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PRINCIPAL'S MESSAGE



Sh. Vinod Singh Shekhawat
Principal, Govt. I.T.I.
Bharanpur

Empowering Skills, Enriching Futures

As we present this edition of Skill Spark Times, we celebrate Govt. ITI Bharanpur's unique approach to skill development, blending professional growth with moral values, spiritual enrichment, and all-round personality development trainees.

A Holistic Learning Environment

At Govt. ITI Bharanpur, strict discipline forms the foundation of our teaching methodology. Alongside technical excellence, we emphasize moral integrity and spiritual growth, ensuring students develop into not just skilled professionals but also responsible citizens.

All-Round Development

Our focus extends beyond academics, fostering qualities like leadership, teamwork, and adaptability. Through carefully designed activities and programs, we nurture a balanced growth of mind, body, and spirit, preparing students for the challenges of a competitive world.

Success Stories of Transformation

The achievements of our students highlight the effectiveness of this holistic approach. Their stories, ranging from career milestones to personal growth, inspire us to continue our mission of shaping well-rounded individuals.

A Vision for Excellence

By integrating values-driven education with cutting-edge training, Govt. ITI Bharanpur remains a beacon of holistic development. We invite feedback and collaboration to further enhance this transformative journey.

Together, let's continue to foster a culture of excellence, enrich lives, and build a future defined by integrity, innovation, and growth.

Vinod Shekhawat
Principal, Govt. Industrial Training Institute
Bharanpur (Ambala)

MESSAGE



Sh. Ashwani Kumar
Principal
Govt. I.T.I. Sadhaura (YNR.)

It gives me immense pride and heartfelt joy to extend my warmest congratulations to the team of Govt. I.T.I. Bharanpur (Ambala) on the release of the inaugural edition of their E-magazine, “Skill Spark Times”. This dynamic initiative is a powerful reflection of the institute’s progressive spirit and its steadfast commitment to excellence in skill development training.

From its modest inception in 2011 with just two trades operating out of the village school building, Govt. I.T.I. Bharanpur has grown into a vibrant hub of skill development. Today, the institute proudly offers 14 Engineering and Non-Engineering trades in its own state-of-the-art campus, inaugurated in 2017 and strategically located on the Naraingarh–Ambala Road. This remarkable journey is not just a story of infrastructure—it is a bold testament to vision, leadership, and determined strides toward youth and community empowerment.

Looking ahead, the institute continues to shape the future with ambition and foresight. The proposal to introduce two forward-looking trades—Solar Technician and Secretarial Assistant & Stenographer (English)—from the upcoming skill training session reflects its proactive approach to meeting emerging industry demands and broadening employment avenues.

Skill Spark Times serves as a beacon of this inspiring evolution—capturing the voice, vision, and vibrant talent of both trainees and faculty. More than a publication, it is a digital chronicle of creativity, purpose, and transformation.

I wholeheartedly commend the editorial team, faculty, and students whose collaborative effort has brought this E-magazine to life. You have not only documented progress—you have inspired it.

May Skill Spark Times continue to illuminate minds, encourage innovation, and champion the mission of skill empowerment with ever-growing momentum.

With best wishes for continued success and meaningful impact.

MESSAGE

It gives me immense pleasure to extend my heartfelt congratulations on the proud occasion of the release of the inaugural edition of your e-magazine, Skill Spark Times 2025.

This magazine is not just a publication—it's a powerful reflection of a progressive institution that is committed to fostering innovation, practical knowledge, and industry-ready skills. In an era where adaptability and technical excellence define success, Skill Spark Times stands as a testament to the vibrant learning ecosystem nurtured within your ITI.

At Sawraj Engine Ltd., we deeply appreciate such visionary efforts that promote a culture of continuous learning and closer industry-institute collaboration. The synergy between academic training and real-world industrial application is crucial, and initiatives like this e-magazine play a vital role in bridging that gap.

I commend the leadership of Principal Sh. Vinod Singh Shekhawat and applaud the enthusiasm of the staff and trainees who have contributed to this creative and meaningful endeavor. May Skill Spark Times continue to inspire, inform, and ignite the minds of many more in the years to come.

Wishing you continued success in your mission to empower India through skill.

Warm regards,
Ajay Rana
Manager (HR), Sawraj Engine Ltd.

MESSAGE

"ज्ञान का प्रसार तभी सार्थक होता है जब वह विचारों की चिंगारी बनकर अगली पीढ़ियों को आलोकित करे।"

राजकीय औद्योगिक प्रशिक्षण संस्थान, भरनपुर (अंबाला) द्वारा प्रकाशित Skill Spark Times ई-पत्रिका का प्रथम संस्करण एक अत्यंत गौरवपूर्ण और प्रेरणास्पद पहल है। यह ई-पत्रिका वास्तव में अपने नाम को चरितार्थ करती है —यह ज्ञान, कौशल और नवाचार की उस चिंगारी को प्रज्वलित करती है, जो प्रशिक्षार्थियों के भविष्य को आलोकित करने में सहायक बनेगी।

इस रचनात्मक प्रयास के लिए मैं संस्थान की संपूर्ण टीम को हार्दिक बधाई देता हूँ, और विशेष रूप से प्रधानाचार्य श्री विनोद सिंह शेखावत जी के नेतृत्व, दूरदृष्टि और सतत प्रेरणा को नमन करता हूँ। यह पत्रिका संस्थान के प्रत्येक सदस्य की सामूहिक प्रतिबद्धता और नवाचारशील सोच का प्रतिफल है।

Skill Spark Times केवल एक प्रकाशन नहीं, बल्कि यह एक मंच है —एक ऐसा मंच जो प्रशिक्षकों एवं प्रशिक्षार्थियों की सृजनशीलता, कौशल, विचारों और उपलब्धियों को उजागर करेगा। यह पत्रिका संस्थान की उत्कृष्टता, गुणवत्ता प्रशिक्षण और सामाजिक उत्तरदायित्व के प्रति उसकी निष्ठा को दर्शाएगी।

मुझे पूर्ण विश्वास है कि आने वाले समय में Skill Spark Times संस्थान की पहचान को नई ऊँचाइयों तक ले जाएगी और यह शिक्षा, कौशल विकास व नवाचार के क्षेत्र में एक प्रेरणास्रोत बनी रहेगी। मैं ईश्वर से प्रार्थना करता हूँ कि यह प्रयास निरंतर प्रगति करे और नई पीढ़ी को सशक्त बनाने की दिशा में एक सशक्त माध्यम बने।

सस्नेह एवं शुभकामनाओं सहित,

प्रवीण भारद्वाज

संरक्षक, भारत विकास परिषद, शाखा शहज़ादपुर (अंबाला)

MEET THE TEAM

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Govt. Industrial Training Institute, Bharanpur

Apprentice



Ms. Bahoti,
Apprentice (2024 -25)



Ms. Anchal,
Apprentice (2024 -25)



Ms. Meena,
Apprentice (2024 -25)

GITI BHARANPUR @ GLANCE

WORKSHOP

The Government Industrial Training Institute (ITI) in Bharanpur, Ambala, offers a variety of workshops aimed at equipping students with practical skills relevant to various industries. Key workshops typically include:

1. **Electrical Engineering:** Focus on electrical wiring, circuit design, and troubleshooting.
2. **Mechanical Engineering:** Training in machining, welding, and fabrication techniques.
3. **Computer Applications:** Introduction to programming, software development, and IT skills.
4. **Civil Engineering:** Training related to wood working, Plumbing work and Sheet metal work.
5. **Vocational Trades:** Focuses on non-engineering curriculum such as dress making.

These workshops are designed to enhance employability by providing students with hands-on experience and industry-relevant skills. The training is often conducted by experienced instructors and may involve collaborations with local industries for real-world exposure.

1. Electrical Engineering:

1.1 Electrician Workshop: The Electrician workshop at the Government Industrial Training Institute (ITI) in Bharanpur, Ambala, focuses on providing students with essential skills and knowledge related to electrical systems and installations. Here are the key components typically included:

Key Areas of Training:

1. **Electrical Fundamentals:** Understanding basic electrical theory, including voltage, current, resistance, and power.
2. **Wiring Techniques:** Hands-on training in residential, commercial, and industrial wiring methods, including conduit installation and cable management.
3. **Electrical Equipment:** Familiarization with various electrical devices such as switches, transformers, circuit breakers, and fuses.
4. **Installation Practices:** Learning how to install and maintain electrical systems, including lighting, power distribution, and safety systems.
5. **Circuit Design:** Basics of designing simple electrical circuits and understanding load calculations.

Skills Developed:

- **Troubleshooting:** Identifying and resolving electrical issues safely and effectively.

- **Code Compliance:** Knowledge of electrical codes and standards to ensure safe and legal installations.
- **Use of Tools:** Proficiency in using various hand and power tools essential for electrical work.



Fig: Electrical Workshop at Govt. Industrial Training Institute, Bharanpur.

1.2 Wireman Workshop: The Wireman workshop at the Government Industrial Training Institute (ITI) in Bharanpur, Ambala, is designed to equip students with the necessary skills for electrical wiring and installations. Here are the key components typically included in this workshop:

Key Areas of Training:

1. **Basic Electrical Theory:** Introduction to concepts such as voltage, current, resistance, and power distribution.
2. **Wiring Techniques:** Hands-on training in various wiring methods for residential and commercial applications, including:
 - Conduit wiring
 - Cable laying and termination
 - Single-phase and three-phase wiring systems
3. **Installation Practices:** Skills for installing electrical fixtures, outlets, and appliances, ensuring safety and efficiency.
4. **Circuit Connections:** Understanding of different types of circuits, including series and parallel connections, and how to implement them.
5. **Safety Standards:** Training in electrical safety practices, personal protective equipment (PPE), and adherence to local electrical codes.

Skills Developed:

- **Installation and Maintenance:** Ability to install, repair, and maintain electrical wiring and systems.
- **Troubleshooting:** Skills to diagnose and rectify wiring faults or malfunctions.

- **Use of Tools:** Proficiency in using hand tools and testing equipment essential for electrical work.

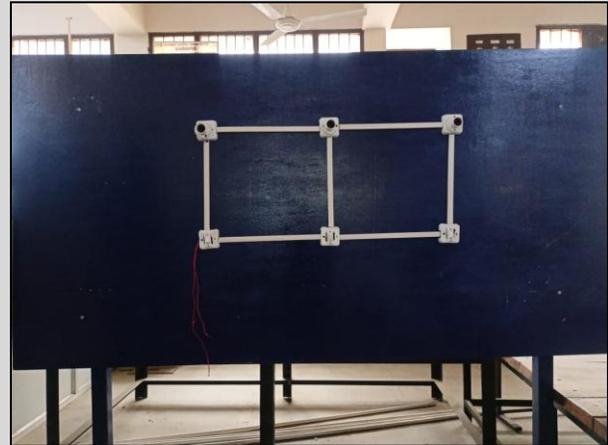


Fig: Wireman Workshop at Govt. Industrial Training Institute, Bharanpur.

2. Mechanical Engineering:

2.1 Machinist Workshop: The Machinist workshop at the Government Industrial Training Institute (ITI) in Bharanpur, Ambala, focuses on developing practical skills related to machining processes. Key components of the workshop typically include:

Key Areas of Training:

1. **Machine Operation:** Hands-on experience with various machines, including lathes, milling machines, and grinders.
2. **Tooling and Accessories:** Understanding different cutting tools, their uses, and maintenance.



Fig: Machinist Workshop at Govt. Industrial Training Institute, Bharanpur.

3. **Blueprint Reading:** Learning to read and interpret technical drawings and specifications.

4. **Measurement Techniques:** Training in the use of precision measuring instruments like calipers, micrometers, and gauges.
5. **Safety Practices:** Emphasis on workplace safety protocols and the proper handling of machinery.

Skills Developed:

- **Precision Machining:** Ability to create parts with tight tolerances.
- **Problem Solving:** Identifying and troubleshooting machining issues.
- **Technical Proficiency:** Familiarity with CNC (Computer Numerical Control) machines, if included in the curriculum.

2.2 Turner Workshop: The Turner workshop at the Government Industrial Training Institute (ITI) in Bharanpur, Ambala, focuses on developing skills related to turning operations in machining. Here are the key components typically included in this workshop:

Key Areas of Training:

1. **Lathe Machine Operation:** Hands-on training with various types of lathes, including conventional and CNC lathes, focusing on setup, operation, and maintenance.
2. **Turning Techniques:** Instruction on various turning processes, such as:
 - Facing
 - Thread cutting
 - Boring
 - Taper turning
3. **Tooling and Cutting Tools:** Familiarization with different types of cutting tools, tool holders, and their proper usage for specific applications.
4. **Measurement and Inspection:** Use of precision measuring instruments like calipers and micrometers to ensure workpieces meet specified tolerances.
5. **Blueprint Reading:** Learning to interpret technical drawings and specifications to produce parts accurately.



Fig: Turner Workshop at Govt. Industrial Training Institute, Bharanpur.

Skills Developed:

- **Precision Machining:** Ability to produce components with high precision and surface finish.
- **Problem Solving:** Skills to identify and troubleshoot issues during the turning process.
- **Technical Knowledge:** Understanding of machine maintenance and troubleshooting techniques.

2.3 Fitter Workshop: The Fitter workshop at the Government Industrial Training Institute (ITI) in Bharanpur, Ambala, focuses on developing skills essential for assembling, fitting, and maintaining machinery and mechanical components. Here are the key components typically included in this workshop:

Key Areas of Training:

1. **Basic Fitting Techniques:** Instruction in fundamental fitting operations such as cutting, shaping, and assembling parts.
2. **Tools and Equipment:** Familiarization with hand tools (like files, chisels, and hammers) and power tools (like drills and grinders) used in fitting.
3. **Measurement and Inspection:** Training in using measuring instruments such as calipers, micrometers, and gauges to ensure accuracy and quality in fitting work.
4. **Blueprint Reading:** Learning to interpret technical drawings and specifications to accurately produce and assemble components.
5. **Assembly and Disassembly:** Practical experience in assembling and disassembling machinery and mechanical systems.



Fig: Fitter Workshop at Govt. Industrial Training Institute, Bharanpur.

Skills Developed:

- **Precision Fitting:** Ability to fit components accurately to meet design specifications.
- **Problem Solving:** Skills to identify and troubleshoot fitting issues in mechanical assemblies.

- **Technical Knowledge:** Understanding of mechanical systems and how different components interact.

2.4 Welder Workshop: The Welder workshop at the Government Industrial Training Institute (ITI) in Bharanpur, Ambala, focuses on imparting skills related to various welding techniques and practices. Here are the key components typically included in this workshop:

Key Areas of Training:

1. **Welding Fundamentals:** Introduction to the principles of welding, including the types of joints, welding positions, and the properties of different metals.
2. **Welding Techniques:** Hands-on training in various welding processes, such as:
 - **Arc Welding** (MMA and TIG)
 - **MIG Welding**
 - **Gas Welding**
 - **Submerged Arc Welding**
3. **Welding Equipment:** Familiarization with different types of welding machines, tools, and safety equipment used in the industry.
4. **Blueprint Reading:** Learning to read and interpret welding symbols and technical drawings to understand project requirements.
5. **Safety Practices:** Emphasis on safety measures and personal protective equipment (PPE) necessary for welding operations.

Skills Developed:

- **Welding Proficiency:** Ability to perform various types of welding with precision and quality.
- **Quality Control:** Understanding how to inspect welds for integrity and adherence to specifications.
- **Problem Solving:** Skills to identify and troubleshoot issues related to welding processes.



Fig: Welder Workshop at Govt. Industrial Training Institute, Bharanpur.

2.5 Refrigeration and Air-Conditioning Workshop: The Refrigeration and Air-Conditioning workshop at the Government Industrial Training Institute (ITI) in Bharanpur, Ambala, is designed to provide students with practical skills and knowledge related to the installation, maintenance, and repair of refrigeration and air-conditioning systems. Here are the key components typically included in this workshop:

Key Areas of Training:

1. **Fundamentals of Refrigeration and Air-Conditioning:** Introduction to the principles of thermodynamics, heat transfer, and the refrigeration cycle.
2. **System Components:** Familiarization with key components of refrigeration and AC systems, including:
 - Compressors
 - Condensers
 - Evaporators
 - Expansion valves
3. **Installation Practices:** Hands-on training in installing various types of refrigeration and air-conditioning units, including split, window, and central systems.
4. **Troubleshooting and Maintenance:** Skills for diagnosing and fixing common issues in refrigeration and AC systems, as well as performing routine maintenance.
5. **Refrigerants and Safety:** Understanding the different types of refrigerants, their properties, and safety measures for handling them, including environmental considerations.



Fig: Mechanic Refrigeration and Air-Conditioning Workshop at Govt. Industrial Training Institute, Bharanpur.

Skills Developed:

- **System Diagnosis:** Ability to identify faults and inefficiencies in refrigeration and air-conditioning systems.

- **Installation Techniques:** Proficiency in the proper installation of HVAC systems to ensure efficiency and compliance with standards.
- **Technical Proficiency:** Knowledge of tools and equipment used in the field, including gauges, vacuum pumps, and recovery machines.

3. Computer Applications:

3.1 COPA LAB: The Computer Operator and Programming Assistant (COPA) Lab at Government ITI Bharanpur is dedicated to providing students with essential skills in computer operations and programming.

Key Areas of Training:

1. **Computer Fundamentals:**
 - Basic computer hardware and software components.
 - Operating system functions and commands.
 - Introduction to networking concepts.
2. **Programming Languages:**
 - Core languages such as Python, C++, and Java.
 - Understanding programming concepts, syntax, and logic.
 - Writing, testing, and debugging code.
3. **Web Development:**
 - Basics of HTML, CSS, and JavaScript for front-end development.
 - Introduction to responsive design and web standards.
 - Understanding client-server architecture.



Fig: Computer Operator and Programming Assistant Lab at Govt. Industrial Training Institute, Bharanpur.

Skills Developed:

- **Programming Proficiency:** Mastery of languages like Python, C++, and Java.

- **Web Development:** Ability to create and maintain websites using HTML, CSS, and JavaScript.
- **Database Management:** Skills in SQL for managing and querying databases.
- **Computer Operations:** Understanding of operating systems and hardware components. Proficiency in troubleshooting and maintaining computer systems.

3.2 Information Communication and Technology System Maintenance (IC&TSM): The IC&TSM Lab is designed to provide hands-on training and practical skills in maintaining and troubleshooting various information communication technologies. Here's a brief overview:

Key Areas of Training:

1. **System Maintenance:** Understanding hardware and software components of computers and networks.
2. **Troubleshooting Techniques:** Identifying and resolving common hardware and software issues. Use of diagnostic tools and methods for effective problem-solving.
3. **Networking Fundamentals:** Basics of network design, configuration, and management. Understanding network protocols and security measures.
4. **ICT Security:** Principles of cyber security and data protection. Implementing security measures to safeguard systems against threats.

Skills Developed:

- **Technical Proficiency:** Hands-on skills in system installation, configuration, and troubleshooting.
- **Analytical Skills:** Ability to diagnose and resolve technical issues effectively.
- **Communication Skills:** Clear reporting and documentation of technical processes.
- **Teamwork:** Collaboration with peers on troubleshooting and maintenance tasks.



Fig: Information Communication and Technology System Maintenance (IC&TSM) at Govt. Industrial Training Institute, Bharanpur.

4. Civil Engineering:

4.1 Wood Work Technician: The Woodwork Technician Workshop is designed to provide students with practical skills and knowledge related to woodworking, carpentry, and furniture making. Here's an overview of the workshop:

Key Areas of Training:

- 1. Woodworking Fundamentals:**
 - Understanding different types of wood and their properties.
 - Learning about tools and equipment used in woodworking.
- 2. Hand Tools and Power Tools:**
 - Training in the safe and effective use of hand tools (saws, chisels, planes).
 - Introduction to power tools (drills, routers, sanders) and their applications.
- 3. Joinery Techniques:**
 - Mastering various joinery methods, including dovetail, mortise and tenon, and lap joints.
 - Learning to create strong and durable connections in woodwork.
- 4. Furniture Making:**
 - Design principles for creating functional and aesthetic furniture pieces.
 - Hands-on projects involving the construction of tables, chairs, and cabinets.

Skills Developed:

- **Technical Skills:** Proficiency in using various woodworking tools and techniques.
- **Creativity:** Ability to design and construct unique wood projects.
- **Attention to Detail:** Precision in measurements and craftsmanship.
- **Problem-Solving:** Troubleshooting issues that arise during the woodworking process.



Fig: Wood Work Technician Workshop at Govt. Industrial Training Institute, Bharanpur.

4.2 Plumber Workshop:

The Plumber Workshop is designed to provide students with practical training and essential skills in plumbing systems, installation, and maintenance. Here's a brief overview:

Key Areas of Training:

- 1. Plumbing Fundamentals:**
 - Understanding basic plumbing concepts, terminology, and systems.
 - Learning about water supply and drainage systems.
- 2. Tools and Equipment:**
 - Familiarization with hand tools (wrenches, pliers, pipe cutters) and power tools (drills, pipe threaders).
 - Safe handling and maintenance of plumbing tools.
- 3. Pipe Fitting and Installation:**
 - Techniques for measuring, cutting, and joining various types of pipes (PVC, copper, galvanized).
 - Installation of plumbing fixtures (sinks, toilets, faucets) and appliances (water heaters).
- 4. Drainage and Waste Systems:**
 - Understanding drainage systems, including traps, vents, and sewer lines.
 - Techniques for installing and maintaining drainage systems.
- 5. Water Supply Systems:**
 - Installation and repair of water supply lines and fixtures.
 - Understanding pressure and flow in plumbing systems.



Fig: Plumber Workshop at Govt. Industrial Training Institute, Bharanpur.

Skills Developed:

- **Technical Proficiency:** Hands-on skills in plumbing installation and repair techniques.
- **Problem-Solving:** Ability to diagnose and fix plumbing issues effectively.

- **Attention to Detail:** Precision in measurements and installations.
- **Communication:** Skills for interacting with clients and understanding project requirements.

4.3 Sheet Metal Worker Workshop:

The Sheet Metal Worker Workshop is designed to provide students with the practical skills and knowledge needed to work with sheet metal in various applications, including construction, HVAC (heating, ventilation, and air conditioning), and fabrication. Here's an overview:

Key Areas of Training:

1. **Sheet Metal Fundamentals:**
 - Understanding different types of sheet metals (steel, aluminum, copper) and their properties.
 - Familiarization with industry terminology and standards.
2. **Tools and Equipment:**
 - Safe use of hand tools (snips, hammers, shears) and power tools (plasma cutters, welding machines).
 - Maintenance and proper handling of tools used in sheet metal work.
3. **Fabrication Techniques:**
 - Skills in cutting, bending, and shaping sheet metal.
 - Techniques for joining metals, including welding, riveting, and soldering.
4. **Installation Procedures:**
 - Techniques for installing sheet metal products in various applications (ductwork, roofing, siding).
 - Knowledge of fastening methods and safety considerations.



Fig: Sheet Metal Worker Workshop at Govt. Industrial Training Institute, Bharanpur.

Skills Developed:

- **Technical Skills:** Proficiency in sheet metal fabrication and installation techniques.
- **Attention to Detail:** Precision in measurements, cuts, and assembly.

- **Problem-Solving:** Ability to troubleshoot issues that arise during fabrication or installation.
- **Creativity:** Skills in designing custom sheet metal solutions for specific applications.

4.4 Painter (General) Workshop:

The Painter (General) Workshop is designed to equip students with the essential skills and techniques needed for various painting tasks, including residential, commercial, and industrial painting. This workshop covers everything from surface preparation to advanced painting techniques.

Key Areas of Training:

1. **Painting Fundamentals:**
 - Understanding different types of paints, primers, and coatings.
 - Familiarization with tools and equipment used in painting (brushes, rollers, sprayers).
2. **Surface Preparation:**
 - Techniques for preparing surfaces for painting (cleaning, sanding, patching).
 - Importance of surface preparation for achieving a high-quality finish.
3. **Application Techniques:**
 - Skills in various painting methods, including brushing, rolling, and spraying.
 - Techniques for applying different types of finishes (matte, gloss, semi-gloss).
4. **Color Theory and Design:**
 - Understanding color theory and its application in painting projects.
 - Techniques for selecting color schemes and coordinating colors.
5. **Specialized Techniques:**
 - Introduction to advanced techniques such as faux finishing, stenciling, and mural painting.
 - Skills in decorative painting and texture applications.

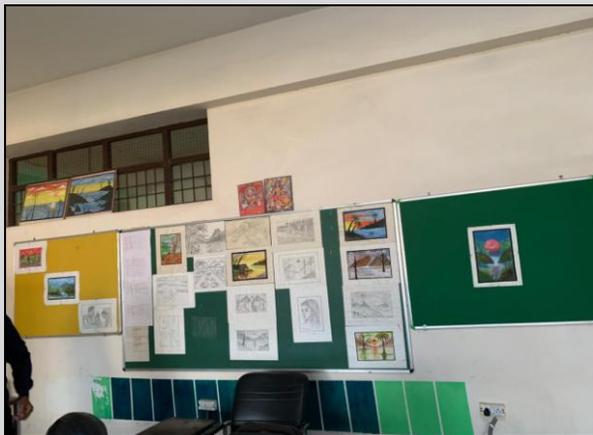


Fig: Painter (General) Workshop at Govt. Industrial Training Institute, Bharanpur.

Skills Developed:

- **Technical Proficiency:** Hands-on skills in various painting techniques and methods.
- **Attention to Detail:** Precision in application and finishing techniques.
- **Color Coordination:** Ability to select and apply color schemes effectively.

5. Vocational Trade:

5.1 Dress Making: The Dress Making Workshop is designed to provide students with the skills and knowledge needed to create and design garments. This workshop covers everything from basic sewing techniques to advanced design concepts, preparing students for careers in fashion design and garment production.

Key Areas of Training:

1. **Introduction to Sewing:**
 - Familiarization with basic sewing techniques and terminology.
 - Understanding different types of sewing machines and their functions.
2. **Fabric Knowledge:**
 - Exploration of various fabrics, their properties, and appropriate uses.
 - Techniques for selecting fabrics for specific garments.
3. **Pattern Making:**
 - Introduction to creating and reading sewing patterns.
 - Skills in modifying existing patterns to fit design requirements.
4. **Garment Construction:**
 - Techniques for cutting, assembling, and finishing garments.
 - Understanding construction methods for different types of clothing (dresses, tops, trousers).
5. **Fitting and Alterations:**
 - Techniques for fitting garments on models or mannequins.
 - Skills in making necessary alterations for a perfect fit.



Fig: Dress Making Workstation at Govt. Industrial Training Institute, Bharanpur.

6. Design Principles:

- Introduction to fashion design concepts and trends.
- Skills in sketching and visualizing garment ideas.

7. Finishing Techniques:

- Techniques for adding final touches, such as hems, buttons, and zippers.
- Understanding the importance of finishing in garment quality.

Skills Developed:

- **Sewing Proficiency:** Hands-on skills in various sewing techniques and machine operation.
- **Creativity:** Ability to design and create unique garments.
- **Attention to Detail:** Precision in cutting, stitching, and fitting garments.
- **Problem-Solving:** Skills in troubleshooting fitting issues and construction challenges.

Industrial Relevance of Different Trades:

Each trade offered by ITIs plays a crucial role in supporting various industries. The hands-on training and practical skills developed in these programs ensure that graduates are well-prepared to meet industry demands, contributing to economic growth and development. As industries evolve, the relevance of these trades continues to grow, adapting to new technologies and practices.

MOMENTOUS EVENTS @ GITI BHARANPUR



Ambala Cantt, [27.09.2024] – Livguard Company hosted a comprehensive training program on the **Pradhan Mantri Surya Ghar Muft Bijli Yojana (PMSGMBY)** aimed at equipping trainees of GITI Bharanpur with the skills necessary for the effective implementation of this solar energy initiative.

Program Highlights

- 1. Technical Training:** Expert trainers conducted sessions on the installation, maintenance, and troubleshooting of solar systems. Participants learned about the latest technologies and best practices in solar energy implementation.
- 2. Financial Guidance:** The program included discussions on the financial aspects of the yojana, such as subsidies, government incentives, and funding options available to businesses involved in solar energy.
- 3. Hands-On Demonstrations:** Attendees had the opportunity to engage in hands-on demonstrations, allowing them to practice installation techniques and familiarize themselves with solar equipment.

GITI Bharanpur, [30.09.2024] – In a vibrant display of community spirit, GITI Bharanpur has kicked off **Swachhta Pakhwada**, a fortnight-long campaign dedicated to promoting cleanliness and sanitation. The initiative, which runs from 17.09.2024 to 02.10.2024, aims to engage trainees in various activities that highlight the importance of a clean environment.

With the theme "**Swachhta Hi Seva**" GITI Bharanpur is setting a powerful example of how community-driven efforts can lead to meaningful change. Trainees are optimistic that this year's campaign will not only beautify their institute but also inspire a lasting commitment to cleanliness and service within the community.





GITI Bharanpur [11.09.2024] - Students from 9th to 12th classes of Sr. Secondary School, Akbarpur, District Ambala, visited Govt. I.T.I. Bharanpur (Ambala) under the “**Twinning Program**” initiated by the School Education Department, Haryana. The program aims to provide students with exposure to various vocational trades and inform them about career choices after completing their school education.

The program is designed to help students make informed decisions about their future careers and provide them with a clear understanding of the opportunities available after completing their school education. By exposing students to various vocational trades, the program aims to inspire and motivate them to pursue careers that align with their interests and skills.

Giti Bharanpur, [05.09.2024] – Giti Bharanpur came alive with joy and gratitude as the institute celebrated Teachers' Day with vibrant events and heartfelt tributes to educators on September 5th. This special day honored the invaluable contributions of teachers in shaping the future of students and society.

Celebration Highlights

The event featured a series of engaging activities, including:

1. **Cultural Programs:** Students showcased their talents through dance and music reflecting the impact of their teachers on their lives.
2. **Award Ceremony:** Acknowledging excellence in teaching, several educators were honored with awards for their outstanding contributions to education. Certificates and trophies were presented by chief guest **Sh. Danesh Mehta (Retd. Principal, SDIT, Haryana)**, celebrating their commitment and passion.



Giti Bharanpur, [24.04.2024] – In a heartfelt tribute to mothers and nature, GITI Bharanpur has launched the "**Ek Ped Maa Ke Naam**" initiative, aimed at promoting environmental awareness and the importance of tree planting. The event, which took place on 24.04.2024, drew enthusiastic participation from trainees and staff of GITI, Bharanpur.



Giti Bharanpur, [26.01.2025] – 76th Republic was celebrated at old anaj mandi Naraingarh. This year GITI Bharanpur introduced its first ever tableau with the theme of Kuashal Vikas. The tableau of GITI Bharanpur (Ambala) garnered immense accolades and was proudly awarded a shield in recognition of its exceptional display. It stand distinguished as the best and a trailblazer in excellence, setting a remarkable benchmark for others to follow.

Exceptional thanks to all of the staff members of GITI Bharanpur who contributed for the success. Credits are due to:

Sh. Vinod Singh Shekhawat (Principal then G.I. Incharge)

Sh. Ashok Kumar (Group Instructor)

Sh. Ramesh Kumar (Welder Instructor)

Giti Bharanpur, [16.05.2025] – In an effort to educate students and staff about the critical importance of food safety and the dangers of food adulteration, **Government ITI Bharanpur** organized an insightful **Food Safety and Adulteration Awareness Seminar** on 16.05.2025

The seminar aimed to raise awareness among trainees about the harmful effects of consuming adulterated food and to promote safe food handling and consumption practices. The event began with a welcome address by the Principal, Sh. Vinod Shekhawat, who emphasized the relevance of food safety in daily life and its impact on health and productivity.

Expert speakers **Smt. Shiva Kumar, Renowned Dietician** was invited to deliver interactive sessions. She explained various types of food adulterants, methods of detection through simple at-home tests, and legal consequences for those involved in food adulteration. Demonstrations were conducted to show practical techniques for identifying common adulterants in everyday food items like milk, spices, grains, and sweets.

The seminar also featured an interactive Q&A session, during which students actively participated and shared their own experiences and concerns. Informative pamphlets and posters were distributed to reinforce key messages of the seminar.

This awareness initiative was a significant step toward empowering students with knowledge to make informed choices about what they consume and to become responsible citizens who advocate for food safety in their communities.

The seminar concluded with a vote of thanks delivered by Principal Govt. I.T.I., appreciating the efforts of the organizing team and guest speakers. Overall, the event was a resounding success and received positive feedback from all attendees.





G.I.T.I. Bharanpur [23 May 2025] National Technology Day was celebrated with great enthusiasm and zeal at the **Government Industrial Training Institute (ITI), Bharanpur**. The event focused on commemorating India's scientific achievements and emphasized the importance of **innovation and skill development** as the cornerstone for building a self-reliant India. The **chief guest, Dr. Pawan Saini**, former MLA, Ladwa, delivered an impactful keynote address. He highlighted the need for youth to contribute actively to the nation's development through innovation.

“National Technology Day is not just a celebration of scientific milestones; it is a call to the youth to play a proactive role in the progress of the country through innovation. The purpose of technical education should not only be to get a job but also to create employment and build the nation,” he said.

Dr. Rahul Taneja, Scientist at the Directorate of Science and Technology, Haryana, graced the occasion as the **resource person**. He provided in-depth information to the students on the importance of **patents and technology**, explaining how patents protect innovations and drive scientific advancement. He also elaborated on the historical significance of the **Pokhran-II nuclear tests conducted on May 11, 1998**, and discussed this year's theme – **“YANTRA – Yugantar for Advancing New Technology, Research and Acceleration.”**

Entrepreneur Shubham Gupta from Rohtak emphasized that National Technology Day is not only a celebration of scientific achievement but also a **symbol of India's resilience and spirit of innovation**.

A **speech competition** was also organized during the event, in which students participated enthusiastically. **Manpreet Kaur (COPA)** secured the first position, while **Saloni** and **Meena** secured the second and third places, respectively. The winners were awarded trophies and certificates by the chief guest.

Principal Vinod Singh Shekhawat shared insights into the institute's history and highlighted various government schemes aimed at youth skill development. **Engineer Ashwani Kumar**, Principal of Govt. ITI, Sadaura, extended a vote of thanks to all guests and congratulated the participating students.

The program was skillfully anchored by **Instructor Meenakshi Bali**. Among those present were Group Instructors **Ashok Kumar, Mahesh Chander, Rakesh Kumar**; Instructors **Sheli, Vinod Bakshi, Karamjeet Saini, Suresh Kumar, Gaurav Saini, Qurban Singh, Ajit, Vishnu Dutt**; and **Office Assistant Ajit Singh**, along with other staff members. The event reaffirmed **Government ITI Bharanpur's** commitment to excellence in technical education and its vision of empowering youth to become **self-reliant and future-ready**.

CLUB AND SOCIETIES

1. Red Ribbon Club:

The Red Ribbon Club is a grassroots initiative that aims to raise awareness about HIV/AIDS and promote safe practices. Here are some key aspects:

Objectives

1. **Awareness and Education:** The club works to educate members and the community about HIV/AIDS, its transmission, and prevention methods.
2. **Advocacy:** It advocates for the rights of people living with HIV/AIDS, promoting policies that reduce stigma and discrimination.
3. **Health Promotion:** The club often organizes workshops, seminars, and campaigns to promote safe sex practices and the importance of regular testing.

Activities

- **Community Outreach:** Engaging local communities through events and activities to spread awareness.
- **Workshops and Training:** Providing training sessions for members and community leaders on HIV prevention and health education.
- **Fundraising:** Organizing events to raise funds for local health organizations, testing facilities, and support services for people living with HIV/AIDS.
- **Support Networks:** Creating a supportive environment for individuals affected by HIV/AIDS, offering emotional and social support.

2. ECO Club:

The ECO Club, often short for Environmental Conservation Organization or Ecology Club, is typically a student-led group focused on promoting environmental awareness and sustainability. Here are some key aspects of ECO Clubs:

Objectives

1. **Environmental Education:** Raise awareness about environmental issues such as climate change, pollution, biodiversity loss, and conservation.
2. **Sustainable Practices:** Encourage and promote sustainable practices within the school or community, like recycling, composting, and energy conservation.
3. **Community Engagement:** Involve the local community in environmental projects and initiatives, fostering a sense of stewardship for the environment.

Activities

1. **Workshops and Seminars:** Organize educational sessions on various environmental topics, inviting guest speakers or experts.
2. **Clean-Up Drives:** Participate in or organize community clean-up events to help reduce litter and promote cleaner local environments.
3. **Tree Planting:** Engage in tree-planting campaigns to enhance local green spaces and combat deforestation.
4. **Awareness Campaigns:** Create posters, host events, or use social media to spread awareness about critical environmental issues.

3. Legal Literacy Club:

A Legal Literacy Club is typically a student-led organization focused on educating members and the community about legal rights, laws, and the justice system. Here are some key aspects:

Objectives

1. **Legal Education:** Provide members with knowledge about basic legal principles, rights, and responsibilities.
2. **Awareness of Rights:** Educate individuals about their legal rights in various contexts, such as employment, education, and civil rights.
3. **Promote Access to Justice:** Raise awareness about legal resources and support available to those who may need assistance navigating the legal system.

Activities

1. **Workshops and Seminars:** Organize events with guest speakers, such as lawyers or legal experts, to discuss relevant legal topics.
2. **Community Outreach:** Engage with the community through outreach programs, providing legal information and resources.
3. **Debates and Discussions:** Host debates on current legal issues to stimulate critical thinking and discussion among members.
4. **Legal Aid Drives:** Partner with local legal aid organizations to offer support and resources to individuals in need of legal assistance.

4. Parents Teacher Association:

The **Parents Teacher Association (PTA)** at **Government Industrial Training Institute (GITI) Bharanpur** plays a pivotal role in fostering constructive dialogue and collaboration between the institute and the families of enrolled trainees. The PTA serves as a platform for mutual exchange of ideas, enabling parents and faculty to work together toward the holistic development of students.

Objectives:

1. Strengthening communication between parents and instructors.
2. Encouraging parental involvement in academic and extracurricular activities.
3. Addressing student-related issues such as performance, discipline, attendance, and overall well-being.
4. Supporting the institute in identifying areas for improvement and promoting skill-based education.

Activities:

1. Regular meetings are conducted to review academic progress, gather feedback, and implement constructive suggestions.
2. The PTA also contributes to creating a positive and supportive learning environment, essential for producing skilled and industry-ready professionals.
3. By involving parents in the educational process, GITI Bharanpur ensures transparency, accountability, and a shared responsibility in shaping the future of its trainees.

ENROLLMENT PROCESS

HOW TO GET ADMISSION IN GOVT. INDUSTRIAL TRAINING INSTITUTE, BHARANPUR (AMBALA)

The eligibility criteria for admission into Government Industrial Training Institutes (ITIs) in Haryana generally include the following:

1. Age Limit

- **Minimum Age:** 14 years (as of the date of admission).
 - **Maximum Age:** No upper age limit in most states, but some ITIs may specify a cap.
-

2. Educational Qualifications

- **General Requirement:**
 - Passed 8th, 10th, or 12th standard from a recognized board, depending on the trade.
 - **Trade-Specific Requirement:**
 - Certain trades may require a specific level of education (e.g., Mathematics or Science in 10th standard for technical trades).
-

3. Domicile

- Applicants must typically be a resident of the state where the ITI is located, though it is in Haryana allow candidates from other states from 4th counseling.
-

4. Physical Fitness

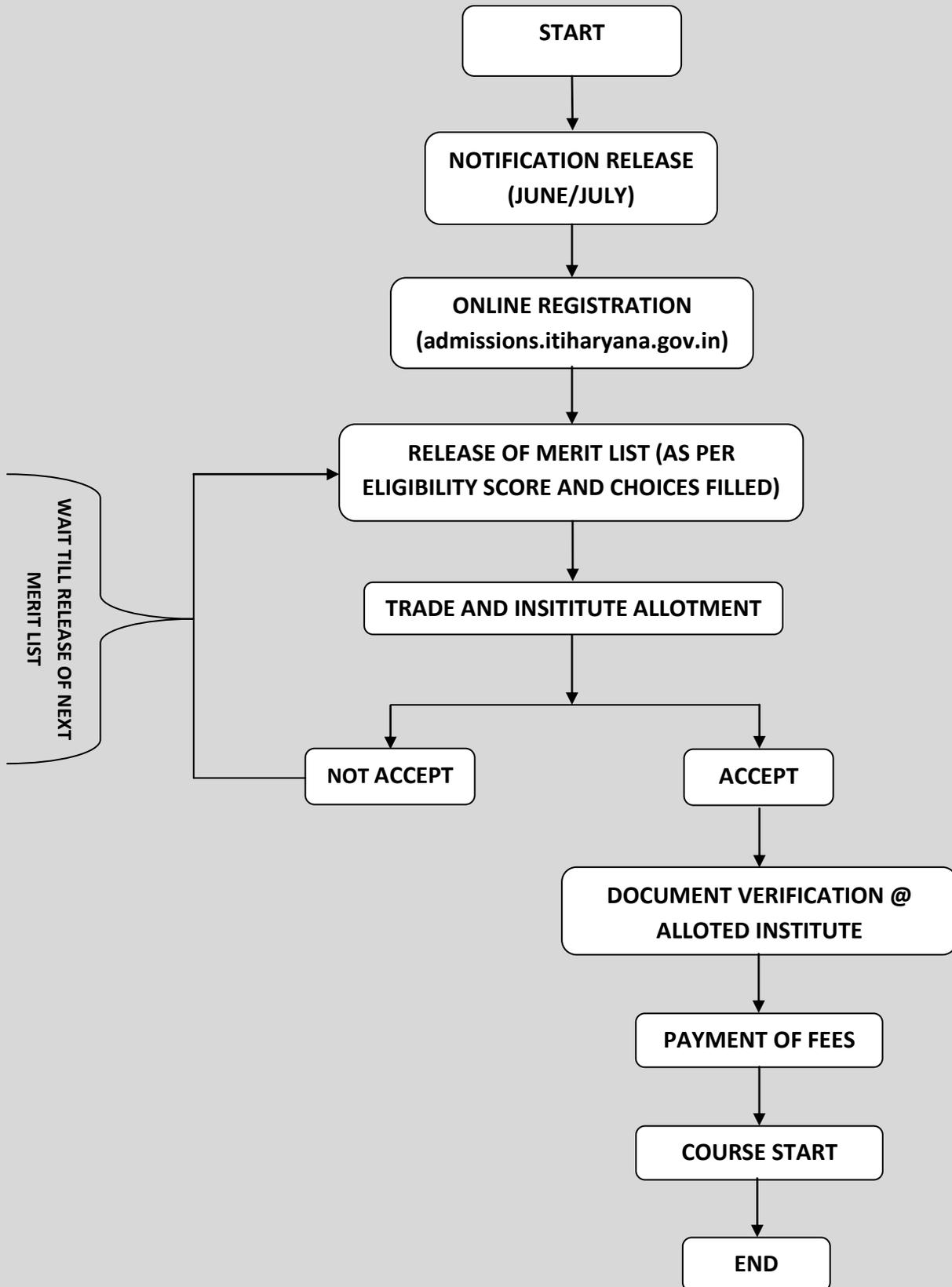
- A medical certificate is often required to ensure the candidate is physically fit for the selected trade.

5. Additional Criteria

- **Reservation Quotas:** Seats may be reserved for SC, ST, OBC, PwD, and economically weaker sections as per government norms.

NOTE: Admission in Government Industrial Training Institutes is purely based on merit.

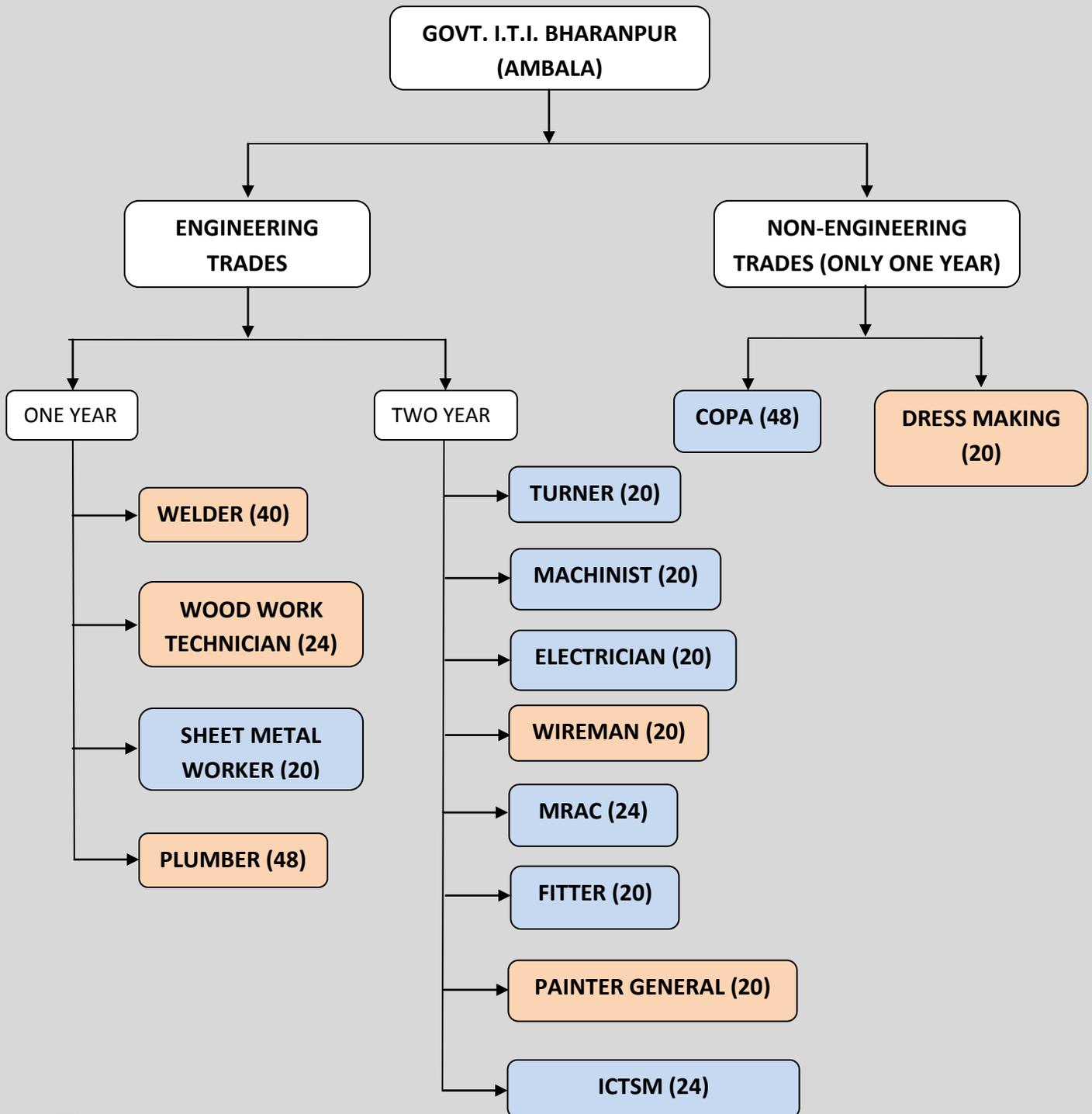
ADMISSION PROCESS



DOCUMENTS REQUIRED FOR ADMISSION

1. APPLICATION FORM (FILLED ONLINE)
2. SEAT ALLOTMENT LETTER (RELEASED WITH MERIT LIST)
3. ELIGIBILITY CERTIFICATE
 - 3.1.EIGHTH CLASS PASSED CERTIFICATE (IF APPLICABLE)
 - 3.2.MATRIC CERTIFICATE
 - 3.3.INTERMEDIATE CERTIFICATE (IF APPLICABLE)
4. CATEGORY CERTIFICATE
5. RESIDENCE CERTIFICATE OF HARYANA
6. INCOME CERTIFICATE OF FATHER
7. PHOTOCOPY OF BANK ACCOUNT OF APPLICANT
8. CHARACTER CERTIFICATE OF APPLICANT/GAP YEAR CERTIFICATE
9. FAMILY ID
10. ADHAAR CARD
- 11.TWO PHOTOGRAPH (LATEST)

COURSES WE OFFERED @ G.I.T.I. BHARANPUR



 :- ENTRY QUALIFICATION IS 8TH PASSED.

 :- ENTRY QUALIFICATION IS 10TH PASSED.

PLACEMENTS @ GITI BHARANPUR

PLACEMENT DRIVES @ GOVT. INDUSTRIAL TRAINING INSTITUTE, BHARANPUR

G.I.T.I. Bharanpur (02.12.2024) The Rozgar Mela was successfully organized at the Government Industrial Training Institute, Bharanpur, on **02nd December 2024**. The event saw active participation from **32 students**, out of which **20 students were shortlisted** by various companies, showcasing a significant step towards providing employment opportunities for the youth.

Companies visited:

1. V.D. Udyog & Electrical Engg. Pvt. Ltd. Vill.: Mandhour Industrial Area (Ambala City).
2. Swaraj Engines Ltd. Plot no. 02 Phase 09 SAS Nagar Mohali (Punjab).
3. Godrej and Boyce, Near Sohana Gurudwara Phase 8A Industrial Area, Mohali (Punjab).



Shahzadpur, November 18, 2024 – The employment and apprenticeship fair organized at the Government Industrial Training Institute (ITI) Bharanpur on Monday proved to be an excellent platform for career building for the youth. Many major industries and establishments participated in this fair and provided excellent employment and apprenticeship opportunities to the students.

Inspirational message of the chief guest

The fair was inaugurated by former MLA **Dr. Pawan Saini**. Motivating the youth, he said:

"In today's time, being ambitious and curious is the key to success. Update yourself with new technologies, develop team leadership and make discipline a part of your life. Personality can be made mature only with continuous effort and eagerness to learn."

Institute in-charge Sh. Vinod Singh Shekhawat informed that the following **establishments participated in the fair:**

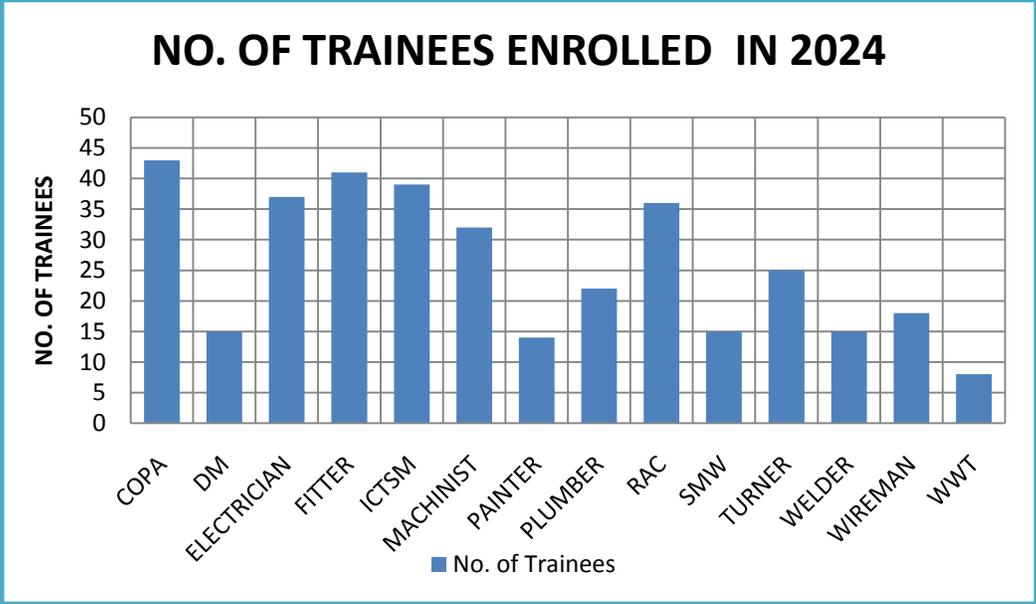
1. M/s Kundlish Stamp & Box Dye (Village Gola, Ambala)
2. M/s Sahdev Verma Plumber (Shahzadpur)
3. M/s Reliance Jio Infocom Limited (Karnal)
4. Medicura (Saha, Ambala)

A total of **27 ITI pass out students** participated in this event. Out of this, **20 students were shortlisted by the companies.**

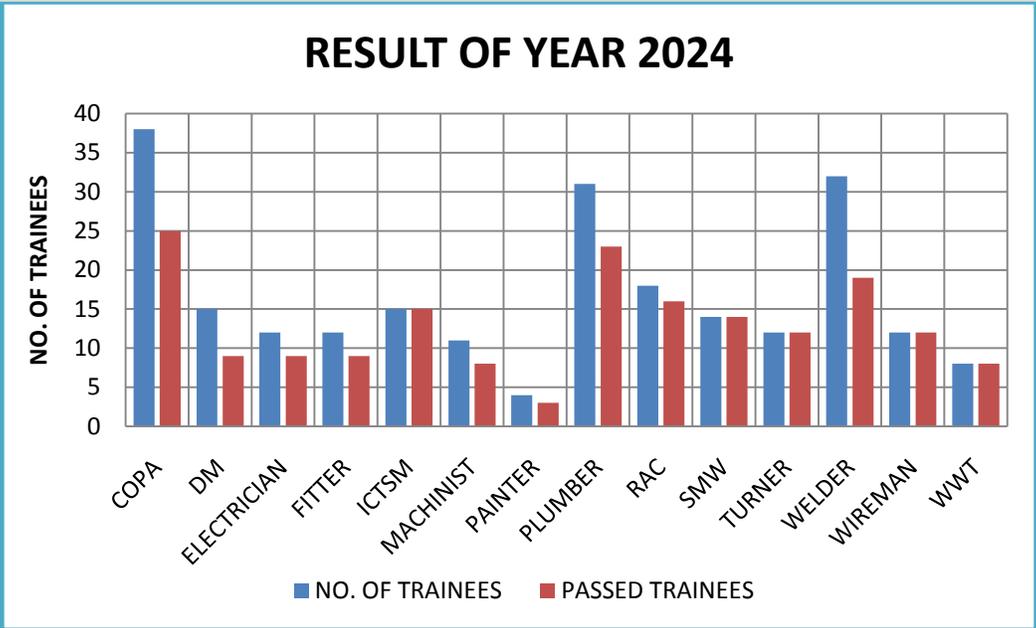


OUR STATISTICS

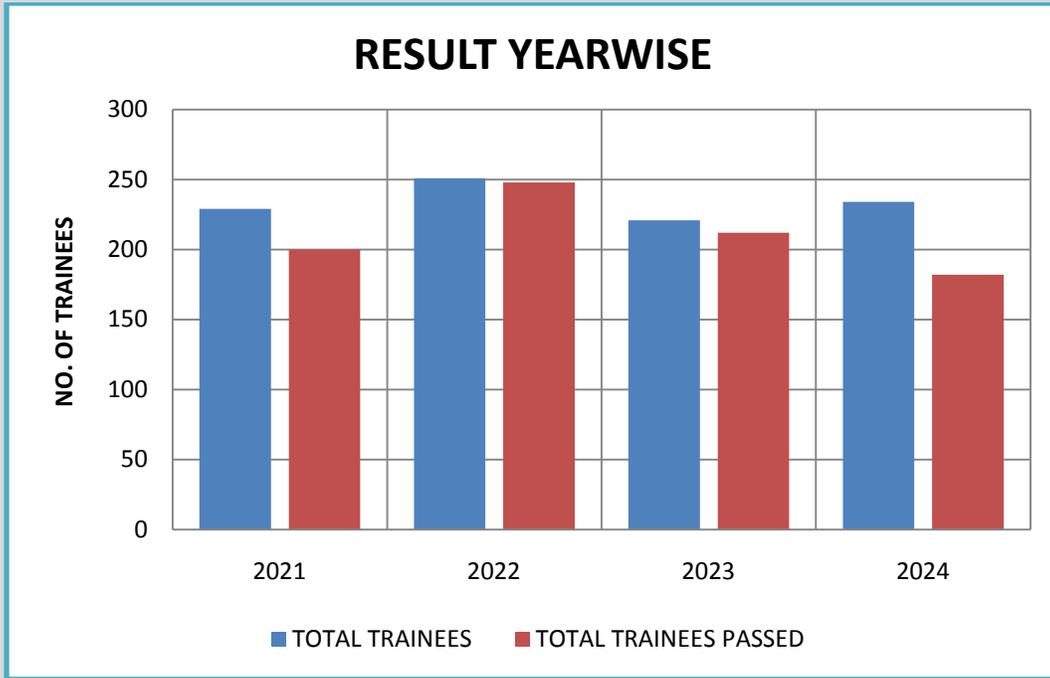
❖ TRADE WISE TRAINEES ENROLLMENT (SESSION 2024 – 2025)



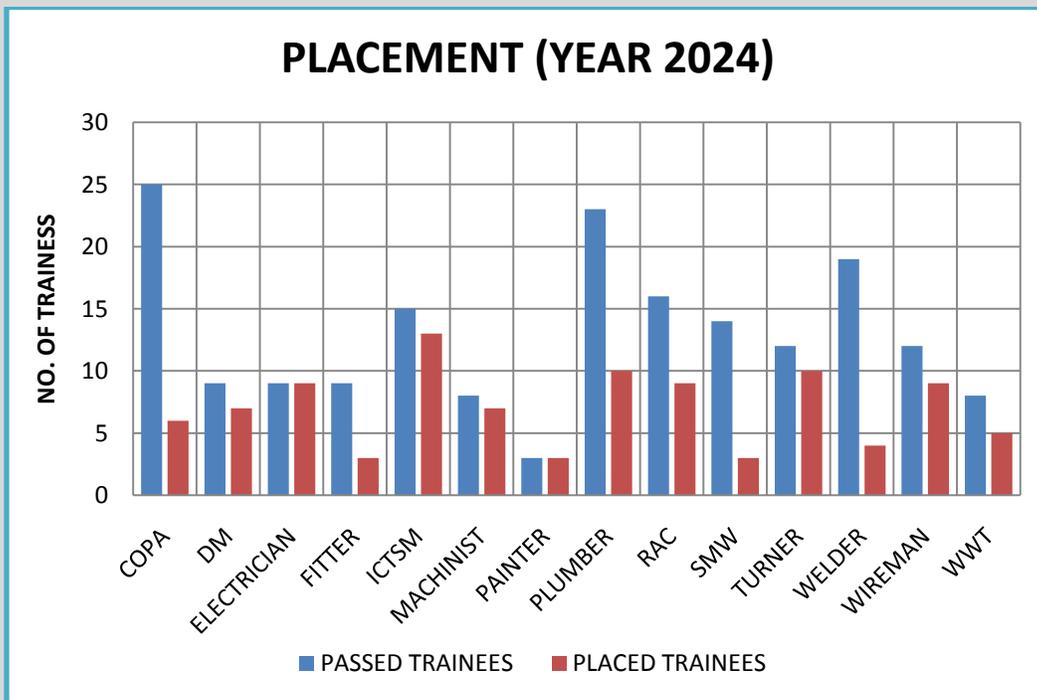
❖ TRADE WISE RESULT OF YEAR 2024



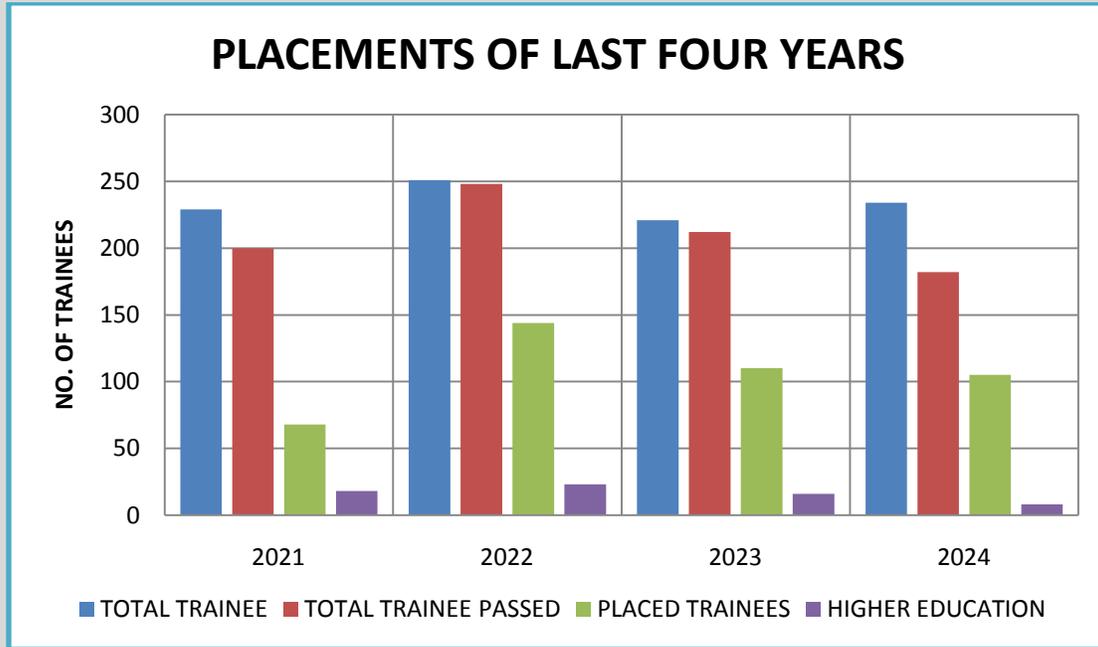
❖ YEAR WISE RESULT OF LAST FOUR YEARS



❖ TRADE WISE TRAINEES PLACEMENT (2024 PASSOUT)



❖ YEAR WISE PLACEMENT RECORD OF LAST FOUR YEARS



CONVOCATION

On the auspicious occasion of **Vishwakarma Day**, **Government Industrial Training Institute (GITI), Bharanpur** organized a **Convocation Ceremony** to confer certificates to the graduating trainees. Vishwakarma Day, celebrated as a tribute to the divine architect and engineer Lord Vishwakarma, provided a fitting backdrop for honoring the skilled hands and trained minds of the institute.

The ceremony aimed to recognize and celebrate the achievements of students who completed their training in various technical trades. The event began with traditional rituals and tributes to Lord Vishwakarma, followed by the distribution of **National Trade Certificates** to the successful candidates.

Students who excelled in academics, practical training, and discipline were specially awarded. The atmosphere reflected pride, motivation, and a strong sense of professional accomplishment.



CONVOCATION CEREMONY OF BATCH 2022



CONVOCATION CEREMONY OF BATCH 2023

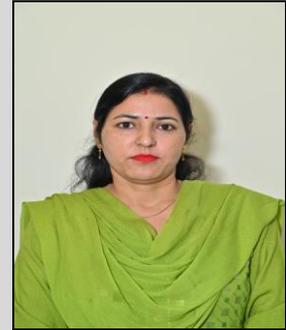


CONVOCATION CEREMONY OF BATCH 2024

EDITORIALS

The Transformative Power of Cloud Computing: Unlocking Benefits, Pioneering Applications, and Shaping Careers

Cloud computing is revolutionizing industries, reshaping business strategies, and creating a dynamic job market. By offering on-demand access to vast computing resources over the internet, it has fundamentally altered how organizations operate and innovate. This article delves into cloud computing's profound impact, its wide-ranging applications, and the burgeoning career opportunities it presents.



Smt. Shelly,
COPA Instructor

Introduction

Cloud computing is at the heart of modern technological advancement. Over 90% of global enterprises have integrated cloud technologies, transforming the way businesses scale, operate, and collaborate. From enhancing operational efficiency to enabling new business models, the cloud is not just a tool—it is the driving force behind the next wave of innovation across industries, including business, education, entertainment, and more.

Key Applications Driving Change **Business Transformation:**

Cloud computing enables seamless collaboration, cost reduction, and rapid scalability. It equips businesses with the agility to adapt to market demands, driving growth and innovation.

Data Management: storage options, ensuring fast and reliable access to critical data.

As data becomes the world's most valuable asset, cloud solutions offer scalable, secure, and efficient

Entertainment & Media:

Cloud technologies have redefined content delivery, powering high-definition streaming services, online gaming, and scalable social media platforms with global reach.

Educational Innovation:

Cloud computing empowers e-learning by providing students with continuous access to educational resources while enabling educators to manage and assess performance remotely.



The Cloud Ecosystem: Service Models & Benefits

Cloud computing provides three core service models:

IaaS (Infrastructure as a Service): Rentable virtual infrastructure to reduce capital expenditure.

PaaS(Platform as a Service): A development platform for creating applications without managing hardware.

SaaS (Software as a Service): Software delivered online, eliminating the need for on-premise installations.

Cloud deployment models—Public, Private, Hybrid, and Community—offer flexibility and scalability. Key advantages include

Economic Impact:

Cloud infrastructure can reduce IT costs by up to 50%, redirecting funds to innovation and growth.

Workforce Empowerment:

Cloud-based systems enable remote work, enhancing productivity and flexibility.

Data Security:

Advanced security features, including disaster recovery and multi-layered protocols, ensure data integrity and business continuity.

Rising Career Opportunities in Cloud Computing

As cloud technology continues to reshape industries, demand for skilled professionals grows rapidly. Key roles in the field include:

Cloud Developer: Architects cloud-based applications and solutions.

Cloud Security Engineer: Protects cloud environments, ensuring data security and privacy.

SysOps Administrator: Manages cloud infrastructure to ensure reliability and optimal performance.

DevOps Engineer: Automates processes, enabling continuous integration and efficient cloud deployment.

Conclusion

Cloud computing is transforming industries, driving digital innovation, and opening up a world of career opportunities. As emerging technologies such as artificial intelligence and machine learning continue to integrate with the cloud, the significance of cloud computing will only increase. For professionals, gaining expertise in cloud technologies is essential to staying competitive in today's evolving digital landscape.

Recommendations for Professionals

To stay ahead in this dynamic field, professionals should:

Master cloud platforms like AWS, Microsoft Azure, and Google Cloud.

Stay current with cutting-edge technologies like AI and machine learning.

Hone programming skills in languages such as Python, Java, and JavaScript to excel in cloud-native environments.

Future Directions

Future research should explore how cloud computing impacts global business models and examine its potential in emerging markets. Additionally, exploring the integration of technologies such as block chain and quantum computing with cloud platforms will be key to understanding the next phase of cloud evolution. The effectiveness of cloud-powered educational systems, especially post-pandemic, should also be closely studied.

Cloud computing continues to drive the future of technology and career development. By staying informed and adaptable, professionals can unlock the immense potential of the cloud and remain at the forefront of digital transformation.

Breaking Barriers: ITIs as Catalysts for Women's Empowerment in Skill Development

For too long, technical education has been viewed as a male stronghold, a perception that has kept women away from fields like welding, electrical work, and automotive repair. But the winds of change are blowing, and at the forefront of this shift are Industrial Training Institutes (ITIs). Once perceived as male-dominated spaces, ITIs are now breaking stereotypes and giving women the tools to achieve financial independence and societal redefinition.



Smt. Minakshi Bali

E.S. Instructor

Economic Independence Through Skill Mastery

Women's involvement in ITIs isn't just about learning new skills—it's a pathway to real economic empowerment. By entering trades traditionally dominated by men, women are securing well-paying jobs in electronics, electrical work, and even computer programming. No longer confined to roles deemed "appropriate" for their gender, they are proving that technical expertise knows no gender boundaries.

Some ITIs still offer traditional courses in tailoring and beauty care, but the true transformation lies in women entering non-traditional fields. This signals more than just a career shift; it's a redefinition of women's roles in society. As they succeed, they become trailblazers, paving the way for others and dismantling decades of gender norms.

Challenging Stereotypes, Changing Minds

As women step into technical roles, they send a clear message: gender does not determine capability. ITIs are helping dismantle the old belief that men are naturally better suited for technical trades. Each woman excelling in these fields is an inspiration, showing younger generations that they too can pursue careers once thought off-limits.

The impact is far-reaching. The sight of women thriving in technical fields has a profound influence, not just on other women but on society at large. When women succeed in male-dominated industries, they challenge long-standing stereotypes, proving that technical prowess is about skill—not gender.

Creating Inclusive Learning Environments

However, the road to inclusion is not without obstacles. Women entering these fields often face unique challenges, from navigating male-dominated classrooms to battling implicit biases. To combat this, ITIs are taking deliberate steps to create supportive environments. Initiatives like

mentorship programs and gender-sensitivity training are not only helping women thrive but are also fostering a culture of respect and collaboration among male peers and instructors.

This isn't just about supporting women—it's about transforming the culture of technical education itself. By engaging male students and teachers, ITIs are helping to reshape societal attitudes toward women in technical fields, ensuring that future generations can follow in these pioneers' footsteps without fear of judgment or exclusion.

Fueling Economic Growth, One Woman at a Time

The benefits of this empowerment extend beyond the individual. As women enter technical fields, they contribute to the economy in profound ways. Their skills open doors to stable, high-paying jobs, which in turn improve their financial standing and elevate the economic conditions of their families. Women gaining control over their finances also have greater decision-making power at home, disrupting cycles of poverty and dependence.

On a broader scale, the inclusion of women in diverse industries drives innovation and productivity. A more gender-diverse workforce enhances creativity and competitiveness, enriching industries that have long been male-dominated.

The Future of Equality Lies in ITIs

ITIs have the power to revolutionize not only women's lives but also entire societies. By offering training in both traditional and non-traditional fields, these institutions are challenging outdated stereotypes and providing women with the tools to gain economic independence. As the demand for skilled workers grows, ITIs are ensuring that women are not left behind in the race for progress.

But we can't stop here. To truly realize a future of equality, ITIs must continue to prioritize inclusivity, ensuring that women have equal access to opportunities in technical fields. The path to a prosperous society—one where gender no longer dictates professional potential—is being paved by the women in ITIs today.

In conclusion, ITIs are doing more than teaching skills—they are changing lives. By empowering women to step into roles once closed to them, they are reshaping societal perceptions and creating a ripple effect that extends beyond individual empowerment. In this ongoing transformation, ITIs stand as a beacon of hope for a future where equality in technical education is not just an aspiration but a reality.

Emerging trends in Mechanical Engineering

Mechanical engineering is at the cutting edge of advancement, continually advancing to meet the challenges of constantly changing society. As innovation propels, a few key patterns are forming the future of this energetic field. This article explores the changing scenario in mechanical engineering and its implications for the future.



Sh. Karamjeet Saini

E.D. Instructor

1. Added substance Manufacturing (3D printing)

Additive fabricating, commonly known as 3D printing, is revolutionizing generations. This innovation permits for the creation of complex geometries that can not be accomplished by conventional fabricating strategies.

2. Savvy Materials

Smart materials are designed to react to natural changes, such as temperature, weight and pressure. These materials can alter shape, solidness, or other properties in reaction to boosts. Their applications span different divisions, counting aviation, car, and restorative gadgets, where versatile usefulness can altogether improve execution and efficiency.

3. Web of Things (IoT) Integration

The integration of IoT into mechanical frameworks is changing how we screen and control machines. By inserting sensors and network into gadgets, engineers can collect real-time information for investigation. This network empowers prescient upkeep, lessening downtime and optimizing execution. IoT applications are predominant in fabricating, vitality administration, and indeed shrewd transportation systems.

4. Maintainability and Green Engineering

As worldwide mindfulness of natural issues develops, supportability has gotten to be a basic center in mechanical building. Engineers are progressively entrusted with creating energy-efficient plans and utilizing eco-friendly materials. Developments such as renewable vitality frameworks, squander decrease techniques, and lifecycle appraisals are getting to be standard hone, driving the industry toward a more maintainable future.

5. Mechanization and Robotics

Automation is reshaping the fabricating scene. Progressed mechanical technology and mechanized frameworks improve generation productivity, exactness, and security. Collaborative robots (cobots) work nearby human administrators, expanding efficiency and permitting for complex assignments to be performed with negligible chance. The slant towards computerization is predominant in segments like car fabricating, coordination, and gathering lines.

6. Advanced Twin Technology

Digital twin innovation includes making a virtual copy of physical frameworks for real-time observing and recreation. This inventive approach empowers engineers to analyze execution, anticipate disappointments, and optimize plans. By leveraging information from the physical twin, engineers can upgrade support procedures and item improvement, driving to made strides unwavering quality and efficiency.

7. Manufactured Insights and Machine Learning

AI and machine learning are progressively utilized in mechanical building for optimization and decision-making. These advances can analyze endless sums of information to distinguish designs and make strides plan forms. From optimizing supply chains to improving item improvement, AI is getting to be an fundamentally portion of building workflows.

8. Biomechanics

Biomechanics, the application of mechanical building standards to organic frameworks, is picking up footing, particularly in healthcare. Engineers are creating prosthetics, inserts, and assistive gadgets that mirror common developments and move forward quiet results. This intrigue approach is cultivating development in therapeutic innovation and rehabilitation.

9. Vitality Harvesting

Energy collecting innovations capture and store vitality from different sources, such as sun oriented, wind, or motor vitality. These frameworks upgrade proficiency and maintainability, especially in farther or off-grid applications. Mechanical engineers are investigating unused strategies to make strides vitality collecting innovations, making them more successful and broadly applicable.

10. Progressed Recreation Tools

Advanced recreation devices are getting to be basic in the plan and investigation handle. These apparatuses permit engineers to demonstrate complex frameworks and evaluate execution beneath different conditions. By recreating real-world scenarios, engineers can distinguish potential issues early in the plan stage, driving to superior items and diminished improvement costs.

Conclusion

The scene of mechanical building is quickly changing, driven by innovative headways and the require for maintainable arrangements. As these rising patterns proceed to create, they guarantee to reshape the industry, cultivating advancement and moving forward proficiency over different divisions. Mechanical engineers who grasp these patterns will be well-positioned to lead in this advancing field, tending to the challenges of nowadays and tomorrow.

The Transforming Dynamics of the Sheet Metal Worker Trade: A Global and Indian Perspective

The sheet metal worker trade has been a cornerstone in critical sectors such as construction, manufacturing, and transportation. As industries evolve and technology advances, the demand for skilled sheet metal workers continues to rise. In India, Industrial Training Institutes (ITIs) play a pivotal role in preparing a workforce ready to meet these demands. This article explores the global and Indian scenarios of the sheet metal worker trade, emphasizing the role of ITIs in shaping skilled professionals for this field.



Global Industry Insights

Sheet metal workers are responsible for fabricating, installing, and repairing metal products such as ducts, roofing systems, and machinery components. Globally, the sheet metal industry is expected to grow at a CAGR of 4.8% from 2021 to 2028, driven by increasing applications in sectors like construction, aerospace, and automotive manufacturing. In the United States, employment of sheet metal workers is projected to grow by 4% between 2020 and 2030, according to the U.S. Bureau of Labor Statistics.

Sh. Suresh Kumar

S.M.W. Instructor

In India, the sheet metal fabrication market is experiencing a significant surge, driven by initiatives like Make in India and the Skill India Mission. The market is expected to grow at a CAGR of 6.2% from 2023 to 2030, with investments pouring into sectors such as renewable energy, smart cities, and the automotive industry. The growth of industrial corridors and infrastructure projects further amplifies the demand for skilled workers in this trade.

Diverse Employment Opportunities

The adaptability of sheet metal workers makes them integral to various industries. ITI-trained professionals are well-positioned to tap into these opportunities:

- 1. Construction:** With the global construction market estimated to reach \$14 trillion by 2030, there is a growing need for skilled workers for roofing, ductwork, and siding installations. In India, initiatives like Housing for All and green building projects are driving this demand.
- 2. Manufacturing:** The PLI (Production Linked Incentive) scheme in India is expected to create millions of manufacturing jobs, with sheet metal fabrication playing a key role in producing machinery and automotive components.
- 3. HVAC Systems:** Rising global temperatures have increased demand for HVAC installations, where sheet metal workers are indispensable.
- 4. Shipbuilding and Aerospace:** In India, projects like Sagarmala and growing aerospace manufacturing hubs, such as Bengaluru, are creating job opportunities for ITI-trained workers.

5. Automotive: Valued at \$250 billion by 2030, India's automotive sector is a major employer of sheet metal workers for chassis, body panels, and engine parts.

6. Government Projects: Infrastructure projects like Bharatmala Pariyojana and defense manufacturing offer numerous opportunities for trained professionals.

The Role of ITI Training

ITIs in India are critical in equipping students with the skills required for the sheet metal trade. Programs include hands-on training in:

1. Fabrication and Welding: Proficiency in techniques like gas welding and TIG/MIG welding.
2. CAD/CAM Design: Training in computer-aided design for precision manufacturing.
3. Blueprint Reading: Developing the ability to interpret technical drawings.
4. Safety Practices: Training in workplace safety and use of protective equipment.

Under the Skill India Mission, ITIs have upgraded their curriculum to include advanced technologies like CNC (Computer Numerical Control) operations. The introduction of dual-training models, industry partnerships, and apprenticeships ensures that students are industry-ready upon graduation.

Conclusion: A Promising Career Path

The sheet metal worker trade offers a dynamic and rewarding career with opportunities across multiple industries. ITIs in India play a vital role in bridging the skill gap, empowering youth to meet the demands of both domestic and global markets.

With government initiatives supporting skill development and industrial growth, ITI-trained professionals in the sheet metal trade are poised for a bright future. By acquiring technical expertise and embracing innovation, these workers contribute significantly to the advancement of industries and the nation's economic growth.

TRANSFORMERS

Transformers are essential components in electrical engineering, particularly in power systems, as they enable the efficient transmission and distribution of electrical energy. Below is a comprehensive overview of transformers, their types, working principles, and applications:



Sh. Abhilash,
Wireman Instructor

What is a Transformer?

A **transformer** is an electrical device that transfers electrical energy between two or more circuits through electromagnetic induction. Transformers are used to step up (increase) or step down (decrease) the voltage levels in alternating current (AC) electrical systems. They are crucial for efficiently transmitting electricity over long distances by converting high-voltage, low-current power to low-voltage, high-current power (or vice versa).

Working Principle of a Transformer

Transformers operate based on **electromagnetic induction**, a principle discovered by Michael Faraday. The basic steps are:

1. **AC Input (Primary Side):** An alternating current (AC) is supplied to the primary coil (input coil).
2. **Magnetic Field Creation:** The AC flowing through the primary coil creates a varying magnetic field around it.
3. **Induced Voltage (Secondary Side):** The varying magnetic field induces a voltage in the secondary coil (output coil). The magnitude of this induced voltage depends on the ratio of turns between the primary and secondary coils.
4. **Voltage Transformation:** Depending on the number of turns in the primary and secondary coils, the voltage can either increase or decrease.
 - If the secondary coil has more turns than the primary, the voltage increases (step-up transformer).
 - If the secondary coil has fewer turns than the primary, the voltage decreases (step-down transformer).

Key Components of a Transformer

- **Primary Coil:** The coil connected to the power supply. It receives the input voltage.
- **Secondary Coil:** The coil that delivers the transformed voltage to the load.
- **Core:** Usually made of laminated steel, the core provides a controlled path for the magnetic flux. It enhances the efficiency of the transformer by minimizing energy losses.
- **Insulating Material:** Used to prevent electrical shorts between the windings of the transformer.

Types of Transformers

1. **Step-up Transformer:** Increases the voltage from primary to secondary. Used in power transmission to reduce energy loss over long distances.
2. **Step-down Transformer:** Decreases the voltage from primary to secondary. Common in residential and commercial areas for supplying power at usable voltages.
3. **Isolation Transformer:** Provides electrical isolation between the primary and secondary circuits, often used for safety or reducing noise in sensitive equipment.
4. **Autotransformer:** Has a single winding that acts as both the primary and secondary. It is more compact and efficient for voltage conversion but does not provide complete isolation between circuits.
5. **Toroidal Transformer:** Uses a doughnut-shaped core, offering reduced size, weight, and electromagnetic interference (EMI) compared to traditional transformers.
6. **Three-Phase Transformer:** Used in three-phase systems to step up or step down voltage. This type of transformer is commonly used in industrial and commercial power systems.
7. **Power Transformer:** High-power transformers used in transmission networks to step up or step down voltage levels over long distances.
8. **Distribution Transformer:** Used to reduce the voltage for local distribution, typically found in substations and near residential areas.

Transformer Rating

Transformers are rated based on their power handling capacity, which is usually expressed in **kVA (kilovolt-amperes)**. The voltage rating is given in terms of primary and secondary voltage, for example, 230V: 11kV, indicating the primary voltage is 11kV and the secondary is 230V.

Applications of Transformers

1. **Power Transmission:** Transformers are widely used in the transmission of electrical power from power stations to homes and industries. High-voltage transmission minimizes energy losses during long-distance transmission.
2. **Voltage Regulation:** Transformers help maintain the required voltage levels for different systems, reducing voltage fluctuations in electrical circuits.
3. **Electrical Isolation:** Isolation transformers separate sensitive equipment from the power grid, protecting devices from power surges and electrical faults.
4. **Renewable Energy:** In solar, wind, and hydroelectric power systems, transformers are used to adjust the voltage for storage in batteries or for connecting to the grid.
5. **Industrial Systems:** Large-scale transformers are used to provide appropriate voltage levels for heavy industrial equipment, such as motors, machinery, and furnaces.

Efficiency and Losses in Transformers

Transformers are generally highly efficient (up to 98-99% in modern designs), but they still experience some energy losses:

- **Core Losses:** Caused by hysteresis and eddy currents in the core material. These are minimized by using laminated cores and high-quality materials.
- **Copper Losses:** Caused by the resistance of the wire windings. The use of thicker wire and high-quality insulation reduces these losses.
- **Leakage Flux:** Not all the magnetic flux in a transformer is confined to the core, leading to energy leakage.

Advantages of Transformers

- **Efficient Power Transmission:** Allow for the transmission of electricity at high voltages and low currents, reducing energy loss.
- **Compact Size:** Modern transformers are designed to be compact and lightweight, making them suitable for various applications, including consumer electronics.
- **Reliability and Safety:** Transformers can isolate parts of a system, offering safety to sensitive equipment and providing protection from power surges.

Challenges and Innovations

- **Size and Weight:** While transformers are efficient, they can be bulky and heavy, especially at high voltage levels.
- **Maintenance and Reliability:** Continuous monitoring and maintenance are required to ensure transformers operate efficiently and safely.
- **Smart Transformers:** With the advent of digital technologies, smart transformers are being developed that integrate monitoring, diagnostic, and control functions for enhanced performance.

Transformers remain at the heart of modern electrical power systems, enabling the safe and efficient delivery of electricity to consumers across the globe. Their importance is only growing as the demand for energy continues to rise, and the need for sustainable and reliable electrical infrastructure increases.

वुड वर्किंग और आर्किटेक्चरल डिज़ाइन : कला और तकनीक का संगम

आज के आधुनिक युग में जहाँ टेक्नोलॉजी हर क्षेत्र में अपनी पकड़ मजबूत कर रही है, वहीं कुछ पारंपरिक विधाएँ अब भी अपनी उपयोगिता और सौंदर्य के कारण महत्वपूर्ण बनी हुई हैं। **वुड वर्किंग (लकड़ी का काम)** और **आर्किटेक्चरल डिज़ाइन (वास्तु डिज़ाइन)** ऐसी ही दो विधाएँ हैं, जो न केवल निर्माण कार्य की रीढ़ हैं, बल्कि सौंदर्य और कार्यकुशलता का सुंदर मेल भी प्रस्तुत करती हैं।



ROHIT KUMAR
WOOD WORK TECHNICIAN
INSTRUCTOR

वुड वर्किंग : पारंपरिक कला, आधुनिक रूप

वुड वर्किंग एक ऐसी विधा है जिसमें लकड़ी को काटकर, तराशकर, जोड़कर उपयोगी और सुंदर वस्तुएं बनाई जाती हैं। चाहे वो फर्नीचर हो, खिड़की-दरवाजे हों, सजावटी आइटम हों या आधुनिक इंटीरियर डिज़ाइन —लकड़ी हर जगह उपयोगी है। आज CNC मशीनें और आधुनिक टूल्स की सहायता से वुड वर्किंग में सटीकता और गुणवत्ता पहले से कहीं बेहतर हो गई है।

आर्किटेक्चरल डिज़ाइन : कल्पना को आकार देने की कला

आर्किटेक्चरल डिज़ाइन वह प्रक्रिया है जिसमें किसी इमारत, मकान या ढांचे को सुंदर, सुरक्षित और उपयोगी रूप में ढाला जाता है। यह केवल नक्शा बनाने का कार्य नहीं है, बल्कि यह तय करता है कि भवन कितना मजबूत होगा, उसमें प्रकाश और हवा की व्यवस्था कैसी होगी, और उसका सौंदर्य कैसा दिखेगा।

वुड वर्किंग और वास्तु डिज़ाइन का मेल

जब वुड वर्किंग और आर्किटेक्चरल डिज़ाइन एक साथ आते हैं, तो परिणाम होता है — एक ऐसा भवन जो तकनीकी दृष्टि से सुदृढ़ हो और साथ ही नेत्र सुखद भी। लकड़ी का प्रयोग दरवाजों, खिड़कियों, सीढ़ियों, छत की सजावट, और दीवारों की पैनेलिंग में विशेष रूप से होता है, जो किसी भी संरचना को भव्यता प्रदान करता है।

आई.टी.आई. में प्रशिक्षण का महत्व

राजकीय आई.टी.आई. भारांपुर में वुड वर्किंग और वास्तु डिज़ाइन से संबंधित प्रशिक्षण युवाओं को आत्मनिर्भर और कुशल बनाता है। यहाँ आधुनिक उपकरणों के साथ-साथ पारंपरिक तकनीकों का भी समुचित प्रशिक्षण दिया जाता है, जिससे छात्र रोजगार के बेहतर अवसर प्राप्त कर सकें।

निष्कर्ष

वुड वर्किंग और आर्किटेक्चरल डिज़ाइन न केवल एक व्यावसायिक कौशल हैं , बल्कि ये हमारे सांस्कृतिक और निर्माणात्मक विरासत का हिस्सा भी हैं। यदि इन्हें सही प्रशिक्षण और रचनात्मकता के साथ अपनाया जाए , तो यह युवाओं को एक उज्ज्वल भविष्य की ओर ले जा सकता है।

TESTIMONY

राजकीय औद्योगिक प्रशिक्षण संस्थान भारांपुर की एक गर्वित छात्रा के रूप में मेरा अनुभव

मेरा नाम मीना है , और मुझे गर्व है कि मैं राजकीय औद्योगिक प्रशिक्षण संस्थान भारांपुर में COPA व्यवसाय की छात्रा रही हूं। वर्तमान में मैं अपने इसी संस्थान से अप्रेंटिसशिप कर रही हूं , और यह मेरे लिए एक अत्यंत मूल्यवान अनुभव है।

यहां के सभी अनुदेशक अत्यंत निपुण , सहयोगी और ज्ञानवान हैं , जो हमें न केवल तकनीकी कौशल सिखाते हैं , बल्कि आत्मविश्वास और समर्पण की भावना भी जागृत करते हैं। नियमित रूप से कार्य करने से हमारा आत्मविश्वास निरंतर बढ़ता है , जिससे हम अपने कार्य को और अधिक निपुणता और लगन के साथ संपन्न कर पाते हैं। संस्थान में अनुशासन को सर्वोपरि रखा जाता है, जिससे न केवल हमारा प्रशिक्षण प्रभावी बनता है , बल्कि हमारे व्यक्तिगत जीवन और व्यवहार में भी सकारात्मक परिवर्तन आता है। यहां सभी अनुदेशक और वर्ग अनुदेशक छात्र-छात्राओं के प्रति अत्यंत विनम्र , प्रेरणादायक और प्रोत्साहित करने वाले हैं , जिससे सीखने की प्रक्रिया और अधिक आनंददायक हो जाती है। इस संस्थान में कार्य करने का मेरा अनुभव अत्यंत प्रेरणादायक रहा है। इससे न केवल मेरा आत्मविश्वास बढ़ा है , बल्कि कार्य के प्रति मेरी रुचि और समर्पण भी कई गुना बढ़ गया है। और सबसे महत्वपूर्ण बात , हमारे प्रधानाचार्य श्री विनोद सिंह शेखावत जी के नेतृत्व और अनुशासनप्रियता के कारण संस्थान में अभूतपूर्व बदलाव आए हैं। उनके अथक प्रयासों से प्रशिक्षण स्तर में उत्कृष्ट सुधार हुआ है , जिससे छात्र-छात्राओं को सर्वोत्तम सीखने का अवसर प्राप्त हो रहा है। उनकी ईमानदारी, अनुशासन और समर्पण के कारण संस्थान आज प्रगति के पथ पर अग्रसर है, और हम सभी को उन पर गर्व है।

मैं स्वयं को सौभाग्यशाली मानती हूं कि मुझे इस संस्थान में प्रशिक्षण और कार्य करने का अवसर मिला, जिसने मेरे भविष्य को उज्ज्वल बनाने में महत्वपूर्ण भूमिका निभाई है।

- मीना, अप्रेंटिस

राजकीय औद्योगिक प्रशिक्षण संस्थान भारांपुर में मेरा प्रेरणादायक अनुभव

मेरा नाम आंचल है, और मुझे गर्व है कि मैंने राजकीय औद्योगिक प्रशिक्षण संस्थान भारांपुर से कंप्यूटर ऑपरेटर और प्रोग्रामिंग असिस्टेंट (COPA) व्यवसाय में 2021-22 सत्र में सफलता पूर्वक प्रशिक्षण प्राप्त किया। आज, जुलाई 2024 से, मैं इसी संस्थान में COPA ट्रेड में अप्रेंटिसशिप कर रही हूँ, और यह मेरे लिए एक बेहद सीखने योग्य और प्रेरणादायक अनुभव रहा है।

प्रशिक्षण के दौरान जो तकनीकी ज्ञान और व्यावहारिक अनुभव मैंने अर्जित किया, वह अब अप्रेंटिसशिप में मेरे लिए अत्यंत उपयोगी सिद्ध हो रहा है। इस अवधि में मेरे ज्ञान में गहराई आई है, कार्य करने की दक्षता बढ़ी है और आत्मविश्वास भी कई गुना बढ़ा है। संस्थान में कार्य करते हुए मैं हर दिन कुछ नया सीख रही हूँ, जिससे मेरे कौशल और व्यावसायिक दक्षता में लगातार सुधार हो रहा है।

सबसे महत्वपूर्ण बात यह है कि संस्थान का वातावरण अनुशासित, सहयोगी और प्रेरणादायक है। यहां सभी कार्य सरलता और सुव्यवस्थित रूप से संपन्न होते हैं, जिससे हमें बिना किसी बाधा के सीखने और कार्य करने का अवसर मिलता है। अगर मुझे कभी कोई समस्या हुई, तो संस्थान के समस्त स्टाफ सदस्यों ने पूर्ण सहयोग प्रदान किया और मुझे आगे बढ़ने के लिए प्रेरित किया।

विशेष रूप से, हमारे आदरणीय प्रधानाचार्य श्रीमान विनोद सिंह शेखावत जी की भूमिका मेरे लिए अत्यंत प्रेरणादायक रही है। उनका नेतृत्व, अनुशासनप्रियता और प्रगतिशील दृष्टिकोण न केवल संस्थान को ऊंचाइयों पर ले जा रहा है, बल्कि हम सभी प्रशिक्षुओं को भी अपने लक्ष्य प्राप्त करने के लिए प्रोत्साहित कर रहा है। वे वास्तव में हम सबके लिए प्रेरणा स्रोत हैं।

मैं स्वयं को सौभाग्यशाली मानती हूँ कि मुझे इस प्रतिष्ठित संस्थान में सीखने और कार्य करने का अवसर मिला, जिसने मेरे भविष्य को एक नई दिशा दी है।

- आंचल, अप्रेंटिस

From Modest Beginnings to Extraordinary Heights: The Unstoppable Journey of Deepak Sharma

In a world where grit and ambition make all the difference, Deepak Sharma's journey is nothing short of awe-inspiring. Rising from humble origins, Deepak's story shines as a powerful testament to what relentless determination, resilience, and an unbreakable drive can achieve.

A Bold First Step Toward Greatness

Deepak's journey began with a courageous choice: he enrolled in an ITI course. An ITI graduate in the DMM trade from Govt. I.T.I Rohtak, Deepak took what might have seemed ordinary to others and turned it into his launchpad to a life of boundless potential. He didn't stop at mastering the basics; he pursued technical excellence with a rare passion that would fuel his journey to success.

Early Struggles and an Unyielding Spirit

In 2010, Deepak joined Minda Industries in Udyog Vihar, Gurugram, as a technician, earning just ₹ 6,000 per month—a figure that barely scratched the surface of his aspirations. But while others might have seen limitations, Deepak saw a challenge he was born to conquer. Every setback was a stepping stone, every obstacle a chance to refine his skills. Through tireless effort and unwavering belief in himself, Deepak turned each challenge into an opportunity for growth.

The Game-Changer: A Leap of Faith

With time, Deepak's relentless pursuit of excellence brought him to a turning point. He joined HPL Electric & Power Pvt. Ltd. in 2012 as a Jr. Design Engineer in the R&D Department, marking a pivotal shift toward his long-term goals. In November 2017, he joined Anchor by Panasonic as a Sr. Engineer in R&D, and later, in February 2023, Deepak advanced to Assistant Manager in the R&D Department at Legrand India Ltd.

Each step allowed him to gain new skills, build valuable networks, and prove his capabilities, continually moving closer to the professional heights he aspired to reach.

Reaching New Heights at RR Kabel

Today, Deepak stands as a Deputy Manager in R&D at RR Kabel in Vadodara, having joined on September 20, 2024. With a well-deserved annual package of ₹ 19.5 lakh, Deepak's rise from a ₹ 6,000-a-month technician to a senior role with a substantial salary is a testament to the power of hard work, resilience, and an insatiable thirst for learning. Deepak's story is a beacon of hope, showing that dreams are achievable if you are willing to dedicate yourself wholeheartedly.

Key Lessons from Deepak's Journey

1. **Passion and Perseverance Conquer All:** Deepak's story shows that a fiery passion and a never-give-up attitude can turn any challenge into a stepping stone.
2. **Constant Learning Fuels Success:** By continually upskilling, Deepak opened doors to new opportunities, showcasing the unmatched value of lifelong learning.
3. **Resilience is the Road to Greatness:** Deepak's adaptability and grit during challenging times underscore the importance of resilience in reaching one's dreams.

A Message of Empowerment and Hope

Reflecting on his journey, Deepak shares a powerful message: "Believe in yourself, take risks, and never let go of your dreams." His words embody a universal truth—that with courage, hard work, and the right mindset, anything is possible.

Celebrating an Inspirational Journey

Deepak Sharma's rise from modest beginnings to remarkable achievement serves as a shining example for others. His story proves that success isn't about where you start; it's about where you're determined to go. Congratulations, Deepak! Your journey is a reminder to us all that greatness is a path paved by resilience, passion, and the pursuit of excellence.

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SUNDAY, 27 OCTOBER 2024 AMBALA KESARI

अम्बाला केसरी

(अम्बाला केसरी)

विद्यार्थी जीवन एक ऐसी यात्रा, जो अस्थाई कदमों के साथ शुरू होकर हमें ऊंचाइयों तक ले जाती है: पवन सैनी

पूर्व विद्यार्थक ने राजकीय आई.टी.आई. भारांपुर के तृतीय कोशल दीक्षात समारोह में बतौर मुख्यातिथि की शिरकाय



भारांपुर, 26 अक्टूबर (अ.प्र.)। राजकीय आई.टी.आई. भारांपुर में तृतीय कोशल दीक्षात समारोह का आयोजन किया गया। इस समारोह में पूर्व विद्यार्थक डॉ. पवन सैनी ने बतौर मुख्यातिथि, अखिल अक्टूबर 2024 के अतिथि के रूप में भाग लिया। डॉ. पवन सैनी ने अपने संबोधन में कहा कि विद्यार्थी जीवन एक ऐसी यात्रा है, जो अस्थाई कदमों के साथ शुरू होकर हमें ऊंचाइयों तक ले जाती है। उन्होंने कहा कि विद्यार्थी जीवन एक ऐसी यात्रा है, जो अस्थाई कदमों के साथ शुरू होकर हमें ऊंचाइयों तक ले जाती है।

केसरी

बुधवार THURSDAY 30 जनवरी 2025

कड़सन स्कूल के छात्रों ने किया आई.टी.आई. भारांपुर का भ्रमण

युवा मनो को सशक्त और कुशल भविष्य के लिए आकार देने की प्रेरणादायक यात्रा

राजकीय आई.टी.आई. भारांपुर अक्सर का प्रकाश स्तम्भ है, जो युवा मनो को उज्ज्वल और समृद्ध भविष्य का निर्माण करने के लिए शक्ति बनाता है: विनोद शेखावत

भारांपुर, 29 जनवरी (रा.प्र.)। सरकारी कड़सन स्कूल के छात्रों ने राजकीय आई.टी.आई. भारांपुर का भ्रमण किया। इस यात्रा के दौरान छात्रों को विद्यार्थी जीवन के महत्व और भविष्य के निर्माण के लिए आवश्यक कौशल के बारे में बताया गया।

Govt ITI Bharanpur commemorates Constitution Day with tribute to India's democratic heritage



PRITI SAINI SADHAURA: Shahzadpur In a rousing celebration of India's democratic legacy, Government ITI Bharanpur, in partnership with Nehru Yuva Kendra, Ambala, marked Constitution Day with a stirring homage to the ideals enshrined in the nation's founding document. Known as Samvidhan Divas, this annual observance on November 26 commemorates the adoption of the Indian Constitution in 1949 and honors its chief architect, Dr. B.R. Ambedkar. The event, led by Institute In-charge Vinod Singh Shekhawat, featured a distinguished lineup of guests, including Rakesh Mehta, a renowned Advocate, Motivational Speaker, Air Veteran, and Social Activist, who served as the Chief Guest, and Sweety, a representative of Nehru Yuva Kendra. In a powerful inaugural address, Shekhawat described the Constitution as the "soul of the nation," inspiring students to embrace its core principles. "The Constitution is not just a document—it is our moral compass, a guardian of our rights, and a call to our duties. It urges us to uphold equality, liberty, and justice—the pillars of our democracy," he declared passionately.

शैक्षणिक ज्ञान से व्यावहारिक कौशल तक की कड़ी

राजकीय शास्त्र के पीजीटी विद्यार्थी कुमार पी.टी.आई.आई.टी.आई. भारांपुर में 2 दिवसीय 'कौशल-कुशल' प्रतियोगिता में प्रथम, द्वितीय व तृतीय स्थान प्राप्त करने वाले विद्यार्थियों को प्रशिक्षण प्रदान किया गया।

अनुसूचित जाति के प्रतियोगिताओं में प्रथम स्थान प्राप्त करने वाले विद्यार्थियों को प्रशिक्षण प्रदान किया गया।

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यंजाण केसरी

23-04-2024

आई.टी.आई. भारांपुर में खेल-कूद प्रतियोगिता में विजेता प्रशिक्षणार्थियों को किया गया सम्मानित



भारांपुर, 22 अप्रैल (के.प्र.)। राजकीय आई.टी.आई. भारांपुर में 2 दिवसीय 'कौशल-कुशल' प्रतियोगिता में प्रथम, द्वितीय व तृतीय स्थान प्राप्त करने वाले विद्यार्थियों को प्रशिक्षण प्रदान किया गया।



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