# Learning Outcomes Blaze

A RESEARCH BASED PATENTED SOFTWARE

™

# An Educational Technological Framework SOFTWARE

## Software to Trace:

**Graduate Attributes**
**Program Learning Outcomes**
**Course Learning Outcomes**
**Qualifications Frameworks**
**Vocational Competencies**

## TARGET CLIENTS

**ACADEMIC INSTITUTIONS**

**SCHOOLS AND ACADEMIES**

**HIGHER EDUCATIONAL INSTITUTIONS**

**COLLEGES AND UNIVERSITIES**

**INSTITUTIONAL ACCREDITING AGENCIES**

**PROGRAM ACCREDITING AGENCIES**

**OUTCOME BASED EDUCATIONAL HUBS**

**INSTITUTES AND SCHOLASTIC CENTERS**

**TEACHING AND LEARNING COUNCILS**

**OTHER EDUCATIONAL GRANTS AND COMMISSIONS**

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# Learning Outcomes Blaze

The software "Learning Outcomes Blaze" follows a unique and logical patented methodology to technically measure the delivery and attainment of educational institutions core attributes such as graduate attributes and learning outcomes. Unlike traditional methods, the technique uses an established patented, numerical and calculated grounds to evaluate the institutional efficacy, through valid assessments. The software intensely allows to fill in the lapsed gaps, to attain the expected quality of education, that occur at most of the educational institutions throughout the globe. The benefit of this unique software is aimed to authenticate and seriously enhance the quality of delivered outcomes, to reflect the true evaluation of institutional strategies such as its vision and mission.
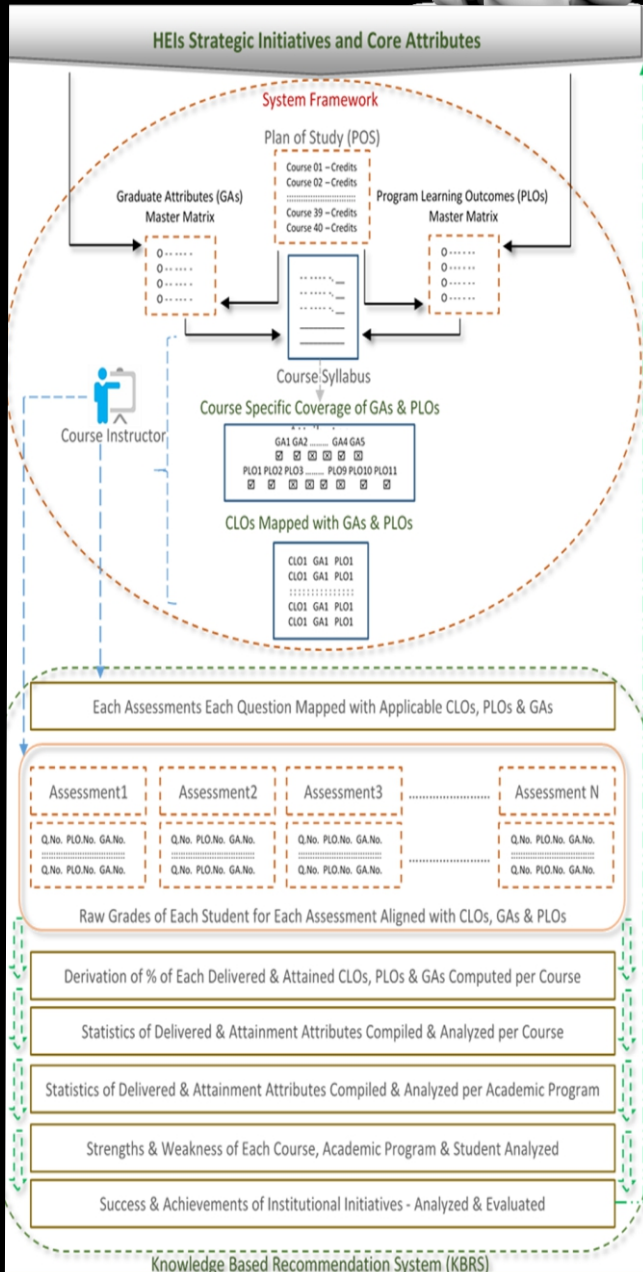
# Learning Outcomes Blaze - A Paradigm

*Learning Outcomes Blaze software is rationally intended to produce incredible effectiveness to the development of an academic program, throughout the educational processes. In addition, the software helps to systematically determine the strengths and weaknesses of each student, course and academic programs, thereby proposing to effectively continuously build on academic programs to overcome its failures and sustain efficacy to meet the institutional expectations. The software follows an authentic digital statistical and measurable technique, using formal assessment grades. It uses the grades received in assessments to measure the delivery and attainment of these attributes. With advanced systems and technological measures in place the software hubs to track every individual student's performance through course assessments. Student's performance, through every course is trailed via received grades in the assessments.*
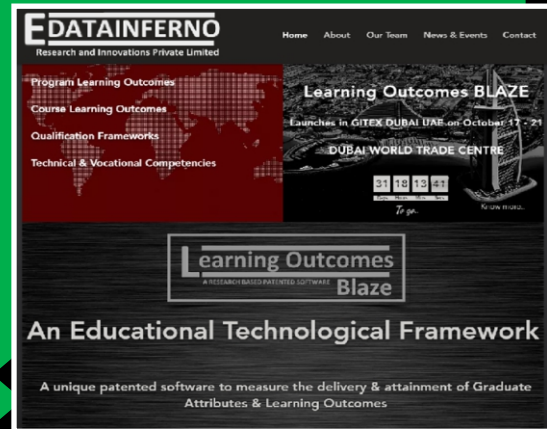
# Highlights of the Software

- Calculates the amount of graduate attributes, program learning outcomes, course learning outcomes delivered as well attained, in every course, for every individual student and collectively for a group of students.

- Identifies the strengths and weaknesses of each student.

- Identifies and compare the efficacy of delivery and attainment of each graduate attribute.

- Identifies and compare the efficacy of delivery and attainment of each learning outcome.

- Compares the effectiveness of courses with respect to different terms.

- Identifies the strengths and weaknesses of each course as well an academic program enabling the system to support further review and development of courses and academic programs.

- Evaluates the effectiveness of course contents with respect to the learning outcomes and assessments.

- Evidently, supports to find out the correlation between delivered and attained statistics, enabling the system to locate the progression of institutional strategic initiatives such as its vision and mission.

- At strategic level, produces statistics to affirm the institutional quality assurance processes, specifically through students learning via course work modules and provide recommendations to revisit relevant policies, procedures and practices of HEI.

## Conceptual & Logical Framework

### HEIs Strategic Initiatives and Core Attributes

**System Framework**

**Plan of Study (POS)**

Course 01 – Credits
Course 02 – Credits
Course 39 – Credits
Course 40 – Credits

Graduate Attributes (GAs) Master Matrix

Program Learning Outcomes (PLOs) Master Matrix

Course Instructor

**Course Syllabus**

**Course Specific Coverage of GAs & PLOs**

GA1 GA2 ........ GA4 GA5
PLO1 PLO2 PLO3 ......... PLO9 PLO10 PLO11

**CLOs Mapped with GAs & PLOs**

CLO1 GA1 PLO1
CLO1 GA1 PLO1
CLO1 GA1 PLO1
CLO1 GA1 PLO1

Each Assessments Each Question Mapped with Applicable CLOs, PLOs & GAs

| Assessment1 | Assessment2 | Assessment3 | .................... | Assessment N |
|---|---|---|---|---|
| Q.No. PLO.No. GA.No. | Q.No. PLO.No. GA.No. | Q.No. PLO.No. GA.No. | | Q.No. PLO.No. GA.No. |
| Q.No. PLO.No. GA.No. | Q.No. PLO.No. GA.No. | Q.No. PLO.No. GA.No. | | Q.No. PLO.No. GA.No. |

Raw Grades of Each Student for Each Assessment Aligned with CLOs, GAs & PLOs

Derivation of % of Each Delivered & Attained CLOs, PLOs & GAs Computed per Course

Statistics of Delivered & Attainment Attributes Compiled & Analyzed per Course

Statistics of Delivered & Attainment Attributes Compiled & Analyzed per Academic Program

Strengths & Weakness of Each Course, Academic Program & Student Analyzed

Success & Achievements of Institutional Initiatives - Analyzed & Evaluated

**Knowledge Based Recommendation System (KBRS)**

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Program Learning Outcomes
Course Learning Outcomes
Qualification Frameworks
Technical & Vocational Competencies

**Learning Outcomes BLAZE**
Launches in GITEX DUBAI UAE on October 17 - 21

DUBAI WORLD TRADE CENTRE

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To go.

**Learning Outcomes Blaze**
A RESEARCH BASED PATENTED SOFTWARE

**An Educational Technological Framework**

A unique patented software to measure the delivery & attainment of Graduate Attributes & Learning Outcomes

## AN APT SOLUTION TO MAXIMIZE THE EDUCATIONAL STANDARDS THROUGH SMART ASSESSMENTS MANAGEMENT & EVALUATION SYSTEMS