



**ZENGRAVITAS®**  
"Empowering Minds, Shaping Futures"



*"Your journey to success begins with Zengravitas."*

# OUR SERVICES



**Aptitude Training Program**



**Soft Skills Training for Corporate,  
Academic, and Industry Sectors**



**Research-oriented Programs and  
Research Support Services**



**Publication Assistance Services**



**University and College  
Event Management**



**Content Writing  
Assistance for Educational  
Institutions and Industry**



**Providing Video Lectures  
for ODL Courses**



**IELTS & TOEFL**



**B.voc Course  
Development and Implementation**



**Technical Training Courses Including  
Ndt (non-destructive Testing)**

# APTITUDE TRAINING PROGRAM

## Objective:

Enhance the cognitive and problem-solving skills of employees through a comprehensive aptitude training program, thereby improving their overall performance and efficiency in the workplace.

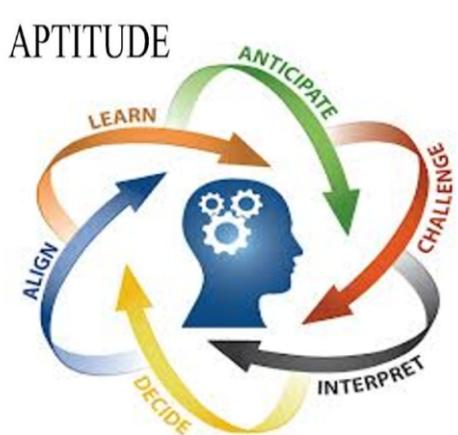
- ❖ Average
- ❖ Simple and Compound Interest
- ❖ Ratio and Proportion
- ❖ Profit and Loss
- ❖ Boats and Streams

## Company Overview:

ZENGRAVITAS specialises in providing high-quality training programs tailored to business needs. Our team of experienced trainers and educators is dedicated to empowering employees with the skills that they need to excel in their roles.

## Scope of Training:

The aptitude training program covers various aspects, including the following:



## 1. Quantitative Aptitude:

- ❖ Arithmetic
- ❖ Time and Work
- ❖ Time and Distance
- ❖ Data Interpretation
- ❖ Number Systems
- ❖ Permutation and Combination
- ❖ Probability



## Puzzles

- ◎ Syllogisms
- ◎ Analogies
- ◎ Series
- ◎ Critical Reasoning

## VERBAL ABILITY:

### Communication Skills

- ◎ Collaboration and Teamwork
- ◎ Group Discussion Techniques
- ◎ Presentation Strategies
- ◎ Interview Techniques



## TRAINING METHODOLOGY:

### 1. Pre-training Assessment

- ◎ Identify the current aptitude levels of students.
- ◎ Customise the training program based on the assessment results.

- ◎ Evaluation of improvement in aptitude levels.
- ◎ Provides detailed reports on the progress of each participant.

### 2. Interactive Workshops:

- ◎ Engage participants in problem-solving sessions.
- ◎ Use real-life scenarios to enhance understanding.

### Post-Training Assessment

#### Duration:

The program is designed to be flexible and tailored to fit the company's schedule. Typically, training can be conducted over a period of 5 days or 10 days.

### 3. Practice Sessions:

- ◎ Regular practice tests to monitor progress.
- ◎ Instant feedback and personalised guidance.

#### Resources Required:

1. Training materials (provided by ZENGRAVITAS).
2. Venue with necessary equipment (projector, whiteboard, and seating arrangements).

### 4. Group Activities:

- ◎ Encouraging teamwork and collaborative problem solving
- ◎ Enhances interpersonal skills and aptitude.

#### Expected Outcomes:

1. Improved problem-solving skills.
2. Enhanced logical and analytical thinking.
3. Better performance in job-related tasks requiring quantitative and verbal reasoning.
4. Increased confidence in tackling complex problems.

# SOFT SKILLS TRAINING FOR CORPORATE, ACADEMIC, AND INDUSTRY SECTORS

## Objective:

To deliver comprehensive soft skills training programs tailored to the needs of corporate, academic, and industry sectors. Our goal is to enhance the communication, leadership, teamwork, and interpersonal skills of participants, thereby improving their overall effectiveness and contributing to organizational success.



## Company Overview:

ZENGRAVITA specializes in providing professional development training, with a focus on soft skills that are essential for personal and professional growth. Our experienced trainers and customizable programs ensure that participants gain practical skills that can be immediately applied in their work environments.



## Scope of Services:

### 1. Training Areas:

#### Communication Skills:

- Verbal and non-verbal communication
- Active listening and feedback
- Presentation skills and public speaking
- Business writing and email etiquette

#### Leadership and Management:

- Leadership styles and qualities
- Team building and motivation
- Conflict resolution and negotiation
- Time management and prioritization

#### Interpersonal Skills:

- Emotional intelligence and empathy
- Building and maintaining relationships
- Cross-cultural communication and diversity awareness
- Customer service and client relations

#### Professional Etiquette:

- Workplace etiquette and

professionalism

Meeting and dining etiquette

Networking skills and personal branding

Ethics and integrity in the workplace

#### Critical Thinking and Problem Solving:

- Analytical thinking and decision-making
- Creative problem-solving techniques
- Adaptability and flexibility in challenging situations
- Innovation and change management

### 2. Training Formats:

- Workshops and Seminars: Interactive sessions focused on specific soft skills topics, incorporating role-playing, case studies, and group activities.
- Online Training Modules: Flexible e-learning courses that allow participants to learn at their own pace, with multimedia content and interactive exercises.
- One-on-One Coaching: Personalized coaching sessions for individuals

seeking targeted improvement in specific areas of soft skills.

- o **Blended Learning:** Combination of online and in-person training to provide a comprehensive learning experience.

### 3. Customization and Assessment:

- o **Needs Assessment:** Conducting a thorough needs assessment to understand the specific requirements and objectives of the organization or participants.
- o **Customized Programs:** Developing tailored training programs that address the unique challenges and goals of the organization or participants.
- o **Feedback and Evaluation:** Providing ongoing feedback during training sessions and conducting post-training evaluations to measure effectiveness and impact.

### 4. Support and Resources:

- o **Training Materials:** Provision of comprehensive training materials, including workbooks, handouts, and access to online resources.
- o **Continuous Learning:** Access to follow-up sessions, webinars, and additional resources to reinforce learning and support continuous improvement.
- o **Certificate of Completion:** Issuance of certificates to participants upon successful completion of the training program.

### Key Features:

- **Experienced Trainers:** Access to trainers with extensive experience in soft skills development and professional training.
- **Practical Application:** Emphasis on practical skills and real-world applications to ensure that

participants can apply what they learn immediately.

- **Flexible Delivery:** A range of training formats to suit different learning preferences and schedules.
- **Comprehensive Coverage:** Coverage of a wide range of soft skills, tailored to the specific needs of corporate, academic, and industry sectors.

### Benefits:

- **Enhanced Communication:** Improved clarity and effectiveness in both verbal and written communication.
- **Leadership Development:** Stronger leadership skills and the ability to motivate and manage teams effectively.
- **Improved Interpersonal Relations:** Better relationship-building skills and the ability to work collaboratively in diverse environments.
- **Increased Productivity:** Greater efficiency and effectiveness in managing time, solving problems, and making decisions.
- **Professional Growth:** Enhanced professional presence and the ability to navigate complex work environments with confidence.

# RESEARCH-ORIENTED PROGRAMS AND RESEARCH SUPPORT SERVICES



## Objective:

The aim of establishing comprehensive research-oriented programs and support services across all subjects was to foster a culture of enquiry, innovation, and academic excellence. Our goal was to provide students, faculty, and researchers with the necessary resources, guidance, and infrastructure to conduct impactful research across diverse disciplines.

## Company Overview:

ZENGRAVITAS specialises in providing educational consultancy and support services tailored to research and academic institutions. With a focus on promoting research culture and facilitating scholarly pursuits, our team included experienced researchers, educators, and subject matter experts committed to advancing knowledge and discovery.

## Scope of Services:

### 1. Research-oriented programmes

**Curriculum Enhancement:** Collaboration with academic institutions to integrate research-focused modules into existing academic programs across disciplines.

**Undergraduate Research Programs:** Design and implementation of undergraduate research initiatives to engage students early in research activities.

**Postgraduate Research Support:** Support for master's and doctoral students in developing research proposals, conducting literature reviews, and refining research methodologies.

### 2. Research Support Services:

**Research Help Desk:** Establishment of a dedicated research help desk to assist students and faculty with literature searches, citation management, and research methodology queries.

**Workshops and Training:** Conducting workshops and training sessions on research methodologies, academic writing, and publication ethics.

**Grant Proposal Writing:** Assistance in preparing and reviewing grant proposals for research funding opportunities.

**Data Management and Analysis:** Provision of tools and training for data collection, management, and statistical analysis.

### 3. Infrastructure and Facility Development

**Research Laboratories:** Design and setup of specialised research laboratories equipped with state-of-the-art equipment and facilities tailored to specific research needs (e.g. biology, chemistry, engineering).

**Library and Digital Resources:** Expansion of library resources with access to online databases, journals, and research archives.

**Collaborative Spaces:** Creation of collaborative spaces for interdisciplinary research projects and team-based initiatives.

#### 4. Faculty Development:

**Research Mentorship:** Matching faculty members with experienced mentors to support their research endeavours.

**Professional development:** Offers professional development opportunities for faculty members in research leadership, grant writing, and research dissemination.

**Recognition and Awards:** Instructors' awards and recognition programs to celebrate faculty research achievements and contributions.

#### 5. Research Dissemination and Impact

**Publication Support:** Providing guidance on manuscript preparation, journal selection, and navigation of the publication process.

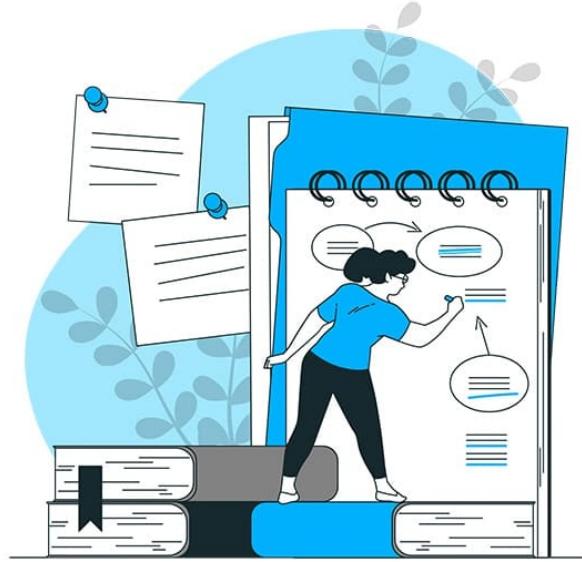
**Conference and Seminar Support:** Facilitating participation in conferences, seminars, and symposia to showcase research findings and networks with peers.

**Patent and Intellectual Property Support:** Assisting researchers in navigating intellectual property rights and patent filings for innovative discoveries.

#### Key Features:

**Comprehensive Support:** End-to-end support from research proposal development to publication and dissemination.

**Customised Solutions:** Tailored programs and services to meet the specific needs and objectives of academic institutions and research centres.



**Cutting-Edge Infrastructure:** Access to advanced research facilities and resources for conducting high-impact research.

**Capacity Building:** Training and mentorship programs to enhance research capabilities and scholarly output.

#### Benefits:

**Enhanced Research Culture:** Promotion of a vibrant research environment that encourages curiosity, exploration, and collaboration.

**Research Excellence:** Support for producing high-quality research outputs and contributions to academic and societal advancement.

**Student Engagement:** Engagement of students in meaningful research experiences that prepare them for careers in research and academia.

**Innovation and Impact:** Facilitation of innovative discoveries and solutions to address real-world challenges through research.

# PUBLICATION ASSISTANCE SERVICES



## Objective:

To provide comprehensive assistance and consultancy services for universities, colleges, and individual researchers in managing and publishing their academic work, including obtaining ISBN and ISSN numbers, organising conference proceedings, and facilitating publication in renowned databases and publishers such as Scopus, Web of Science, Springer, and Elsevier.

## Company Overview:

ZENGRAVITAS is a premier consultancy firm specialising in academic publication services. Our team of experts has extensive experience in guiding



institutions and researchers through a complex process of publication, ensuring high-quality output and

compliance with all necessary standards and requirements.

### 1. ISBN and ISSN Acquisition:

- ❖ Assistance in obtaining International Standard Book Numbers (ISBN) for books, monographs, and edited volumes.
- ❖ Guidance on acquiring International Standard Serial Numbers (ISSN) for journals and conference proceedings.

### 2. Conference Proceedings:

- ❖ Management of National and International Conference Proceedings.
- ❖ Coordination with conference organisers to compile and edit papers.
- ❖ Publication of proceedings in both print and digital formats.
- ❖ Assistance in indexing conference proceedings in published databases.

### 3. Journal Publication Support

- ❖ Guidance on submitting research papers to Scopus and Web of Science indexed journals.
- ❖ Assistance in manuscript preparation, formatting, and submission.
- ❖ Support for handling peer review feedback and revisions.
- ❖ Coordination with journal editors to ensure timely publication.

#### **4. Book and Chapter Publications**

- ❖ Assistance in publishing academic books with reputed publishers such as Springer and Elsevier.
- ❖ Guidance on writing and compiling book chapters.
- ❖ Coordination with editors and publishers for smooth publication.
- ❖ Marketing and distribution support for published books.

#### **5. Editing and Proofreading:**

- Professional editing and proof reading services to ensure high-quality manuscript.
- Formatting and styling of manuscripts according to the publisher's guidelines.
- Ensuring linguistic accuracy and consistency.

#### **6. Indexing and abstraction services.**

- Assistance in obtaining journals and conference proceedings indexed in major databases.
- Coordination with indexing agencies for timely and accurate listing.
- Support for enhancing the visibility and accessibility of published works.

#### **7. Publication Planning and Strategy**

- Development of a publication strategy tailored to the goals of the institution or researcher.
- Identification of suitable journals and publishers for different types of

manuscript.

- Guidance on navigating the publication process and avoiding predatory journals.

#### **Types of Publications Supported**

##### **1. Books and Monographs:**

- ❖ Academic books
- ❖ Edited volumes
- ❖ Research monographs

##### **2. Journal Articles:**

- ❖ Research articles
- ❖ Review papers
- ❖ Short communications
- ❖ Case studies

##### **3. Conference Proceedings:**

- ❖ Full conference proceedings
- ❖ Selected papers from conferences

##### **4. Book Chapters:**

- ❖ Contributions to edited volumes
- ❖ Chapters in textbooks

##### **5. Other Academic Works:**

- ❖ White papers
- ❖ Policy briefs
- ❖ Technical reports

# UNIVERSITY AND COLLEGE EVENT MANAGEMENT



## Objective :

Provide comprehensive event management services for universities and colleges, ensuring the successful execution of academic events such as national and international conferences, workshops, symposiums, special lectures, and other educational events.

## Company Overview:

ZENGRAVITAS is a premier event management firm that specialises in organising academic and educational events. Our experienced team is dedicated to delivering seamless high-quality events that foster learning, collaboration, and professional development.

## Scope of Services:

### 1. Event Planning and Coordination

- ◎ Initial consultation to understand the objectives and requirements of the event.

- ◎ Development of a detailed event plan including timelines, milestones, and deliverables.
- ◎ Coordination with university/college stakeholders and committees.

### 2. Venue Management:

- ◎ Assistance in selecting the appropriate venue based on event size and requirements.
- ◎ Arrangement of seating, audiovisual equipment, and other necessary facilities.
- ◎ On-site management to ensure smooth operation.

### 3. Registration and Communication

- ◎ Creation of an online registration portal for participants.
- ◎ Regular communication with participants, speakers, and sponsors.
- ◎ Management of registration fees and participant data.

#### **4. Program Development:**

- ◎ Assistance in curating the event program, including session scheduling and speaker management.
- ◎ Coordination of keynote speakers, panellists, and presenters.
- ◎ Preparation of event materials such as agendas, brochures, and abstract booklets.

ensures that the event runs smoothly.

- ◎ Handling attendees' enquiries and issues.
- ◎ Post-event evaluation and feedback collection.

#### **5. Technical Support:**

- ◎ Provision of audio-visual equipment and technical support.
- ◎ Setup and management of live streaming and recording of virtual or hybrid events.
- ◎ Technical assistance for presentations and interactive sessions.

### **TYPES OF EVENTS MANAGED**

#### **1. National and International Conferences**

Comprehensive management of large-scale academic conferences, including multi-day events with multiple sessions and tracks.

#### **2. Workshops and Training Sessions**

The organisation of hands-on workshops and training sessions focuses on specific skills or topics.

#### **3. Symposia:**

Planning and execution of academic symposiums that bring together experts to discuss and debate critical issues.

#### **4. Special Lectures and Lecture Series:**

Coordination of individual special lectures or a series of lectures featuring prominent speakers.

#### **5. Other Educational Events**

Management of seminars, panel discussions, and other educational events that foster knowledge sharing and collaboration.



#### **6. Logistics and Hospitality**

- ◎ Arrangement of travel and accommodation for speakers and VIP guests.
- ◎ Coordination of catering services, including meal planning and dietary accommodation.
- ◎ Organisation of social events, networking sessions, and gala dinners.

#### **7. Marketing and Promotion.**

- ◎ Development of a marketing strategy to promote an event.
- ◎ Design and distribution of promotional materials, including flyers, posters, and social media content.
- ◎ Media relations and press coverage.

#### **8. On-Site Management:**

- ◎ On-site coordination and management

# CONTENT WRITING ASSISTANCE FOR EDUCATIONAL INSTITUTIONS AND INDUSTRY

## Objective:

To provide comprehensive content writing services tailored to meet the diverse needs of educational institutions and industry sectors. Our aim is to deliver high-quality, engaging, and informative content that enhances communication, education, and marketing.

## Company Overview:

ZENGRAVITAS specialises in content creation and educational consultation services. With a team of experienced writers, educators, and subject matter experts, we are committed to delivering customised content solutions that resonate with target audiences and achieve organizational objectives.

## Scope of Services:

### 1. Educational Institutions

**Curriculum Development:** Development of course materials, lesson plans, and educational resources aligned with academic standards and learning objectives.

**Academic Writing Assistance:** Support for students and faculty in writing academic papers, theses, dissertations, and research articles.

**E-learning Content:** Creation of interactive e-learning modules, online courses, and digital textbooks for distance learning and blended learning environments.

**Website Content:** Development of website content, blogs, and articles to enhance online presence and engage stakeholders.

### 2. Industry Sectors:

**Technical Writing:** Creation of technical documents, manuals, user guides, and product documentation for the engineering, IT, and manufacturing sectors.



**Marketing Collateral:** Development of marketing content, including brochures, press releases, case studies, and promotional materials.

**SEO Content:** Optimisation of web content and blogs with SEO best practices to improve search engine rankings and attract targeted traffic.

**White Papers and Reports:** Writing white papers, research reports, and industry insights to showcase thought leadership and expertise.

### 3. Content Strategy and Consulting

**Content Audits and Strategy Development:** Assessment of existing content assets and formulation of content strategies aligned with organizational goals.

**Content Calendar Planning:** Creation of content calendars to streamline content production and distribution across platforms.

**Brand Voice Development:** Establishment of a consistent brand voice and tone for cohesive communication.

### 4. Editing and Proofreading:

**Copy Editing:** Reviewing and editing content for clarity, accuracy, grammar, and style.

**Proofreading:** Ensuring error-free content with meticulous proofreading and quality assurance checks.

### 5. Multimedia Content Production

**Video Scripts:** Writing scripts for educational videos, promotional videos, and instructional content.

**Graphic Design Briefs:** Developing briefs and content outlines for graphic designers

for infographics, presentations, and visual content.

### 6. Content Localization:

**Translation Services:** Translation of content into multiple languages to reach global audiences.

**Cultural Adaptation:** Adapting content to resonate with diverse cultural backgrounds and regional preferences.

### Key Features:

**Customised Content Solutions:** Tailored content creation services to meet specific needs and objectives.

**Expertise Across Industries:** Experienced writers and subject matter experts with domain knowledge across various industries.

**Quality Assurance:** Rigorous editing and proofreading processes to ensure high-quality, error-free content.

**SEO and digital marketing expertise:** Optimisation of content for search engines and digital marketing strategies.

### Benefits:

**Enhanced Communication:** Clear and compelling content that effectively communicates messages and information.

**Educational Excellence:** Support for educational institutions in delivering engaging and informative educational materials.

**Industry Leadership:** Positioning of industry clients as thought leaders through valuable content and insights.

**Efficiency and Effectiveness:** Streamlined content creation processes and improved content effectiveness.

# PROVIDING VIDEO LECTURES FOR ODL COURSES



## Objective:

To offer comprehensive video lecture production services tailored to Open and Distance Learning (ODL) courses. Our aim was to enhance the learning experience by delivering high-quality, engaging, and accessible video content that supports the curriculum and meets the needs of distance learners.

## Company Overview:

ZENGRAVITAS specialises in creating educational multimedia content. Our team consists of experienced educators, instructional designers, and video production experts dedicated to delivering top-notch video lectures to enhance the effectiveness of ODL programs.

## Scope of Services:

### 1. Content Development:

Collaboration with subject matter experts

to develop comprehensive lecture scripts and story boards. Ensuring that content aligns with curriculum requirements and learning outcomes. Incorporating interactive elements and multimedia to enhance engagement.

### 2. Video Production:

Professional recording of lectures using high-quality audio and video equipment. Filming in a controlled studio environment or on-site, as required. Use of animations, graphics, and visual aids to clarify complex concepts.

### 3. Post-production Editing:

Editing raw footage to create polished, cohesive video lectures. Adding titles, subtitles, and closed captions for accessibility. Incorporation of quizzes and interactive elements into videos.

### 4. Quality Assurance:

Reviewing videos for accuracy, clarity, and quality. Conducting feedback sessions with educators and students for continuous improvement. Ensuring that videos meet technical and pedagogical standards.

### 5. Hosting and Distribution

Providing secure hosting solutions for video content. Integration with Learning Management Systems (LMS), such as Moodle, Blackboard, or custom platforms.

Support for streaming and downloading options to accommodate different learner needs.

## **6. Training and Support :**

Training faculty and staff on best practices for delivering online lectures. Ongoing technical support for video production and platform usage. Assistance in updating and revising video content as needed.

### **Key Features:**

#### **1. Engaging Content:**

Use of storytelling techniques to make lectures more engaging. Inclusion of real-world examples and case studies. Interactive elements enhance learner participation.

#### **2. Accessibility:**

Closed captions and subtitles in multiple languages. Adherence to accessibility standards for visually impaired and hearing-impaired learners. Mobile-friendly formats for on-the-go learning.

#### **3. Flexibility:**

Customisable video lengths to fit various course structures. Ability to create standalone videos or entire course series. Adaptability to different academic disciplines and levels.

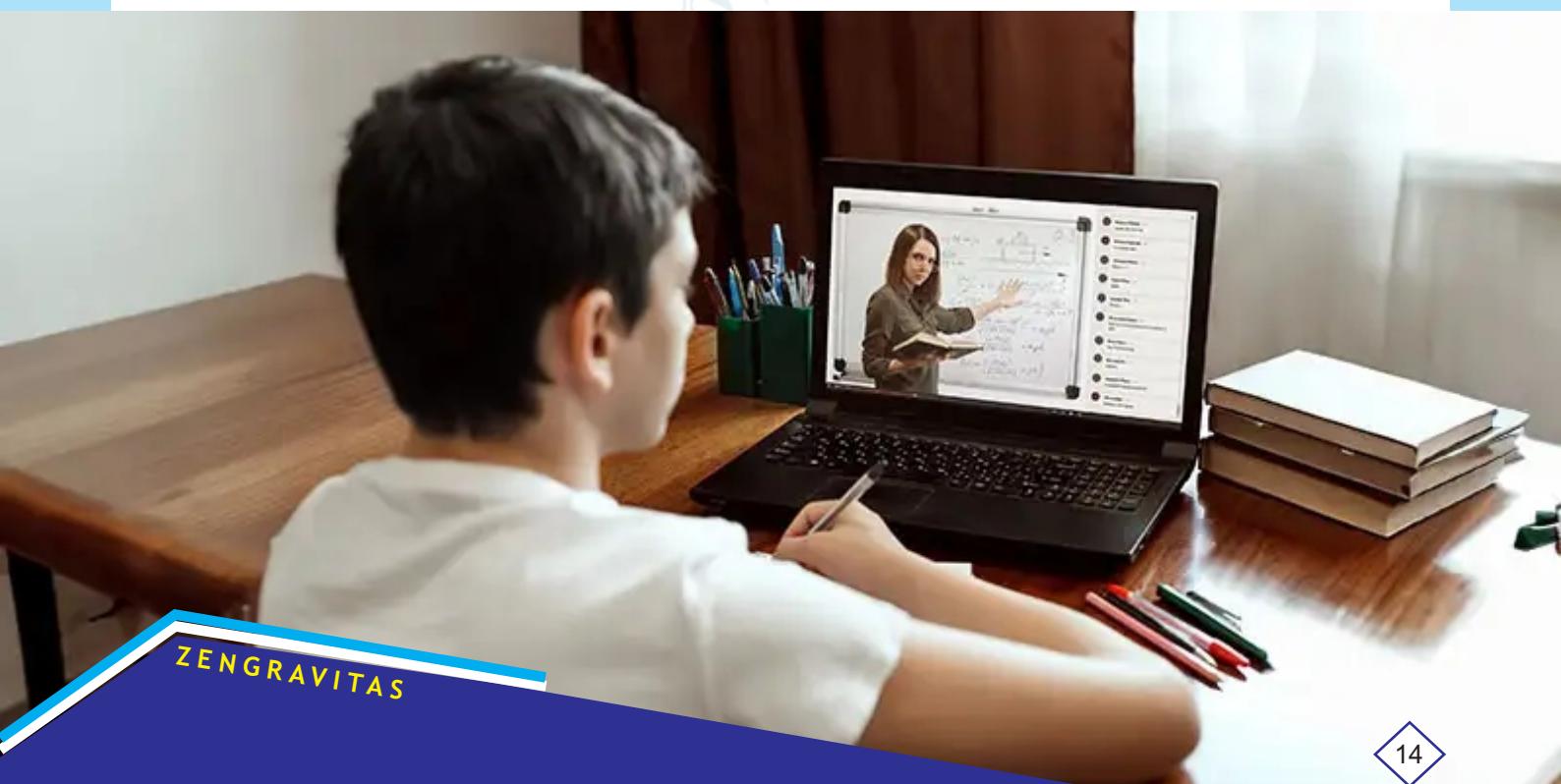
### **Benefits:**

**Enhanced Learning Experience:** High-quality video lectures help to explain concepts clearly and keep learners engaged.

**Consistency:** Standardised content delivery ensures that all the students receive the same level of instruction.

**Flexibility:** Students can access lectures at their own pace and convenience, thus facilitating better understanding and retention.

**Scalability:** Easily scalable to accommodate large numbers of students and multiple courses.



# IELTS & TOEFL

## COACHING CENTER

### Objective:

To establish and manage a coaching center dedicated to preparing students for the IELTS (International English Language Testing System) and TOEFL (Test of English as a Foreign Language) exams. Our goal is to provide high-quality training and resources to help students achieve their desired scores and enhance their English language proficiency for academic and professional purposes.

### Company Overview:

[Your Company Name] specializes in offering comprehensive test preparation services. With a team of experienced instructors, state-of-the-art facilities, and a commitment to student success, we aim to provide the best coaching for IELTS and TOEFL aspirants.

### Scope of Services:

#### 1. Course Design and Curriculum:

**Customized Study Plans:** Development of tailored study plans based on individual student needs, proficiency levels, and target scores.

#### Comprehensive Curriculum:

Comprehensive coverage of all sections of the IELTS and TOEFL exams, including Reading, Writing, Listening, and Speaking.

**Practice Tests:** Regular practice tests and mock exams to familiarize students with the test format and improve their test-taking skills.

#### 2. Instruction and Training:

**Experienced Instructors:** Employment of qualified and experienced instructors specializing in IELTS and TOEFL preparation.

**Interactive Teaching Methods:** Use of interactive teaching methods, including multimedia presentations, group discussions, and role-playing exercises.

**Feedback and Assessment:** Continuous assessment of student progress and personalized feedback to address areas of improvement.

#### 3. Resource Provision:

**Study Materials:** Provision of up-to-date study materials, including textbooks, practice papers, audio-visual aids, and online resources.

**Library Access:** Access to a well-stocked library with a wide range of reference books, practice tests, and language resources.

**Online Learning Portal:** Development of an online learning portal for additional practice, resources, and virtual classroom sessions.

#### 4. Support Services:

**Counseling and Guidance:** Offering counseling services to help students with exam registration, university applications, and career advice.

**Workshops and Seminars:** Organizing workshops and seminars on exam strategies, time management, and stress reduction techniques.

**Peer Study Groups:** Facilitating the formation of peer study groups to encourage collaborative learning and mutual support.

#### 5. Facilities and Infrastructure:

**Classrooms:** Setting up modern, well-equipped classrooms conducive to learning, with audio-visual aids and comfortable seating.

**Language Labs:** Establishing language labs for interactive language practice and improvement of listening and speaking skills.

**Study Areas:** Providing quiet study areas and breakout rooms for individual and group study sessions.

#### 6. Technology Integration:

**Digital Resources:** Integration of digital tools and resources, including online practice tests, e-books, and interactive learning apps.

**Virtual Classes:** Offering virtual classes and webinars for remote learning and flexible scheduling options.

**Performance Tracking:** Implementation of digital tracking systems to monitor student progress and performance over time.

#### KEY FEATURES:

**Expert Instruction:** Access to highly qualified instructors with extensive experience in IELTS and TOEFL coaching.

**Comprehensive Training:** Holistic approach to training that covers all aspects of the exams and enhances overall language proficiency.

**State-of-the-Art Facilities:** Modern facilities equipped with the latest technology and resources to support effective learning.

**Student-Centric Approach:** Focus on individual student needs, personalized feedback, and continuous support.

#### BENEFITS:

**Higher Success Rates:** Increased likelihood of achieving target scores through comprehensive and targeted preparation.

**Enhanced Language Skills:** Improvement in overall English language skills, benefiting academic and professional pursuits.

**Confidence Building:** Development of test-taking strategies and confidence through regular practice and mock exams.

**Supportive Learning Environment:** Creation of a supportive and motivating learning environment that fosters student success.

# B.VOC COURSE

## DEVELOPMENT AND IMPLEMENTATION

### Objective:

To design and implement Bachelor of Vocation (B.Voc) courses that provide students with industry-relevant skills, practical knowledge, and academic proficiency, preparing them for successful careers in various vocational sectors.

### Company Overview:

ZENGRAVITAS is a leading educational consultancy specialising in vocational training and curriculum development. Our team comprised experienced educators, industry experts, and instructional designers dedicated to creating comprehensive and impactful vocational programs.

### Scope of Services:

#### 1. Course Design and Curriculum Development

- Identification of industry needs and emerging trends in designing relevant B.Voc courses.
- Development of a detailed curriculum that combines theoretical knowledge and practical skills.
- Integration of National Skill Qualification Framework (NSQF) Levels and Alignment with Industry Standards.

#### 2. Content Development:

- Creation of comprehensive course materials, including textbooks, lecture notes, and multimedia content.
- Development of practical exercises, case studies, and project work to enhance hands-on learning.
- Incorporation of e-learning modules and online resources for blended learning.

#### 3. Faculty Training and Development

- Training programs for faculty members to equip them with the necessary skills and knowledge to deliver B.Voc courses effectively.
- Ongoing professional development workshops and seminars.
- Support for the recruitment of industry experts and adjunct faculty members

#### 4. Infrastructure and Equipment

- Assistance in setting up state-of-the-art laboratories and workshops required for practical training.
- Recommendations for procuring necessary equipment and tools.
- Ensuring compliance with safety and industry standards.

#### 5. Industry Collaboration and Internships

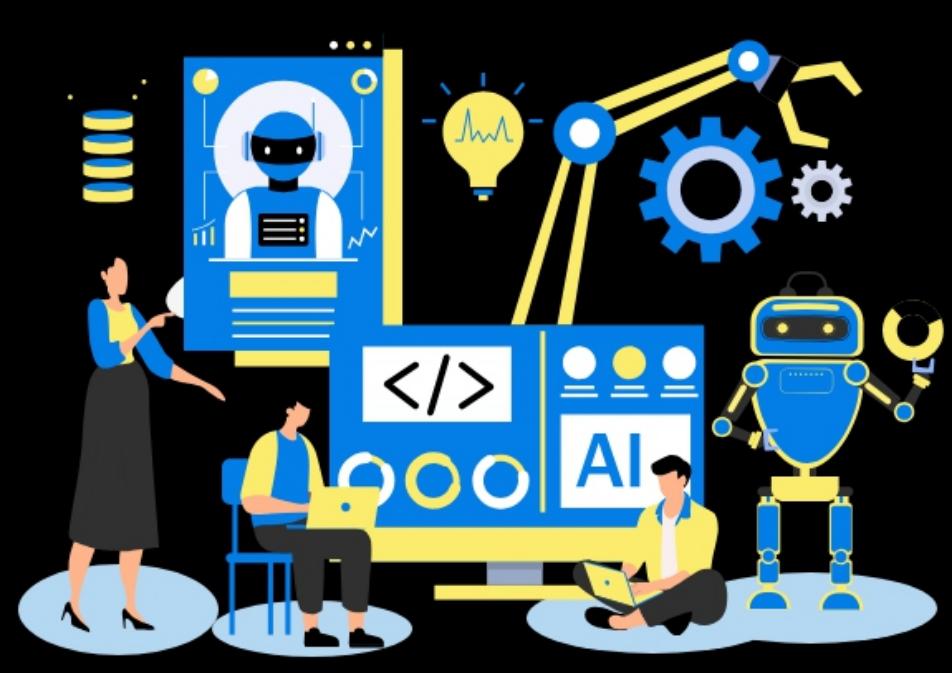
- Establishing partnerships with industry stakeholders for internships, apprenticeships, and on-the-job training.
- Facilitating guest lectures, workshops, and industry visits.
- Creating a feedback loop with industry partners to keep the curriculum updated.

#### 6. Quality Assurance and Accreditation

- Guidance on obtaining accreditation from relevant bodies and ensuring compliance with regulatory standards.
- Implementation of internal quality assurance mechanisms.
- Regular monitoring and evaluation of course effectiveness.

#### 7. Student Support Services

- Career counselling and placement services to assist students in finding suitable employment opportunities.



## COURSES OFFERED:

### 1.B. Voc in Information Technology

- ▽ Focus on software development, networking, cybersecurity, and data analytics.
- ▽ Hands-on training in the latest technologies and tools.

- Soft skills training including communication, teamwork, and leadership skills.
- Mentorship programs and academic support for students.

### Key Features:

#### 1. Industry-level Curriculum

- The courses were designed in consultation with industry experts to ensure their relevance and employability.
- Focus on practical skills and real-world applications.

#### 2. Blended Learning Approach

- Combination of classroom instruction, online learning, and hands-on training.
- Flexibility to accommodate different learning styles and schedules.

#### 3. Comprehensive Support:

- End-to-end support from course design to implementation and evaluation.
- Continuous improvement based on feedback from students, faculty, and industry partners.

### 2.B. Voc in Healthcare:

- ▽ Courses in medical laboratory technology, radiology, and patient care.
- ▽ Practical training in hospitals and healthcare facilities.

### 3.B. Voc in Hospitality and Tourism

- ▽ Curriculum covering hotel management, travel and tourism, and culinary arts.
- ▽ Industry internships and on-the-job training.

### 4.B. Voc in Automotive Technology

- ▽ Training in vehicle maintenance, repair, and advanced automotive technologies.
- ▽ Collaboration with leading automotive companies for practical exposure.

### 5.B. Voc in Retail Management

- ▽ Courses in merchandising, supply chain management, and customer service.
- ▽ Practical training in retail environments.



# TECHNICAL TRAINING COURSES INCLUDING NDT (NON-DESTRUCTIVE TESTING)

## Objective:

To provide high-quality technical training courses, including specialized training in Non-Destructive Testing (NDT), aimed at equipping participants with essential skills for various industries. Our programs are designed to cater to students, professionals, and organizations, enhancing their capabilities in NDT and other technical domains.

## Company Overview:

**ZENGRAVITAS** offers comprehensive training solutions across multiple technical fields, including programming, IT infrastructure, emerging technologies, and Non-Destructive Testing (NDT). Our experienced trainers, practical learning approach, and state-of-the-art facilities ensure that participants acquire both theoretical knowledge and practical skills.

## Scope of Training:

### 1. Training Areas:

#### Programming and IT Skills:

**C and C++:** Fundamental and advanced programming, data structures, and algorithms.

**Java and Python:** Core and advanced programming concepts, including web and software development.

**Web Technologies:** Front-end and back-end development, including JavaScript frameworks and full-stack development.

**Cloud Computing, Cybersecurity, and DevOps:** Training in cloud platforms, security practices, and DevOps tools.

#### Non-Destructive Testing (NDT):

**Introduction to NDT:** Overview of NDT methods, applications, and industry standards.

#### NDT Methods:

**Ultrasonic Testing (UT):** Principles, equipment, calibration, and interpretation of results.

**Radiographic Testing (RT):** Use of X-rays and gamma rays, film interpretation, and safety protocols.

**Magnetic Particle Testing (MPT):** Techniques for detecting surface and subsurface discontinuities.

**Liquid Penetrant Testing (LPT):** Procedures for detecting surface flaws, using penetrants and developers.

**Eddy Current Testing (ECT):** Principles, equipment, and applications in detecting surface and near-surface defects.

**Advanced NDT Techniques:** Phased Array Ultrasonic Testing (PAUT), Time of Flight Diffraction (TOFD), and Digital Radiography.

**NDT Certification Preparation:** Training aligned with industry standards such as ASNT, ISO, and ASTM, preparing participants for certification exams.

### 1. Training Delivery Methods:

- o **Instructor-Led Training (ILT):** In-person or virtual sessions with expert trainers, including practical demonstrations and hands-on labs.
- o **Online Courses:** Self-paced courses with interactive content, videos, and assessments, available for remote learners.
- o **Blended Learning:** A mix of online and face-to-face training, providing flexibility while ensuring comprehensive coverage.
- o **Workshops and Bootcamps:** Intensive,

short-term programs focusing on specific NDT techniques or technologies.

### 3. Customized Training Solutions:

- o **Corporate Training:** Tailored NDT and technical training programs for organizations, focusing on specific industry requirements and compliance standards.
- o **Advanced Technical Courses:** Specialized courses in emerging technologies and advanced NDT methods.

### 4. Support and Resources:

- o **Learning Materials:** Access to comprehensive materials including textbooks, manuals, digital resources, and NDT simulation software.
- o **Lab Access:** Fully equipped labs for practical training in NDT techniques, including hands-on experience with real-world applications.
- o **Mentorship and Guidance:** Support from experienced instructors and industry professionals, including career advice and technical guidance.

### 5. Assessment and Certification:

- o **Continuous Assessment:** Regular quizzes, practical tests, and assignments to ensure thorough understanding.
- o **Certification:** Issuance of certificates upon successful completion of the course, recognized by industry and professional bodies.
- o **Certification Exam Preparation:** Focused training to prepare participants for certification exams such as ASNT Level I, II, and III.

### Key Features:

- **Experienced Instructors:** Training provided by professionals with

extensive experience in NDT and related technical fields.

- **Hands-On Learning:** Emphasis on practical, real-world application of NDT techniques and technologies.
- **Flexible Learning Options:** Various training formats to accommodate different learning styles and schedules.
- **Up-to-Date Curriculum:** Courses aligned with the latest industry standards, technologies, and best practices.

### Benefits:

- **Industry-Relevant Skills:** Acquire specialized skills in NDT and other technical areas, enhancing job readiness and career growth.
- **Certification and Recognition:** Gain industry-recognized certifications that validate your expertise and increase employability.
- **Professional Development:** Improve critical thinking, problem-solving, and technical proficiency in key areas.
- **Enhanced Safety and Quality:** Apply NDT skills to ensure the safety and reliability of materials and structures in various industries.



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