NICVT
TECHNICAL INSTITUTE
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About **NICVT**
TECHNICAL INSTITUTE

Nalanda Institute for Computer and Vocational Training NICVT is an ISO 9001-2008 company established in in the year 2001, the organization is registered under the companies act. 1956 with the aims of imparting vocational and technical skills to the society and especially for the upliftment of the weaker section of the society through employment and skill development. 23 years old NICVT has established to its root in the area of computer education, Vocational Training, Skill Development and Management spread across the whole M.P. and various district in India.

NICVT TECHNICAL INSTITUTE is the well known division of NICVT.............So......

Welcome to Nicvt Technical Institute, Where we have the way for future innovators and tech enthusiasts. As a leading institution in technical education, we specialize in providing dynamic trainings programs tailored for school and college students.

Our comprehensive courses cover a spectrum of programming language including C, C++, Python, Java, Data Science, Web Development as well as cutting edge technologies like Artificial Intelligence (AI), Machine Learning (ML), Deep Learning (DL), Robotics, Drone technology, Internet of Things (IoT), Artificial Intelligence of Things (AIoT), Arduino, Raspberry Pi, Embedded System and many more.

At NICVT, We believe in the transformative power of education. Our expert Instructors, equipped with industry insights , guide students through hands-on learning experiences in state-of-the-art labs. We not only impart technical skills but also foster creativity , critical thinking and problem solving abilities .

Join us at NICVT TECHNICAL INSTITUTE to embark on a journey of exploration, learning and skill development . We are dedicated to shaping the next generation of tech-leaders, preparing students for success in the dynamic would of technology . Welcome to the place where education meets innovation and aspirations turn into achievements . Your tech journey begins here ....

C & C++
The C language is a high-level, general-purpose programming language. It provides a straightforward, consistent, powerful interface for programming systems. The C language is widely used for developing system software, application software and embedded systems. C++ is an extension of C programming with object-oriented programming (OOP) support.

Python
Python is a high-level, general-purpose programming language. Its design philosophy emphasizes code readability with the use of significant indentation. Python is dynamically typed and garbage-collected. It supports multiple programming paradigms, including structured, object-oriented and functional programming.

Java
Java : Java is a widely-used programming language for coding web applications. Java is a multi-platform, object-oriented, and network-centric language that can be used as a platform in itself. Java is used for building mobile, web-based games and its platform-independence is beneficial for multi-platform releases. Used for creating various financial software.

Full Stack Web Development
Full stack development is the process of designing, creating, testing, and deploying a complete web application from start to finish. It involves working with various technologies and tools, including front-end web development, back-end web development and database development.

AI
Artificial intelligence is the science of making machines that can think like humans. It can do things that are considered "smart." AI technology can process large amounts of data in ways, unlike humans. The goal for AI is to be able to do things such as recognize patterns, make decisions, and judge like humans.

ML
Machine learning is in artificial intelligence concerned with the development and study of statistical algorithms that can learn from data and generalize to unseen data and thus perform tasks without explicit instructions. Simply put, machine learning allows the user to feed a computer algorithm an immense amount of data and have the computer analyze and make data-driven recommendations and decisions based on only the input data.

DL
Deep learning is a method in artificial intelligence (AI) that teaches computers to process data in a way that is inspired by the human brain. Deep learning models can recognize complex patterns in pictures, text, sounds, and other data to produce accurate insights and predictions.

Arduino
Arduino is an open-source electronics platform based on easy-to-use hardware and software. Arduino boards are able to read inputs - light on a sensor, a finger on a button, or a Twitter message - and turn it into an output - activating a motor, turning on an LED, publishing something online.
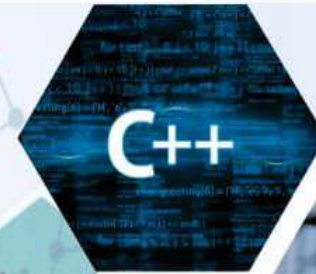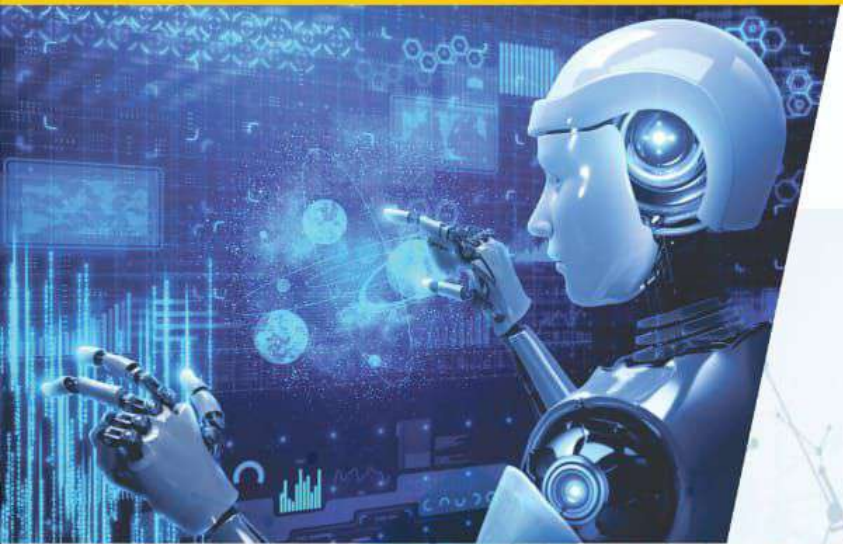
Raspberry Pi
The Raspberry Pi is a very cheap computer that runs Linux, but it also provides a set of GPIO (general purpose input/output) pins, allowing you to control electronic components for physical computing and explore the IoT.

Embedded System
An embedded system is a system in which the computer (generally a micro controller or microprocessor) is included as an integral part of the system. Often, the computer is relatively invisible to the user, without obvious applications, files, or operating systems. Embedded systems are commonly found in consumer, industrial, automotive, home appliances, medical, telecommunication, commercial, aerospace and military applications.

IoT / AIoT
Internet of things (IoT) enables machines to complete tedious tasks without human intervention. Companies can automate processes, reduce labor costs, cut down on waste and improve service delivery. IoT helps make it less expensive to manufacture and deliver goods, and offers transparency into customer transactions. The Artificial Intelligence of Things (AIoT) is the combination of AI technologies with the Internet of things infrastructure to achieve more efficient IoT operations, improve human-machine interactions and enhance data management and analytics.

Drone
Drones are small or medium-sized unmanned aerial vehicles (UAVs). They're unique in that they can drive remotely and autonomously, and they're capable of maintaining a controlled, sustained level of flight. The drone system combines robotics with aeronautics. They look like helicopters or reconnaissance aircraft and, without a doubt, one of their strengths is the many different applications for which they can be used.

Robotics
Robotics is a branch of engineering and computer science that involves the conception, design, manufacture and operation of robots. The objective of the robotics field is to create intelligent machines that can assist humans in a variety of ways. Robotics can take on a number of forms.

C++

JAVA

A TRAINING HUB FOR
AI, ML, DL, DRONE,
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