



अखिल भारतीय तकनीकी शिक्षा परिषद्  
All India Council for Technical Education

ISO:9001:2015 CERTIFIED

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# SIRINTEL TECHNOLOGIES

**IT TRAINING & DEVELOPMENT**

**VISIT [WWW.SIRINTEL.COM](http://WWW.SIRINTEL.COM) FOR DETAILS**  
**AICTE APPROVED ORGANIZATION**  
**TRAINER: SHIVALI S Ph: +91-8971279127**



SCAN QR CODE

## **ABOUT US**

**SIRINTEL TECHNOLOGIES IS A TOPMOST SERVICE PROVIDER BASED ON INFORMATION TECHNOLOGY (IT), WHO ENSURES TO PROVIDE ESSENTIAL SOLUTION FOR SOFTWARE NEEDS WITH PREMIUM RESULTS. WE HAVE A TEAM OF PROFESSIONALS WHO ARE HIGHLY UNSWERVING AND FOCUSED ON FIRST-CLASS CUSTOMER SERVICE TO EARN THEIR FULLEST CONTENTMENT. OUR MAIN AIM IS TO BRING SUREFIRE RESULTS THROUGH OUR HARD WORK IN ORDER TO DEVELOP ENDURING RELATIONSHIPS WITH OUR CUSTOMERS. WE VANITY OURSELVES FOR HAVING PIONEERING TALENT AND AGILITY FOR OFFERING RIGHT SOLUTION FOR OUR VALUABLE CUSTOMERS AND IN PROVIDING THEM WITH A WONDERFUL SUPPORT NETWORK WHICH IS MORE ANALOGOUS TO DEVELOP PERSONAL RELATIONSHIP APART FROM JUST CREATING BUSINESS PARTNERSHIP.**

## **WE ARE RENOWNED TO OFFER EXPERT DELIVERY OF SERVICES!**

**OUR CAMPAIGN HAS OWNED SOLID REPUTATION THROUGH PROFESSIONALISM AND NOT THROUGH NONSENSE APPROACH TO MEET THE CHALLENGES PRESENTED BY OUR CUSTOMER'S SUPPORT REQUIREMENTS AND ONGOING NEEDS. WE ARE RENOWNED TO OFFER EXPERT DELIVERY OF SERVICES THROUGH OUR HIGHLY-TRAINED AND QUALIFIED TECHNICIANS. LATEST ADVANCEMENTS TO IT SERVICES HAD LAGGED HUMAN RESOURCES, NEW TECHNOLOGIES AND SKILL LEVEL CHALLENGES ARE THE SIGNIFICANT REASONS TO GET OUR HELP TO TRANSFORM BUSINESS OPERATIONS WITH VITAL METHODS WHICH YOU WANT. OUR CUSTOMERS BELONGING TO VARIOUS NICHES HAVE GAINED SIGNIFICANT RESULTS IN BUSINESS BY EMPLOYING OUR TOP-NOTCH SOLUTION AND HAVE APPRECIATED US FOR HARD WORK AND EFFORTS. WE ALWAYS RANK NUMBER ONE IN SATISFACTION OF CUSTOMERS.**

## **WHY IN-PLANT TRAINING IMPORTANT**

**IPT, ALSO KNOWN AS INPLANT TRAINING, IS A WIDELY SOUGHT AFTER PRACTICE REQUIRED BY THE STUDENTS. THE MAJOR PURPOSE OF INPLANT TRAINING WOULD BE TO POLISH THE KNOWLEDGE ACQUIRED THROUGH ACADEMICS WITH THE ENHANCED ASSISTANCE OF INDUSTRY PRACTICES. STUDENTS WHO HAVE UNDERGONE INPLANT TRAINING ARE WELCOMED BY THE COMPANIES AS THEY ARE WELL ACQUAINTED WITH SUCH KIND OF TRAININGS. IT IS LIKELY THAT THE ACADEMIC STUDIES ONLY IMPARTS THEORETICAL KNOWLEDGE TO THE STUDENTS AND THESE INPLANT TRAININGS PAVE WAY FOR STUDENTS TO GAIN A PRACTICAL KNOWLEDGE OF WHAT THEY LEARNED THEORETICALLY AND FROM COMPUTERS. WITH INPLANT TRAININGS, STUDENTS CAN EXPERIENCE THE EXPOSURE TOWARDS INDUSTRIAL HAPPENINGS, AS THEY ARE LIABLE TO WORK IN SUCH CONDITIONS RIGHT AFTER THEIR STUDIES.**

## **BENEFITS OF IN-PLANT TRAINING**

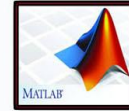
**IN PLANT TRAINING (IPT) WILL OFFER AN INDUSTRIAL EXPOSURE TO THE COLLEGE STUDENTS IN ORDER TO DEVELOP THEIR CAREER IN THE MANNER FOR OF HIGH TECH INDUSTRIAL NEEDS. WE ARE OFFERING IN PLANT TRAINING TO THE STUDENT. HERE STUDENTS ARE BASICALLY GETTING GUIDED SO AS TO COME OUT OF THEIR INTEREST IN DIFFERENT STREAMS AND WHAT ARE THE FUNDAMENTAL CONCEPTS THEY UNDERSTAND ON THAT SPECIFIC DOMAIN. AFTER THE SUCCESSFUL COMPLETION OF STUDIES, EVERY STUDENT HAS TO FACE THIS COMPETITIVE WORLD WITH THEIR GAINED KNOWLEDGE AND SKILL TO FACE MANY DIFFICULTIES AND ACQUIRE SUITABLE SOLUTIONS THAT HAS TO SOLVE IN MINIMUM PERIOD OF TIME. THIS SORT OF TRAINING ALLOWS YOU TO GET MORE PRACTICAL KNOWLEDGE.**

## **JOB ORIENTED PROGRAMS**

- \* REDHAT LINUX**
- \* CCNA**
- \* AWS**
- \* BLOCKCHAIN**

## ELECTRONICS AND COMMUNICATION/ELECTRONICS & INSTRUMENTATION

- EMBEDDED SYSTEM
- INTERNET OF THINGS(IOT)
- MATLAB(SIGNAL AND IMAGE PROCESSING)
- PYTHON
- NETWORK SIMULATOR
- LABVIEW
- CIRCUIT DESIGN
- SIMULINK
- ETHICAL HACKING



## COMPUTER SCIENCE AND INFORMATION SCIENCE ENGINEERING

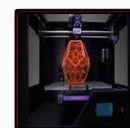
- WEB DEVELOPMENT
- MOBILE APP DEVELOPMENT(ANDROID)
- PHP DEVELOPMENT
- JAVA
- PYTHON DEVELOPMENT
- MACHINE LEARNING
- DATA SCIENCE
- TESTING
- MATLAB(IMAGE AND SIGNAL PROCESSING)
- INTERNET OF THINGS
- ETHICAL HACKING
- CLOUD COMPUTING
- DATA MINING
- BIG DATA/HADOOP



**SIRINTEL**<sup>TM</sup>  
TECHNOLOGY BY INNOVATORS

## MECHANICAL ENGINEERING COURSES

- CATIA
- ANSYS
- HYPERMESH
- AUTOCAD
- GD&T
- 3D PRINTING
- NASTRAN
- SOLIDWORKS
- CNC SIMULATION
- FUSION 360



## CIVIL ENGINEERING COURSES

- ETABS
- SAP2000
- AUTOCAD
- REVIT
- PRIMAVERA
- 3DS MAX
- SAFE
- ANSYS
- GEOSLOPE
- GEOHECRAS



## PERSONALITY DEVELOPMENT

- PRESENTATION & COMMUNICATION SKILLS
- GROOMING SKILLS
- PERSONALITY DEVELOPMENT
- CUSTOMER SERVICE
- INTERVIEW SKILLS

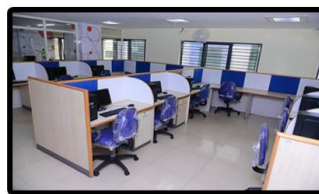
## PLACEMENT PROGRAM

- 100% PLACEMENT ASSISTANCE
- INTERVIEW Q & A PROVIDED WHICH ARE FREQUENTLY ASKED IN COMPANIES
- OUR EXPERIENCED TRAINERS WILL HELP GET YOUR RESUME READY AS PER IT STANDARDS
- REAL CASE STUDIES/EXAMPLES PROVIDED TO CLEAR INTERVIEWS EASILY
- PRACTICAL KNOWLEDGE TRAINING ON EVERY TOPIC

### FULLY FLEDGED ENVIRONMENT WITH HI-TECH SMART CLASSROOM



### COMPUTER LAB FACILITY FOR COURSES ALSO FOR R & D



### OUR RESPECTED CLIENTS AND TIE UP COMPANIES AND COLLEGES



#### ADDRESS:

**HARIHAR: 4TH MAIN , 4TH CROSS, J.C EXTENSION , 577601**

**DAVANGERE: ANJANEYA EXTENSION, OPPOSITE ANJANEYASWAMY TEMPLE,  
NEAR UBBDT BOYS HOSTEL ROAD KARNATAKA - 577004**

## PROJECT LIST

SL NO	TITLE
SIRINPE01	<b>Design and Implementation of Three-Level DC-DC Converter with Golden Section Search Based MPPT for the Photovoltaic Applications:</b>
SIRINPE02	<b>Performance Improvement of Two Leg Inverter Fed BLDCM Drive</b>
SIRINPE03	<b>High Step-Up ZVT Interleaved Converter with Voltage Doublers Cell for Renewable Energy System</b>
SIRINPE04	<b>A Sensor less Current Controlled DC-DC Converter with Intelligent Control Technique</b>
SIRINPE05	<b>Integrated Coupled-Inductor And Diode-Capacitor For A High Voltage Gain DC-DC Converter.</b>
SIRINPE06	<b>Buck-Boost Control of Four Quadrant Chopper using Symmetrical Impedance Network for Adjustable Speed Drive</b>
SIRINPE07	<b>Wireless Power Transmission using Class E Power Amplifier from Solar Input</b>
SIRINPE08	<b>Design and Analysis of Solar Power Switched Inductor and Switched Capacitor for DC Distribution System</b>
SIRINPE09	<b>Implementation of PI controller for fourth order Resonant Power Converter with capacitive output filter</b>
SIRINPE10	<b>MATLAB/SIMULINK Based Modeling Photovoltaic Array Fed T-Source Inverter.</b>
SIRINPE11	<b>Simulation and Implementation of Multilevel Inverter Based BLDC Motor Drive</b>
SIRINPE12	<b>Maximum Power Point Tracking Of PV Arrays Under Partial Shading Condition Using SEPIC Converter</b>
SIRINPE13	<b>An Efficient High-Step-Up Interleaved DC-DC Converter with a Common Active Clamp.</b>
SIRINPE14	<b>Solar Smart Inverter</b>
SIRINPE15	<b>Analysis of Binary DC Source Reduced Switch 7-level Inverter.</b>
SIRINPE16	<b>Design and Control of Electric Power Train by Using Advanced Power Electronics Interface</b>
SIRINPE17	<b>Modeling And Simulation Of SVPWM Inverter Fed Permanent Magnet Brushless Dc Motor Drive</b>
SIRINPE18	<b>Voltage Distortion Approach for Output Filter Design for Off-Grid and Grid-Connected PWM Inverters</b>

<b>SIRINPE19</b>	<b>Design of High Gain DC-DC Boost Converter With Coupling Inductor And Simulation in PSIM</b>
<b>SIRINPE20</b>	<b>A Novel Phase Shifted DC-DC Converter with Adaptive Soft Switching to Improve Efficiency under wide Load Range</b>
<b>SIRINPE21</b>	<b>Low Cost and High Performance Single Phase UPS Using a Single-Loop Robust Voltage Controller</b>
<b>SIRINPE22</b>	<b>Design and Simulation of transformer less Single Phase Photovoltaic Inverter without battery for Domestic Application</b>
<b>SIRINPE23</b>	<b>Digital MPPT Interface for PV Module</b>
<b>SIRINPE24</b>	<b>Solar Photovoltaic Powered Sailing Boat Using Buck Converter.</b>
<b>SIRINPE25</b>	<b>Harmonics Mitigation Using Active Power Filter</b>
<b>SIRINPE26</b>	<b>Reduction of Harmonics and Torque Ripples of BLDC Motor by Cascaded H-Bridge Multi Level Inverter Using Current and Speed Control Techniques distortions and torque ripples.</b>
<b>SIRINPE27</b>	<b>A Synchronizing Device for Power Electronic Converters</b>
<b>SIRINPE28</b>	<b>Simscape Based Modeling &amp; Simulation of MPPT Controller for PV Systems</b>
<b>SIRINPE29</b>	<b>PWM-Based Sliding Mode Controller for Three-Level Full-Bridge DC-DC Converter that Eliminates Static Output Voltage Error</b>
<b>SIRINPE30</b>	<b>Comparison of Fuzzy PID Controller with Conventional PID Controller in Controlling the Speed of a Brushless DC Motor</b>
<b>SIRINPE31</b>	<b>Photovoltaic Cell Fed 3-Phase Induction Motor Using MPPT Technique</b>
<b>SIRINPE32</b>	<b>Low Voltage DC Distribution System</b>
<b>SIRINPE33</b>	<b>Design and Implementation of ANFIS based MPPT Scheme with Open Loop Boost Converter for Solar PV Module</b>
<b>SIRINPE34</b>	<b>Grid Connected Solar System with PWM Operated Thirteen Level Inverter using Digital PI Controller</b>
<b>SIRINPE35</b>	<b>Wireless Speed and Direction Control of Dc Motor by Using Radio Frequency Technology</b>
<b>SIRINPE36</b>	<b>Implementation of a High Efficiency and Low Cost Converter with Analog MPPT Using Photovoltaic Water Pumping System for Agriculture</b>
<b>SIRINPE37</b>	<b>Application of Distribution Power Electronic Transformer for Medium Voltage</b>
<b>SIRINPE38</b>	<b>Power Management and Control of Grid Connected Photovoltaic System with Plug in Hybrid Vehicle Load</b>

<b>SIRINPE39</b>	<b>Analysis and Design of DC-link Voltage Controller in Shunt Active Power Filter</b>
<b>SIRINPE40</b>	<b>Hybrid Resonant and PWM Converter</b>
<b>SIRINPE41</b>	<b>Nuclear Radiation Detection</b>
<b>SIRINPE42</b>	<b>Single-Stage Boost Inverter with Coupled Inductor</b>
<b>SIRINPE43</b>	<b>Hybrid Renewable Energy System Using DFIG and Multilevel Inverter</b>
<b>SIRINPE44</b>	<b>Predictive Control of AC-AC Modular Multilevel Converters</b>
<b>SIRINPE45</b>	<b>An Improved Pulse Width Modulation Method for Chopper- Cell-Based Modular Multilevel Converters</b>
<b>SIRINPE46</b>	<b>Torque Ripple Reduction in BLDC Torque Motor with Non-ideal Back EMF</b>
<b>SIRINPE47</b>	<b>Non isolated Bidirectional DC-DC Converters With Negative-Coupled Inductor</b>
<b>SIRINPE48</b>	<b>RF Based Servo and DC Motor Controller System</b>
<b>SIRINPE49</b>	<b>Method for Detecting an Open-Switch Fault in a Grid-Connected NPC Inverter System</b>
<b>SIRINPE50</b>	<b>Four Quadrants Integrated Transformers for Dual-Input Isolated DC-DC Converters</b>
<b>SIRINPE51</b>	<b>Asymmetrical Full-bridge Converter With High-Voltage Gain</b>
<b>SIRINPE52</b>	<b>Analysis and Comparison of Three Topologies of the Ladder Multilevel DC/DC Converter</b>
<b>SIRINPE53</b>	<b>Interline Unified Power Quality Conditioner</b>
<b>SIRINPE54</b>	<b>Power Electronics Converters for Wind Turbine Systems</b>
<b>SIRINPE55</b>	<b>Ultra Low Latency HIL Platform for Rapid Development of Complex Power Electronics Systems.</b>
<b>SIRINPE56</b>	<b>A High-Power Input-Parallel Output-Series Buck and Half-Bridge Converter and Control Methods</b>
<b>SIRINPE57</b>	<b>A Low Cost Fly back CCM Inverter for AC Module Application</b>
<b>SIRINPE58</b>	<b>A Modified Single-Phase Quasi-Z-Source AC-AC Converter</b>
<b>SIRINPE59</b>	<b>SMS Based Electric Billing System</b>