



LAKSHYA INSTITUTE OF TECHNOLOGY (LIT)

Affiliated To Utkal University



**PAY ONE TIME
LEARN LIFE TIME**



Susant K Rout's
Center of Excellence

“Our mission at LIT is that every student of ours become a success story”



Prof. Susant K Rout
CHAIRMAN, LIT

FROM FOUNDER'S DESK...



As the founder of LIT, my sincere aspiration has been to enhance the skill set of undergraduate students, preparing for IT jobs. Towards ensuring employability in top-tier MNCs, we have more than two decades of experience in imparting training to over two lakh engineering and technical students. I have witnessed effectiveness of targeted training in subjects like C, C++, Java, Python, AI/ML, and other contemporary technologies. This focused approach ensures comprehensive skill development and guarantees placements for our students.

OBJECTIVE

Lakshya Institute of Technology (LIT), Bhubaneswar is created with an aim to impart quality IT trainings both through formal and informal education system to create cutting edge quality human resources suitable for IT industries.



VISION

Our Vision is to maintain academic excellence towards achieving the pinnacle of glory as the top IT manpower provider in the country.



MISSION

Our Mission is to constantly endeavour to establish LIT as a centre of excellence in IT education landscape.



FACULTY

Teachers play a crucial role in the field of computer science education, contributing significantly to the learning and development of students. Teachers in LIT play a multifaceted role, encompassing knowledge transfer, skill development, mentorship, and the cultivation of a positive and collaborative learning environment. Their influence extends beyond the classroom, shaping the future professionals and leaders in the field of computer science.

STAFF



Non-teaching staff in the field of computer science play a vital role in supporting the overall functioning and efficiency of educational institutions, contributing to a conducive learning environment. Nonteaching staff in LIT contribute significantly to the efficient functioning of educational institutions, providing essential support services that enable effective teaching and learning. Their roles encompass administrative, technical, logistical, and student support functions, collectively contributing to the success of the computer science department.

GRADUATE COURSE OFFERED & BENEFITS

BCA

BCA is among the most popular graduation courses that students take after completing their school. In today's day and age, getting a BCA degree is compulsory but it is not enough. It is not easy to find high paying jobs for BCA graduates if one has not chosen the right courses after BCA. One has to take up post-graduation or professional certificate to have a well-established career after BCA degree.



BSc (Computer Science)

This degree can lead to careers as a computer scientist, information systems manager, or networking specialist, with tasks such as expanding the organization's technological roadmap, assuring productive management of available computer facilities, regulating the steady operation of local and wide area networking, executing cyber security systems, retaining software and hardware.

Bsc (ITM)

In India, the B.Sc. in ITM, or Bachelor of Science in Information Technology and Management, is one of the most popular career paths for students interested in technical fields. In the professional field, it offers a diverse range of options. Professionals with a BSc ITM degree usually deal with storing, processing, safeguarding, and managing data. The main focus is on information technology ideas, processes, and tools to serve a variety of business operations.

Bsc (Data Science)

Completing a degree in this field equips you with the skills and knowledge necessary to secure high-paying and fulfilling job opportunities. You can opt for different roles such as data mining engineer, machine learning engineer, data architect, data scientist, business intelligence analyst, and many more.



TEACHING @ LIT

1. Everyday programming projects are given to pupils by the Chairman himself in order to help them improve their writing and typing skills.
2. Pre-placement training begins in the very first year and continues until the campus drive for the campus interview.
3. Distinguished educational record at Utkal University, with University topper for the second year in a row in every year.
4. Assurance of 100% placement support.
5. Specific skill development classes taught by industry professionals.
6. As all lessons are digitized, including the use of an LED projector and a digital board, students attend live classes with a laptop in hand.
7. Internal examination, assessment test, VST, and semester examinations are all part of a rigorous academic calendar.
8. Class attendance is made mandatory.
9. Organizing significant activities such as orientation, fresher's party, annual function, C-Marathon, farewell party, and alumni meet etc.
10. Participating in extracurricular activities with students on special events such as Diwali, Holi, X-Mas Day, New Year's Eve, Ganesh Puja, Saraswati Puja, Republic Day, Independence Day, and so on.
11. We have our own online attendance and examination portal, which is used for ensuring attendance and conducting online examinations.

TRAINING COURSE OFFERED



C language learning enables us to develop foundation for programming skills, understand low-level operations including knowledge of programming, embedded systems, coding and software development. ([Syllabus - www.litindia.ac.in](http://www.litindia.ac.in))



C++ knowledge offers high-performance programming skills applicable in game development, system programming, and embedded systems. Its efficiency, versatility, and influence on modern languages make it valuable in various domains. ([Syllabus - www.litindia.ac.in](http://www.litindia.ac.in))



Java is a versatile, widely used portable language. It empowers one for web applications, Android apps, and strengthening foundation in programming skills for jobs in IT industries. ([Syllabus - www.litindia.ac.in](http://www.litindia.ac.in))



Python is a beginner-friendly, versatile, and widely used in data science, artificial intelligence, web development, and automation. Its simplicity, readability, and extensive libraries make it a valuable skill in various domains. ([Syllabus - www.litindia.ac.in](http://www.litindia.ac.in))



Android learning with Java or Kotlin, enables creating powerful mobile apps. It provides excellent career opportunities in IT sector including mobile app development ecosystem. ([Syllabus - www.litindia.ac.in](http://www.litindia.ac.in))



Data structures is the tool for efficient problem-solving in programming. It helps in strengthening algorithmic skills, coding and allows foundation for optimized software solutions. ([Syllabus - www.litindia.ac.in](http://www.litindia.ac.in))



PHP programming knowledge facilitates web development, enabling dynamic and interactive websites. Having a vast user base and server-side capabilities, PHP skills enhances opportunities in web development and software development companies. ([Syllabus - www.litindia.ac.in](http://www.litindia.ac.in))



Spoken English improves communication skills, fostering effective communication in professional and social settings. Spoken English skill enhances job prospects, promotes cultural understanding, and facilitates interpersonal communication. ([Syllabus - www.litindia.ac.in](http://www.litindia.ac.in))

Front-end developer skill is utilized in creating visually appealing websites. Skills and expertise in HTML, CSS, and JavaScript is essential for crafting user interfaces improving user experience, and increasing IT career prospects. (**Syllabus** - www.litindia.ac.in)



AI and ML learning enables insights into creating intelligent systems, automating tasks, and making data-driven decisions. Expertise in these technologies is vital for advancements in various IT industries. (**Syllabus** - www.litindia.ac.in)



Advanced Java enhances proficiency in enterprise-level development, focusing on frameworks like Spring and Hibernate. It enables developers to build scalable, robust, and secure applications for complex business requirements. (**Syllabus** - www.litindia.ac.in)



CCNA (Cisco Certified Network Associate) study inculcates networking skills, essential for designing, implementing, and troubleshooting networks. It gives opportunity for networking roles, enhances career prospects, and supports efficient network management. (**Syllabus** - www.litindia.ac.in)



AutoCAD develops expertise in computer-aided design, needed for architects and engineers. It helps drafting, 3D modeling, and efficient design processes, enhancing productivity and employability in various industries. (**Syllabus** - www.litindia.ac.in)



MATLAB enhances problem-solving skills through its powerful numerical computing capabilities, aiding in data analysis, algorithm development, and visualization. Its versatility finds applications across engineering, science, finance, and more, making it a valuable skill for students and professionals seeking to excel in various fields. (**Syllabus** - www.litindia.ac.in)



PGDCA (Post Graduate Diploma in Computer Applications) equips individuals with advanced skills in computer applications, programming languages, database management, and software development. It enhances career prospects in the rapidly evolving IT industry, fostering expertise in areas such as system analysis, web development, and project management, ensuring professional growth. (**Syllabus** - www.litindia.ac.in)



DOTNET is a software framework developed by Microsoft that primarily runs on Microsoft Windows. It provides a comprehensive programming model for building various types of applications, including desktop, web, mobile, and cloud-based applications. (**Syllabus** - www.litindia.ac.in)



Catia is a multi-platform software suite for computer-aided design (CAD), computer-aided manufacturing (CAM), computer-aided engineering (CAE), and product lifecycle management (PLM), developed by the French company Dassault Systèmes. (**Syllabus** - www.litindia.ac.in)



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LEARN LIFE TIME**



Teaching at LIT

We at LIT adopt full proof result oriented pedagogy. Teaching software courses effectively. We meticulously undertake the following methodology.

Hands-on Practice: Encourage students to learn by doing. Provide them with opportunities to apply what they've learnt through practical exercises and projects. Hands-on practice helps reinforce concepts and builds confidence.

Step-by-Step Instructions: Break down complex tasks into smaller, manageable steps. Provide clear, concise instructions for each step, ensuring students follow it easily.

Visual Aids: Utilize visual aids such as diagrams, screenshots, and videos to supplement verbal instructions. Visual aids enhance understanding and make abstract concepts more easy to learn.

Interactive Learning: Incorporate interactive elements into our teaching, such as quizzes, discussions, and group activities. Interactive learning engages students actively, promotes collaborative learning, and fosters a deeper understanding of the subject matter.

Real-world Examples: Relate software concepts to real-world scenarios to demonstrate their practical relevance. Sharing case studies and examples helps students understand how software is used in various industries and contexts.

Feedback and Support: Provide timely feedback on students' progress to them and offer support when needed. Address any questions or challenges they encounter promptly, and encourage a supportive learning environment where students feel comfortable asking for help to teachers.

Encourage Exploration: Encourage students to explore the software independently outside of structured lessons. Provide resources such as tutorials, documentation, and online links where they can seek additional information and practice on their own.

Continuous Learning: Emphasize the importance of lifelong learning in software training. Encourage students to stay updated on new developments, technologies, and best practices in the field.

By incorporating these teaching methods, we create a dynamic and effective learning experience for students in software training.



**SUMMER
TRAINING**

**WINTER
TRAINING**



**DUSSEHRA PUJA
TRAINING PROGRAMME**

LIT provides job-oriented training programs in C, C++, Java, Python, AI/ML, and other contemporary technologies during SUMMER (May-June), WINTER (Nov-Dec), and DUSSEHRA PUJA (Oct) vacations, catering to undergraduate, engineering, and technical students. These courses are specially crafted to teach the fundamentals of IT languages, master syntax, develop programming algorithms, and enhance problem-solving techniques. Through hands-on projects and practical exercises, participants gain proficiency in software development, refining skills in real-world IT applications. This equips learners with the knowledge and confidence to excel in coding and programming roles in IT MNCs and diverse organizations.

Parala Maharaja Engineering College, Berhampur



Vignan Institute of Technology and Management Berhampur



IMIT CUTTACK



CIME Bhuneswar



NIT, Rourkela



BJB College



NIT, Rourkela



Centurion University



DAMITS, Rourkela



Hi-Tech Institute of Technology, Khurda





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