Finishing School for Engineering Students
ITI Limited, Mankapur - 271308 Distt - Gonda (U.P.)
(A Government of India Undertaking)

Concept:

- ❖ Rapid Technological Innovations

- ❖ Bridging the gap between Theory and Application of Technology

- ❖ Exposure through Technological Strength

Aims:

- ❖ To enhance employability of the trainee students

- ❖ To impart hands-on experience

- ❖ To sharpen the knowledge base

- ❖ To provide cutting edge / knowledge & techniques for interview

Mode of Training:

- ❖ Concepts through class room presentations
- ❖ Study material handouts
- ❖ Interactive sessions
- ❖ Visit/Demo/Hands-on
- ❖ Periodic Quizzes/Tests

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Courses for Electronics Engineering Branches

S. No.	Module	Topics	Duration	Training Charges (₹)
1.	**Mobile Communication & GPON System**	**GSM Fundamentals:** Overview, Architecture, System Interfaces of Radio resources, Mobility and call setup. **Network elements:** BTS, BSC, MSC and OMC **RF Planning and Optimization,** **BTS Commissioning & Testing,** **GPON System:** Assembly, Testing & Service Creation.	12 days (2 weeks)	5000/-
2.	**Embedded Systems**	Overview of Embedded System, Design of electronic circuits on breadboard, Microcontroller 8051 architecture, Interfacing of sensors, DC and stepper motors, LCD with Microcontroller AT89S8253, Schematic and PCB layout preparation through Express PCB software, Review of C language, Programming of Micro controller using Micro C, Hands – on experience through projects.	12 days (2 weeks)	5000/-
3.	**SMT Assembly Process (New Module)**	Component knowledge, Machine Level programming of SMT board, SMT board assembly, Screen Printing Process, Component Placement System, Inspection Stage, To generate Reflow Profile and Repairing, Operations of X-Ray and AOI System.	12 days (2 weeks)	5000/-
For Two Courses Charges for a period of one month : ₹ 9000/- only				

Courses for C.S., I.T. Engineering Branches, MCA and BCA

S. No.	Module	Topics	Duration	Charges (₹)
1.	**RDBMS Using ORACLE & ERP**	Introduction to RDBMS, Overview of ORACLE, SQL, SQL *PLUS, PL/SQL and Database Programming using Oracle. ERP: Overview, Issues, System Navigation, Tools, Modules, Case Study.	10 days	4000/-
2.	**Application Development with Java Technology**	**Core Java**: Basic concept of Object Oriented Programming, Java Basics, Classes, Interfaces, Packages, Inheritance, Exception Handling, Multithreaded Programming, Collection Frame work, Input / Output, Networking, AWT / Swing, Event Handling. **Advance Java** : JDBC, Servlets, Java Server Pages (JSP)	09 days	3500/-
3.	**Web Designing with PHP**	Introduction to Web Development, HTML and XML Scripting, Web Server-installation and configuration, Working with PHP, Database Connectivity using My SQL.	07 days	3000/-
Combined Course Charges for a period of one month : ₹ 9000/- only				

Courses for Mechanical / Production Engineering Branches

S. No.	Module	Topics	Duration
1.	**Tool Design and Planning, Tool Room Processes**	Fundamentals of Technical Drawing, Concepts of Tool Design, Types and Design of Press Tools, Design of Moulding Tools, Design of Jigs and Fixtures, Material Management and Tool Loading	06 days
2.	**Computer Aided Design**	Introduction and Concepts, Creating and Managing Drawing file in Auto CAD, Understanding the Auto CAD Window, Set up for Drawing Commands, Basic Drawing Commands, Edit Commands, Construction Techniques Commands, Layer Commands, Hatching Commands, Creating Text and Defining Styles, Dimensioning Commands, Creating Blocks.	07 days
3.	**Manufacturing**	**Mechanical Manufacturing:** Sheet metal Component manufacturing, Moulding Process, Injection Moulding, Metal Finishing, NCM Assembly / Testing, PCB manufacturing , Inspection & Testing . **Green Manufacturing:** Cable Harnessing (Halogen free), Metal Core PCB (MCPCB), Weld less Assembly (Riveting) Process, Recycling Process, Effluent treatment.	09 days
4.	**World Class Manufacturing**	Advanced Manufacturing Processes and Testing, Manufacturing through ERP, TQM, Role of Attitude in QMS, EMS, 6 Sigma.	04 days
		Combined Course Charges for a period of one month : ₹ *8000/- only*	

Enrollment Procedure:

1. Desirous trainee is required to submit a bona-fide letter from his/her Institute along with the required training & accommodation (if desired) charges through DD.
2. D.D. must be in favour of **"ITI LIMITED"** should be either of **State Bank of India** payable at SBI ITI Township Branch Mankapur (Branch Code 8549) or **Punjab National Bank** Payable at PNB Mau Branch Mankapur (Branch Code 1730).
3. Commencement of the Training Batches: 1st and 16th of each month (May to August).
4. Minimum size of a Batch: 25 students / training.
5. Students are required to bring **03 passport size photographs** at the time of joining the training.
6. **Training charges once deposited will not be refunded except under exceptional circumstances.**
7. **Trainee will be issued 02 certificates–One for the training course attended and another for Summer / Vocational Training.**

Boarding and Lodging Facility: Separate Hostel for Boys and Girls.
Lodging Charges: i) ₹ 125 /- per week or ₹ 500/- per month: Hostel-semi furnished.

ii) ₹ 700/- per week or ₹ 2,800 /- per month. Guest House- furnished

Boarding (Fooding) Charges: ₹ **3,600**/- Guest House, ₹` **2,500** /- Officer's Club per month and mess facility is also available on actual basis.

For any clarification please feel free to get in touch with us through e-mail / phone:

Sushil Kumar, Dy. Manager-TS &EDC, Coordinator "Finishing School for Engineering Students"
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