ADIYOGI

EDUVERSE PRIVATE LIMITED

BUILDING SKILLS, SHAPING FUTURES

Adiyogi Eduverse Private Limited is a trusted service provider dedicated to empowering university students with the skills, knowledge, and confidence they need to excel in their academic and professional journey.

We offer a comprehensive range of training and development programs, including:

- **Skill Developement & Enhancement Training**
  Ensuring students meet all university and industry requirements with well-structured and engaging sessions.
- **Placement Trainings**
  Preparing students to stand out in recruitment processes through aptitude development, interview skills, resume building, and personality enhancement.
- **Language Trainings**
  Enhancing communication skills through tailored courses in English and other languages, boosting academic performance and employability.
- **Industry-Collaborated Courses**
  Bridging the gap between academia and the corporate world with specialized programs designed in partnership with leading industry experts.

With an industry-aligned curriculum, experienced trainers, and a commitment to holistic growth, Adiyogi Eduverse Private Limited equips students not only to succeed in their studies but also to thrive in their careers.

SKILL DEVELOPMENT & ENHANCEMENT TRAINING

Academic Integrated Program with Industry Collaboration for B.Tech.

The Academic Integrated Program with Industry Collaboration is crafted to effectively combine academic learning with real-world industry experience. By involving industry professionals in the classroom and aligning the curriculum with the latest market demands, the program incorporates hands-on training, practical projects, and continuous assessments. This comprehensive approach ensures that students develop a solid theoretical foundation along with essential practical skills and professional abilities, making them well-prepared and industry-ready. Such integration not only boosts their employability but also equips them to confidently navigate the challenges of today's ever-evolving job market, significantly improving their prospects for career success.

Courses Offered:

- Logic Building Using C
- Industry Data Structures and Algorithms
- Python Essentials for Data Handling and Web Integration
- Programming Essentials Using C++
- Problem Solving Through Python
- Competitive Programming
- Data Structures and Algorithms with Python
- Quantitative Aptitude and Verbal Ability
- Problem Solving Through Java
- Logical Reasoning and Recruitment Essentials

Continuous Evaluation Assessment through CoCubes

In today's competitive job market, industry readiness is not a one-time event—it is a continuous process. The Continuous Evaluation Program (CEP) powered by CoCubes offers an ongoing, data-driven approach to assess and enhance students' skills, ensuring they are consistently aligned with industry standards.

Through regular online assessments combined with in-depth analytics, CoCubes evaluates a student's capabilities across technical knowledge, coding skills, aptitude, and domain-specific expertise. This process not only measures current performance but also pinpoints specific areas for improvement.

By creating a continuous feedback loop, CEP enables targeted, personalised training interventions, helping students strengthen their competencies step-by-step. This ensures they are better prepared for placements and can confidently meet recruiter expectations.

Key Advantages of CEP

1. **Scientifically Designed** – Industry readiness is measured throughout the student's higher education journey, not just at the end.
2. **Identifies Training Needs** – Offers timely, actionable feedback to both students and the institute for continuous improvement.
3. **Boosts Placement Conversions** – Enhances the effectiveness of training, thereby improving placement success rates.

How CEP Assessments Are Developed

Adiyogi Eduverse Private Limited has partnered with AON, a global leader in corporate assessment design, to create and deliver robust, scientifically validated student assessments. The process includes:

- **Role Competency Analysis** – Breaking down target job roles into key skill and knowledge areas.
- **Mapping & Instrument Design** – Linking competencies with the right testing tools and methods.
- **Role-Specific Assessment Creation** – Designing tailor-made evaluations for specific career paths.
- **Benchmarking** – Comparing performance against a diverse student sample for accurate scaling.
- **Validation & Reliability** – Deploying assessments with 98% correlation reliability, ensuring results are trustworthy and meaningful.

Assessment Areas Covered in CEP

Students undergo assessments across a wide range of employability parameters, including:

1. Numerical Ability – Quantitative aptitude and problem-solving skills.
2. Analytical/Logical Ability – Critical thinking and reasoning capabilities.
3. English Usage – Grammar, vocabulary, and verbal communication.
4. Technical Knowledge/Domain – Subject-specific technical expertise.
5. Coding Ability/Skill – Programming efficiency and logical coding practices.
6. Computer Fundamentals & Programming Knowledge – Core computing concepts and languages.
7. Employability Aptitude – Workplace readiness, decision-making, and adaptability.
8. Written English – Professional and structured written communication.

Outcome for Students

By participating in CEP, students don't just prepare for placements—they build a progressive skill growth journey. The program ensures that every student receives continuous insights, tailored guidance, and targeted upskilling, leading to higher confidence, improved performance, and stronger placement outcomes.

Continuous Evaluation Assessment through NEOPAT

At Adiyogi Eduverse Private Limited, we believe that assessment should be more than just periodic tests—it should be a continuous journey of learning, feedback, and improvement. Our NEOPAT-based Continuous Evaluation Assessment is designed to do exactly that.

NEOPAT (Next-Generation Online Proficiency Assessment Tool) is a robust, AI-enabled platform that evaluates students' technical knowledge, analytical thinking, and problem-solving skills in real time. Unlike traditional evaluations, NEOPAT adapts to each student's skill level, ensuring that every assessment is both challenging and relevant.

Through adaptive testing, students experience questions tailored to their proficiency, while personalized performance reports highlight strengths, pinpoint learning gaps, and suggest focused areas for improvement. This empowers learners to work at their own pace, take ownership of their progress, and steadily enhance their capabilities.

For trainers and faculty, NEOPAT offers deep insights into each student's learning curve, enabling targeted mentoring and customized training plans. By aligning skill development with industry expectations, the platform ensures students are well-prepared for competitive recruitment processes in top companies.

The result? Greater confidence, stronger competencies, and higher employability—because our students aren't just learning, they are continuously evolving to meet the demands of a fast-changing professional world.

Key Highlights:

- Real-time evaluation of technical, analytical, and problem-solving abilities
- Adaptive testing for a personalized learning experience
- Detailed, data-driven performance tracking
- Trainer dashboards for targeted skill enhancement
- Focus on industry-relevant competencies and competitive readiness

PLACEMENT TRAINING

The Campus Recruitment Training (CRT) program is crucial in preparing students to confidently tackle placement drives by combining technical aptitude development with the Communication Excellence & Soft Skills program. By enhancing verbal and non-verbal communication, teamwork, presentation skills, and professional etiquette alongside problem-solving and interview readiness, the program addresses the essential qualities employers seek. Through interactive workshops, mock interviews, and group discussions, CRT ensures that students become well-rounded and industry-ready, significantly increasing their chances of success in competitive recruitment processes and laying a strong foundation for their professional careers.

TopGun Training

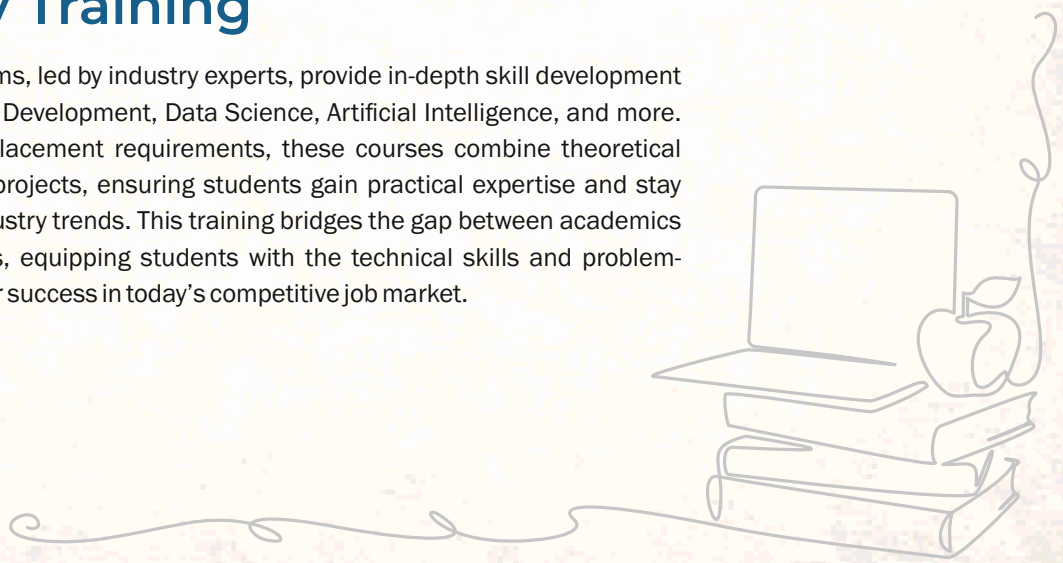
The TopGun Training Program is a specialized initiative to groom exceptional students for elite hiring with top-tier companies. It combines advanced technical training, problem-solving excellence, and rigorous interview preparation with industry-focused projects and assessments. Supported by expert mentorship, competitive challenges, and real-world application, the program enhances both technical proficiency and professional skills enabling its graduates to secure positions in global leaders such as Google, Amazon, and other prestigious organizations. This program offers personalized guidance and continuous performance feedback, ensuring students maximize their potential and stay updated with the latest industry trends and technologies.

Company Specific Training

Company Specific Training is a targeted program designed to prepare students for the unique requirements and expectations of individual recruiters before the hiring process begins. This training focuses on familiarizing candidates with the company's culture, technical skills, domain knowledge, and interview patterns. By tailoring preparation to the specific needs of each organization, the program enhances students' confidence and readiness, significantly increasing their chances of success in the recruitment process.

Technology Training

Technology Training programs, led by industry experts, provide in-depth skill development in areas such as Full Stack Development, Data Science, Artificial Intelligence, and more. Tailored to meet current placement requirements, these courses combine theoretical knowledge with hands-on projects, ensuring students gain practical expertise and stay updated with the latest industry trends. This training bridges the gap between academics and real-world applications, equipping students with the technical skills and problem-solving abilities essential for success in today's competitive job market.



LANGUAGE TRAINING

TEP Programme – Training for English Proficiency

The **Training for English Proficiency (TEP)** programme is an English language certification exam designed specifically for **Indian students and job-seekers.**

It helps **students, institutions, and employers** accurately assess the four fundamental skills of effective communication – **Reading, Writing, Listening, and Speaking.**

Using the **latest testing techniques** and **advanced technology**, TEP delivers a **practical, engaging, and reliable** evaluation of language proficiency.

Highlights of the Programme

- **Personalised Learning** – Tailored content based on each student's current proficiency.
- **Adaptive Learning** – Suitable for learners at all levels.
- **Comprehensive Training** – Detailed instructions, practice sessions, interactions, feedback, and assessments.
- **Cultural Relevance** – Adapted to the Indian context for better understanding and application.
- **Global Recognition** – TEP scores are benchmarked to international standards (CEFR scale).

How TEP Works

1. **Onboarding**

   All B.Tech students of MBU are registered on the TEP portal with their personal details by the department.

2. **Test Format**

   TEP evaluates skills through multiple sections:

   - **Reading** – Understanding and interpreting written passages.
   - **Writing** – Essays and prompt-based responses to assess writing proficiency.
   - **Listening** – Comprehension of conversations, lectures, and audio materials.
   - **Speaking** – Oral communication through interactive tasks or short speeches.

3. **Test Administration**

   Students take the assessment at the University using their own laptops. Clear instructions are provided by the test administrators.

4. **Screening Test**

   A **30-minute initial assessment** determines the student's current language level. Based on performance, customised course content is assigned.

5. **Lab Sessions**

   Students engage in learning activities, interact with mentors, and clarify doubts during dedicated lab sessions.

6. **TEP Train – Online Training**

   - **50-hour individualised training programme** for immersive language mastery.
   - Modules to strengthen **Listening, Speaking, Reading, and Writing.**
   - Personalised and adaptive learning approach.
   - Interactive exercises, feedback, and assessments for measurable progress.

7. **Final Test & Certification**

   A 70-minute adaptive online assessment evaluates the final proficiency level.

   - Scoring is based on predetermined criteria for each section.
   - Results provide both **section-wise performance** and an **overall proficiency score.**
   - Scores are benchmarked against **CEFR global standards** and **employer expectations.**

Why TEP Matters

With TEP, students gain internationally benchmarked communication skills, increasing their academic success, employability, and confidence in professional environments.

German Language Training

Adiyogi Eduverse Private Limited and the **RWTH Aachen University India Office** have entered into a strategic collaboration to create a **mutually beneficial relationship** focused on achieving shared academic and cultural objectives.

As part of this initiative, students will have the **exclusive opportunity** to learn **German as a Foreign Language** directly through RWTH Aachen's certified programme.

Course Highlights

- **Level A1** – Comprehensive introduction to the German language.
- **Practical & Engaging** – Focus on communication skills, vocabulary, and cultural context.
- **Expert Instructors** – Delivered by RWTH Aachen's certified language faculty.
- **Exclusive to MBU** – Tailored for our students' academic and career aspirations.

Certification & Credit Points

- **German Language Certificate** awarded upon successful completion.
- **Graded Certification** – Performance-based grades reflecting linguistic proficiency.
- **Academic Advantage** – Grades can be converted into credit points as per MBU's rules and regulations.

Why Learn German?

- **Boost Employability** – German is one of the most sought-after languages in global industry and research.
- **Access Higher Education** – Opens pathways to study, internships, and research opportunities in Germany.
- **Cultural Enrichment** – Experience the language, culture, and traditions of Europe's largest economy.

Industry-Collaborated Courses

B.Tech Civil Engineering

(Building Construction & Structural Design in Academic Collaboration with L&T)

The B.Tech Civil Engineering with specialistion in Building Construction & Structural Design is an industry-aligned four-year program that blends traditional civil engineering principles with modern construction practices. Designed to meet the demands of contemporary infrastructure development, this course provides in-depth training in steel building design and end-to-end execution of multi-storeyed structures. From conceptualization to project completion, students will learn every aspect of building design, including geotechnical investigations, vertical and lateral load computation, structural modeling, and integration of advanced systems like Building Information Modelling (BIM). Offered by Mohan Babu University in collaboration with Larsen & Toubro (L&T), the program ensures students graduate with the technical expertise and practical skills to lead in the rapidly evolving construction industry.

Program Highlights

- Industry-Backed Curriculum: Developed in collaboration with L&T, ensuring real-world relevance and exposure to industry standards.
- End-to-End Building Design: Learn the complete process of designing commercial buildings using STAAD.Pro and other advanced tools.
- Holistic Coverage: From geotechnical investigation to facade integration, gain expertise in every aspect of structural design.
- Practical Learning: Hands-on training in structural modeling, load assessment, and project execution.
- Emerging Technologies: Dive into Building Information Modelling (BIM) and its applications in modern construction projects.

B.Tech in Electrical and Electronics Engineering

(Advanced Specialization in Electric Vehicles in Academic Collaboration with L&T)

The B.Tech in Electrical and Electronics Engineering with Advanced Specialization in Electric Vehicle (EV) Technology is an advanced four-year undergraduate program meticulously designed to meet the demands of the rapidly evolving electric vehicle industry. This program offers a blend of strong fundamentals in electrical and electronics engineering with specialized knowledge in EV technology, preparing students to excel in one of the most transformative fields of the 21st century. Offered by Adiyogi Eduverse Private Limited in collaboration with Larsen & Toubro (L&T), a leader in engineering and technology, the course focuses on developing expertise in areas such as EV power systems, electronics, energy management, and charging infrastructure. With this program, students are empowered to shape the future of transportation and energy solutions while contributing to the global push towards sustainability.

Program Highlights

- Industry Collaboration: Program developed with L&T, aligning with current industry needs and emerging technologies.
- Innovative Curriculum: Comprehensive study of EV power electronics, motor drives, charging systems, and energy storage solutions.
- Hands-On Experience: Exposure to real-world tools like MATLAB/Simulink, PSCAD, and ANSYS for design and simulation.
- Sustainable Focus: Strong emphasis on renewable energy integration and sustainable transportation practices.
- Career Readiness: Training in EV-specific software and technologies to prepare graduates for a global industry.

B.Tech Mechanical Engineering

(Digital Manufacturing using AI & CPS) in Academic Collaboration with L&T

Adiyogi Eduverse Private Limited in collaboration with L&T Edutech, offers a pioneering Industry-Integrated Program that equips students with the advanced skills and expertise required to excel in the dynamic field of digital manufacturing. This program is uniquely designed to integrate cutting-edge technologies, including Artificial Intelligence (AI) and Cyber-Physical Systems (CPS), to prepare graduates as leaders in the Fourth Industrial Revolution (Industry 4.0). By combining strong theoretical foundations with hands-on practical applications, the program aims to revolutionize traditional manufacturing processes and propel students into the forefront of technological innovation.

The curriculum is meticulously crafted to provide an immersive experience in predictive maintenance strategies, intelligent automation techniques, smart manufacturing principles, and advanced data analytics. Students will explore the transformative potential of AI and CPS in enhancing production efficiency, reducing downtime, and achieving sustainable manufacturing goals. The program places a strong emphasis on real-world applications, enabling participants to bridge the gap between academic knowledge and industry practices.

Graduates of this transformative program will be exceptionally prepared to navigate and lead digital transformation initiatives across various industries. They will possess the skills to drive innovation, improve operational efficiency, and ensure competitiveness in the rapidly evolving manufacturing sector. The industry-integrated approach offers students invaluable hands-on experience and practical insights through direct collaboration with L&T Edutech, making them highly sought-after by top employers in the field of digital manufacturing.

Program Highlights

- **Industry-Relevant Curriculum:** Comprehensive syllabus developed by L&T EduTech experts, covering core, emerging, and specialized courses to meet industry needs.
- **Hands-On Learning:** Access advanced labs and tools for Digital Manufacturing, AI, CPS tools, simulation, and fabrication for practical, industry-oriented skills.
- **Expert Faculty:** Learn from seasoned educators and L&T subject matter experts, ensuring high-quality teaching and mentorship.
- **World-Class Learning Content:** Cutting-edge technology training curated by L&T EduTech to equip students with applied industry-specific skills.
- **Real-World Problem Solving:** Exposure to real-life challenges in the Digital Manufacturing domain to develop practical problem-solving abilities.
- **Internship Opportunities:** Intern at top mechanical companies, gaining valuable industry exposure and hands-on experience.
- **Industry Visits:** Visit L&T project sites and offices across India to learn from technocrats and observe real-world working environments.
- **On-Job Training/Deployment:** Practical training opportunities to gain insights into professional scenarios and boost employability.
- **Enhanced Employability:** Utilize the L&T Skill Exchange Platform to improve career readiness and job prospects.

B.Tech EIE, ECE, EEE

(Embedded Systems) with Job Assistance

Adiyogi Eduverse Private Limited presents a transformative, industry-driven Embedded Systems program tailored for students from Electronics and Instrumentation Engineering (EIE), Electronics and Communication Engineering (ECE), and Electrical and Electronics Engineering (EEE). This program is your gateway to mastering cutting-edge technologies such as Embedded Systems, Automotive Electronics, IoT, VLSI Design, Data Science, and more. Designed with a comprehensive curriculum and hands-on learning approach, the course ensures you gain the skills, knowledge, and confidence needed to excel in a highly competitive job market. From world-class facilities and expert mentorship to placement assistance, we empower you to transform into a proficient professional who stands out in the ever-evolving field of embedded systems.

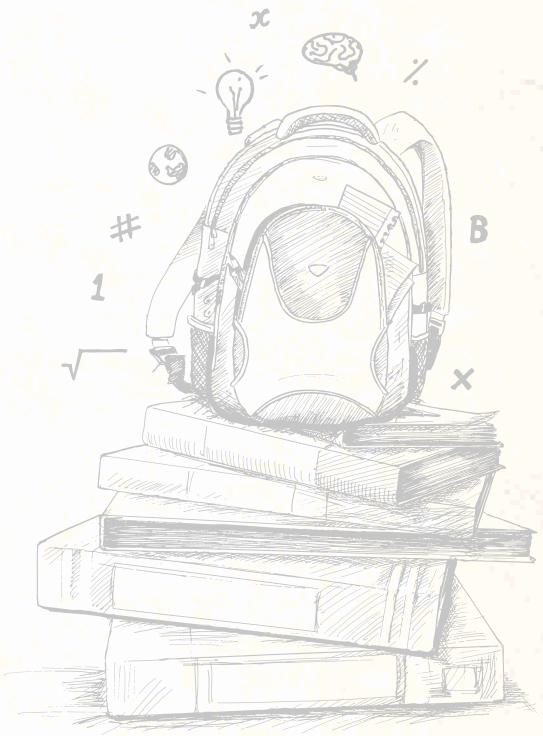
Program Highlights

- **Comprehensive Curriculum:** Learn core technical skills in Embedded Systems, VLSI Design, IoT, and more, along with practical training to ensure you are industry-ready.
- **Industry Exposure:** Partnerships with top companies provide guest lectures, workshops, and networking opportunities.
- **Cutting-Edge Tools:** Experience real-world environments with tools and platforms widely used in the industry.

What You'll Learn

Generic Modules

- Programming in C (MISRA C Standards)
- Data Structures and Algorithms
- Object-Oriented Programming with C++
- Linux System Programming and Socket Fundamentals



Embedded Specialization

- ARM7 & Cortex M3 Programming
- Embedded C with STM32F446 (Cortex M3 MCU)
- RTOS Hands-On with FreeRTOS by Amazon
- Linux Device Drivers & Porting (BeagleBone Black)

Automotive Specialization

- Communication Protocols: UART, SPI, I2C
- AUTOSAR Design with CAN and LIN Protocols
- Model-Based Design using MATLAB & Simulink

Projects

- Embedded Systems Projects: Integrate peripherals (ADC, Timers, GPIOs) with communication protocols like UART and SPI.
- Automotive Projects: Design CAN-based systems with ECUs like temperature monitoring, seatbelt alarms, or fuel sensors.
- RTOS Projects: Build solutions using tasks, semaphores, queues, and ISR mechanisms.

B. Tech.
CSE Specialisation in AI/ML, Data Science and Cyber Security

in Academic Collaboration with IBM Innovation Centre for Education

IBM Innovation Centre for Education (IBM ICE) is a unique global initiative by IBM. The course offers much-needed applied Information Technology Knowledge to the graduating students. The knowledge is provided in various futuristic technology arenas. The IBM ICE's cutting-edge programs are offered in collaboration with MBU. In the process, first, IBM acts as the Knowledge Partner for Emerging Technologies. On the other hand, secondly, MBU serves as the Academic Partner.

IBM ICE Programs on Emerging Technologies are incredibly intense and delivered through a highly interactive model in conjunction with IBM's online delivery platform and Industry-Academia Collaboration. This novel approach ensures deep knowledge is provided to students through broad-based industry alignment and interactions. This leads to talent discoverability and excellence in students' professional makeup. Thus, students become 'industry-ready' skilled graduates at an early stage.

Even as technology changes to keep up with the needs of a changing world, Computer Science programs are often out-of-date and, in some cases, obsolete. Students thus need significant training after employment before being deployed and contributing to the employer's business. IBM ICE provides cutting-edge technological knowledge and Industry-specific training with a state-of-the-art delivery model. Also, the students are provided with the requisite knowledge and skills to thrive in a constantly changing technological landscape, bringing immediate value to the employer.

Unique Pedagogy

- Instructor-Led Classroom Training
- Mentors Guidance
- Interactive Sessions with Subject Experts
- Industry Professional's Guest Lectures
- Project Based
- Vast Exposure to Quality Management Systems & Practices
- Industry's Technological Update
- Globally Recognised Digital Badge

Globally Recognisable Badge

IBM is a global leader in technology. IBM 'Graduate' badges are evidence of the rigorous 4-year training that IBM ICE students have undergone, enabling them to master the theoretical aspects of an emerging technology domain while being demonstrably confident with hands-on application concepts. The badges are awarded upon successful completion of 7 subjects and a project.

- Unique Digital Credential Provided by IBM After Completion of ICE Program.
- The Digital Badges are Recognised by Employers Worldwide
- The Digital Badge can be Directly Accessed via a Link in the Students' E-mail Profile, Softcopy Resume or on Social Media Presence
- Prospective Employers can Validate the Credentials Directly Online from the IBM Badge Sections.

B.Tech. Computer Science Engineering

With Specialisation in SAP

Enhance Your Professional Prospects With B.Tech CSE in SAP

Gain Certification in SAP-ABAP & Be an Industry-Proficient

Systems, Applications and Products in Data Processing (SAP) Advanced Business Application Programming (ABAP) Certification is among the most popular globally recognized technology certifications. The students could validate SAP skills in the global market by earning SAP Certification. The SAP Certification is applicable even after professional migration to any part of the globe. Companies always prefer to work with knowledgeable and skilled employees. It's about more than just doing the job but doing the right job. Hence, for SAP projects, the customers choose the certified and qualified SAP consultants to manage.

SAP Certification helps companies demonstrate their skills in the latest SAP technologies and earn the trust of their customers. SAP Certifications are globally recognized and standardized. They provide validation that the certified individual has the proficiency and expertise in the SAP solution. This makes it very easy for organizations to manage the SAP skills of their worldwide employees.

SAP in India

- SAP India is the Fastest Growing Subsidiary of SAP SE
- SAP is the World's Leading Provider of Business Software Solutions
- SAP India Began Operations in 1996, Headquartered in Bangalore
- SAP India's Major Offices Are in Mumbai, New Delhi and Kolkata
- SAP consists of Marketing Associates in Sri Lanka and Bangladesh

Increasing SAP Utilisation & Application

- Over 14,000 Employees Work Directly For SAP
- Over 10,000+ Companies Have Successfully Deployed SAP ERP in India
- 2500+ Small and Medium Business Base SAP
- 11 out of 14 Navratna Companies Rely on SAP
- 24 out of 30 companies in Sensex are led by SAP
- 37 out of 50 companies in Nifty Trust SAP
- 36 out of 50 in ET 500 Focus on SAP Solutions
- 21 of the Top 25 Brands in India Chose SAP
- 18 of the 20 Companies Listed in the BCG Global Challengers List Turned to SAP
- 25 out of the 40 Large Indian Companies Named by Forbes Run SAP
- 7 out of the 13 Indian Firms Named by Business Week in 'Asia's Hot Growth Companies' List Use SAP

As more and more companies are implementing SAP, the demand for consultants is very high. The demand is for more than just Functional or Technical Consultants but also for fresh graduates. MBU graduates benefit from SAP in this dimension.

Course Discourse

- Understand the SAP NetWeaver AS Fundamentals
- Work with the ABAP Workbench Tools
- Write ABAP Programs
- Understand the ABAP Dictionary
- Understand ABAP Language Foundation and Evolution
- Describe Statements, Functions, and Expressions for Simple Data
- Understand Open SQL
- Understand Database Update Techniques in the SAP NetWeaver Application Server ABAP Environment
- Develop ABAP Programs Using the SAP List Viewer (ALV)
- Write Object-Oriented Programs with ABAP
- Understand the Techniques in Enhancements and Modifications
- Create simple Web Dynpro for ABAP Applications

B.TECH – ECE with specialization in Embedded Systems/IoT & VLSI in academic collaboration with Nanochip Solutions

The **B.Tech – ECE** with specialization in **Embedded Systems/IoT & VLSI** at Mohan Babu University, offered in academic collaboration with Nanochip Solutions, is a transformative program designed to produce industry-ready engineers. This program blends cutting-edge theoretical knowledge with hands-on practical skills, ensuring a comprehensive learning experience in the field of electronics and communication.

Through its collaboration with **Nanochip Solutions**, the program provides exposure to industry practices, state-of-the-art technologies, and real-world challenges. Students benefit from hands-on training, industry projects, and expert insights that prepare them for the rapidly evolving technological landscape.

Specializations in **Embedded Systems, Internet of Things (IoT),** and **VLSI** enable students to develop expertise in transformative technologies that are shaping the future. The program fosters innovation, problem-solving, and a strong foundation in critical domains, making graduates highly sought after in both academia and industry.

Program Highlights

1. **Core Learning Modules**
    - Fundamentals of Electronics and Communication
    - Digital Signal Processing
    - Microprocessors and Microcontrollers
    - Analog & Digital Communication

2. **Specialization Tracks**

Embedded Systems

- Real-Time Operating Systems
- Embedded C Programming
- Design of Embedded Systems
- Applications in Robotics and Automotive Electronics

Internet of Things (IoT)

- IoT Architecture and Protocols
- Sensor Networks
- Cloud Integration and Edge Computing
- Smart Home and Industrial IoT Applications

VLSI Design

- Digital System Design
- ASIC and FPGA Implementation
- Low-Power VLSI Design
- Semiconductor Fabrication Techniques

Our Teaching Methodology

We follow a unique LAB (Learn-Apply-Build) pedagogy, emphasizing:

- Practical application of theoretical concepts through thoughtfully designed lab exercises.
- Confidence-building by solving real-world challenges.
- A 40:60 ratio of theory to practical learning for holistic education.

State-of-the-Art Facilities

- Advanced Electronics Labs with FPGA Boards and Development Kits
- IoT Innovation Hub for Prototyping Smart Solutions
- VLSI Design Center with Industry-Standard EDA Tools
- 24/7 High-Speed Internet Connectivity for Research

MBA with Specialization in Certified Investment Banking Operations Professional (CIBOP)

Our MBA (CIBOP) course, offered in collaboration with Imarticus, has been guiding finance professionals in shaping careers and turning dreams into reality. Focused on real-world scenarios and insights from industry experts, the refined curriculum of our investment banking course addresses intricacies in securities operations, wealth and asset management, financial markets, risk management, and AML. Imarticus offers more than just a certification; it delivers a transformative experience, propelling you toward greatness in the investment banking operations realm.

Curriculum

The investment banking operations course curriculum is crafted by industry experts, ensuring that students are not only well-versed in foundational principles but also equipped with distinguished skills, making them stand out in the competitive landscape of investment banking operations. This investment banking certification offers two specialised pathways:

- **Securities Operations**
- **Wealth & Asset Management Operations**

Based on industry demand, students are assigned the best-suited pathway.

Key Highlights of the Program

- **100% Job Assurance:** Learners drawn to the Certified Investment Banking Operations Professional program benefit from 7 guaranteed interview opportunities, job placement, and access to our extensive network of over 1,000 hiring partners.
- **Job-Relevant Skills:** In addition to acquiring fundamental skills, learners develop expertise in Securities or Wealth and Asset Management Operations, aligning with industry requirements.
- **Practical Training Approach:** Our professionals with less than three years of experience use hands-on training to present our extensive curriculum and guarantee an engaging learning environment with continuous assistance.
- **Unmatched Career Support:** Guided training supports your career aspirations and professional growth. Comprehensive placement support includes resume development and mock interviews to help you succeed.
- **Experiential Learning:** Interactive teaching methods enhance learning through real-world projects and in-depth case studies.

BBA with Specialization in Certified Investment Banking Operations Professional (CIBOP)

Our BBA (CIBOP) program, developed in partnership with Imarticus Learning, is tailored for those aspiring to excel in the financial sector. This program bridges the gap between academic learning and industry demands, offering an in-depth understanding of investment banking operations. The curriculum focuses on areas such as securities operations, wealth and asset management, financial markets, risk management, and anti-money laundering (AML).

With Imarticus Learning as our partner, you gain access to insights from industry leaders and a curriculum that is continuously refined to stay relevant. The CIBOP specialization is more than just a certification; it is your gateway to a career in the competitive world of investment banking operations.

Curriculum

The BBA with CIBOP specialization is meticulously designed to combine core management principles with specialized knowledge in investment banking operations. The program offers two specialized pathways:

- **Securities Operations**
- **Wealth & Asset Management Operations**

Students are guided toward the most suitable pathway based on industry demands and their career aspirations.

Key Highlights of the Program

- 100% Job Assurance: Benefit from 7 guaranteed interview opportunities, comprehensive placement support, and access to a network of over 1,000 hiring partners.
- Industry-Relevant Skills: Develop expertise in Securities or Wealth and Asset Management Operations, tailored to meet industry requirements.
- Practical Training: Engage in hands-on training with a curriculum delivered by professionals experienced in investment banking operations.
- Career Support: Receive extensive career support, including resume development, mock interviews, and guided training to achieve your professional goals.
- Experiential Learning: Participate in real-world projects, in-depth case studies, and interactive teaching methods to enhance your learning experience.

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