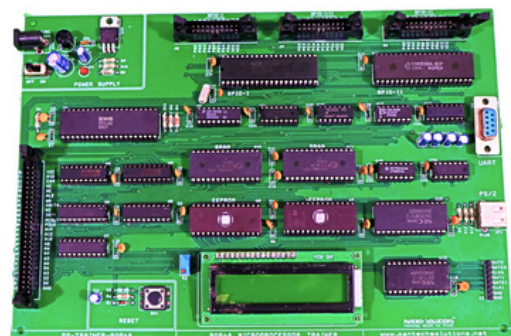
VLSI LAB

- ALTERA CYCLONE 2 - Development Board
- ALTERA CYCLONE 3 - Development Board
- ALTERA CYCLONE 4 - Development Board
- ALTERA CYCLONE -10 Development Board
- MAX10 FPGA BOARD
- FPGA SOC DEVELOPMENT BOARD



Microprocessor & Microcontroller Lab

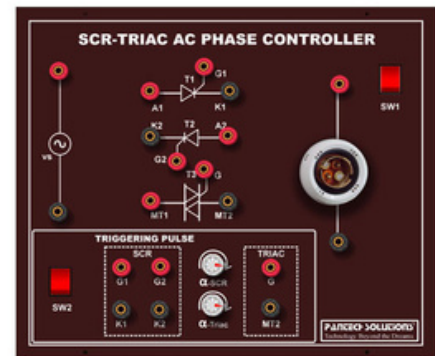
- 8085 μ p, 8086 μ p & 8051 μ p - USB Trainer KIT
- ARM 7 & ARM 9 - Development Board
- ARM CORTEXM4 - Development Board
- PIC 16/18 F & dSPIC - Development Board
- MSP430 - Development Board,
- ARDUINO - Development Board



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Power Electronics LAB

- V-I Characteristic of SCR/TRIAC/MOSFET/IGBT
- 1 ϕ & 3 ϕ Half, Fully & AC Voltage Controlled Converters
- 1 ϕ & 3 ϕ PWM Inverters, Buck, Boost DC-DC Converters
- R, RC & UJT Triggering Module, Cyclo - Converters
- Dual & Matrix Converters, Multi-Level Inverters
- Voltage / Current commutated DC-DC Converters



Advanced Power Electronics & Drives

- Intelligent Power Motor Model
- Motors: SRM, PMSM BLDC ACIM, PMDC, stepper motor, Flux motor, Linear ACIM
- Controllers: TI DSPC2000, Xilinx Spartan-6, dsPIC30f4011, Simulink Real-Time Control



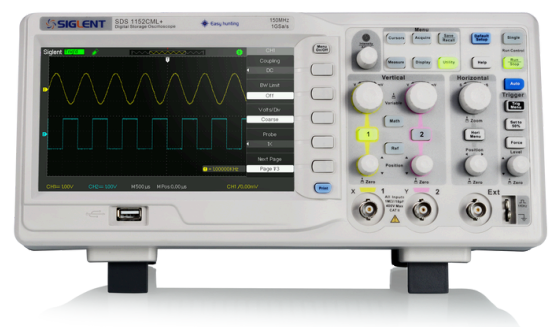
RENEWABLE ENERGY SYSTEM LAB

- MPPT trainer KIT
- Standalone PV module trainer kit
- Solar system analyzer
- Solar array simulators
- Micro-grid trainer kit
- Grid tie inverter trainer kit



TEST & MEASUREMENT EQUIPMENTS

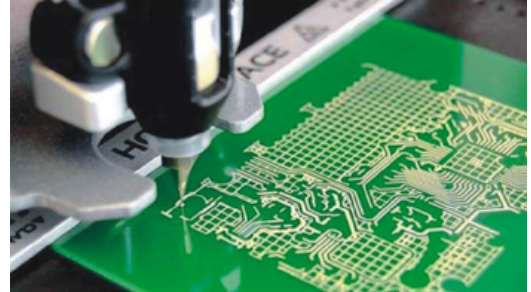
- CRO, DSO, function generator
- Power supplies, Multimeters,
- LRC meters, LOGIC analyzers
- Network analyzer, Spectrum analyzer
- Digital IC & trainer kit



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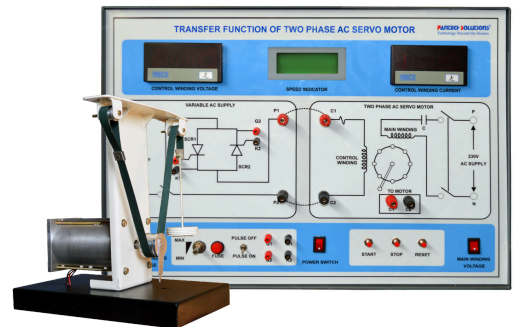
PCB FABRICATION & TESTING LAB

- PCB printer
- PCB Mining & Cutting UV light exposure
- PCB Short circuit locator
- V I Signature Analyzer
- Single Layer PCB Prototyping Machine
- Double Layer PCB Prototyping Machine
- PCB Accessories - Copper Clad Board, Cements



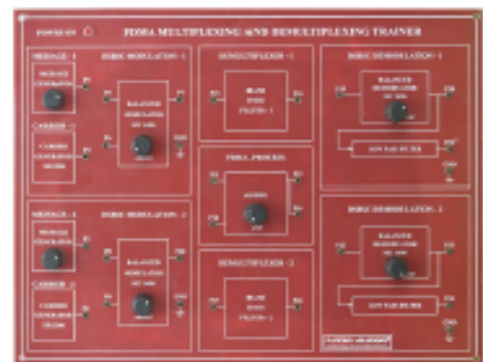
Control Systems LAB

- AC & DC SERVOMOTOR TRANSFER FUNCTION
- AC & DC POSITION CONTROL, DC MOTOR TRANSFER FUNCTION PROCESS CONTROL, TYPE 0, TYPE 1, 1st ORDER & 2nd ORDER SYSTEM LEAD LAG NETWORK
- SYNCHRO TX & RX & CONTROL SYSTEM SIMULATIONS



ANALOG & DIGITAL COMMUNICATION

- PAM, PPM, PWM
- PCM, AM/FM Transceiver
- DM, TDM, ANALOG / SAMPLING
- ASK, FSK, PSK, QPSK
- DELTA / ADAPTIVE DELTA
- AM FM MOD / DEMOD
- PLL & DREQ SYNTHESIZER
- ANTENA Trainer Kit & Software Defined Radio Development Kit



Scan this QR to get the Product quotation

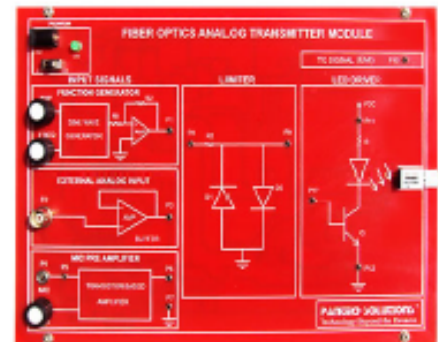
Power Electronics Trainer Kit

- Rectifier Trainer Kit using TI Launchpad XL TMS320F28027F
- Cycloconverter Trainer Kit
- Muti-Level Trainer Kit
- AC Motor Control Kit
- Dc Motor Control Kit
- 1 ϕ & 3 ϕ Inverter Trainer kit



FIBER OPTICS LAB

- Fiber optics photodiode
- Fiber optics laser diode
- Analog Transmitter & Receiver
- Digital Transmitter & Receiver
- Laser trainer kits
- Optical power source
- Power meter



MEASUREMENT TRAINERMEASUREMENT & INSTUMENTS LAB

- AC & DC bridges, LVDT, load cell
- Strain Measurement trainer kits
- Thermocouple & Thermister RTD
- Measurement trainer kits
- Pressure Measurement trainer Lab
- Flow Measurement trainer Lab
- Strain Measurement trainer Lab
- Calibration 1 & 3 PH energy



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**Pantech
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MoU with NITTTR Chennai

GIVEN THIS APRIL 03, 2023

NITTTR Chennai inks MoU with PANTECH E-learning Pvt. Ltd, Chennai for Academic Cooperation and Research Collaboration.



in association with Karnataka Skill Development Corporation (KSDC)

GIVEN THIS AUGUST 31, 2023

3 Month Skill Development Training on AI in association with Karnataka Skill Development Corporation (KSDC), Pantech eLearning



Associate with Naan Mudhalvan, TNSDC & NITK STEP

GIVEN THIS MARCH 20, 2023

associate with Naan Mudhalvan, TNSDC & National Institute of Technology (STEP), Karnataka to launch a Virtual Internship Program with Project Hackathon.





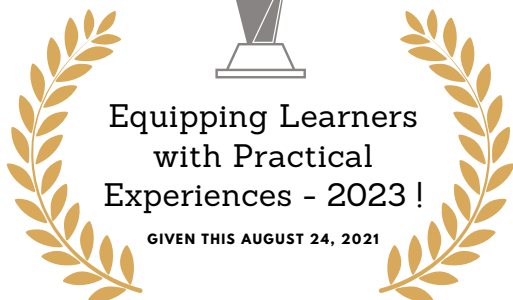
**Pantech
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India Pvt Ltd.**



**TOP 10 BEST
LEADERS IN E
LEARNING - 2021 !**

GIVEN THIS AUGUST 24, 2021

It's more than a Decade of persistence, Passion and Focus. More than all these things a big success comes when you have a BIG Vision.



**Equipping Learners
with Practical
Experiences - 2023 !**

GIVEN THIS AUGUST 24, 2021

To Educate 10 Million Students to achieve their career goals towards education and technology Learning at the fast pace



**FPGA Learning Kit
with Intel**

JANUARY 24, 2024

Innovate and bring their ideas to life. Whether you're a student, hobbyist, or professional, this kit opens up a world of possibilities in digital design and embedded systems.



**Recognized and certified by the
CEO Insights India Magazine**



“ 80 percent of the curriculum Of pantech training program Addresses the practical Approach with realtime Projects, instead of Theoretical form ”

**Recognized and certified by the SiliconIndia
India Magazine**



TECHNOLOGY PROGNOSIS

- **Year | Technology Employed / Used**
- **2004** | 8051 / PIC & Image Processing, MATLAB, JAVA
- **2005** | AVR Controller, Power Electronics, Dotnet Applications
- **2006** | Spartan 3 FPGA's, Power Systems & Optimization Techniques
- **2007** | ESD 8051, PIC , AVR, ARM & Network Simulator
- **2008** | Analog Devices BF 532 & ADSP 21065
- **2009** | TI XDS 100 Emulator, TI TMS 320F2812 / 28335 A
- **2010** | Communication Kits, Zigbee, Wi-Fi, GSM GPS & Analog Sensors
- **2011** | Control System, Communication Trainer Kits
- **2012** | ARM 9 , TI MSP 430 , P-Soc, Spartan 6
- **2013** | Power Electronics & Drives , Cloud Computing
- **2014** | Arduino, Linux Porting, ARM Cortex, Big Data, Hadoop
- **2015** | WEKA, Brain Wave Analysis, Quadcopters
- **2018** | Machine Learning, Open CV, IoT & NLP
- **2019** | Deep Learning, AI Robots, and AR / VR
- **2020** | Mixed Reality, Green Energy and EV Design
- **2021** | LMS Mobile Setup, E-Learning Verticals
- **2022** | eCommerce, EV Prototype
- **2023** | Autonomous Vehicle, PCB Prototype & CyberDog

CONTACT US



**Pantech
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India Pvt Ltd.**

We value your business, comments, and questions. Please fill in the contact form on the left if you have any queries or suggestion regarding the services we provide, you will immediately be responded by our executives. We are always here at your service and we will respond to your message promptly.

HEAD OFFICE

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CHENNAI OFFICE

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HYDERBAD OFFICE

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Scan QR to Submit Requirements



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