

# Curriculum Vitae



## PERSONAL DATA

- **Name:** HALA MOHAMED REFAT Abdel Mohaymen ABUALSAFA
- **Specialist :** Associat professor, Structural engineering , civil department, benha faculty of engineering ,benha university.
- **Date of birth:** 8/7/1968
- **Gender:** Female
- **Phone:** Home: 048 2194902  
Mobile: 01001527464
- **Nationality:** Egyptian
- **Religion:** Muslim  
[hala.abusafa@bhit.bu.edu.eg](mailto:hala.abusafa@bhit.bu.edu.eg)
- **E-mail:** Married
- **Marital status:** Building NO 10, alsobki street with talat harb street ,
- **ADDRESS:** SHEBEN ALKOM , Al menoufia.

## CAREER OBJECTIVE

Seeking to apply my knowledge, develop my skills and learn more experience in different fields related with my career .

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## Education




- Publish (17) scientific papers.
- Assistant professor of structural engineering in civil engineering department benha faculty of engineering, benha university 2017.
- Finished **PH.D** in Engineering specialty: **structural engineering** ,year **2009**

The title of the thesis is: **Structural Behaviour of Concrete walls and Columns Reinforced with New Composite Materials under Compression Loadings."**



- **finished Masters in** Engineering specialty: **structural engineering** ,year **2005**

The title of the thesis is: **Structural Behaviour of Ribbed Ferrocement Plates.**

- Graduated from **MENOFIA** University, Faculty of engineering. Department of: civil engineering, year 1993.
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## Computer Skills



- Ability of using **AutoCAD 2D**
  - Ability of using **internet search and data gathering**
  - Ability of using **sap** program
  - Ability of using Microsoft Office Word
  - Ability of using Microsoft Office PowerPoint
  - Ability of using Microsoft Office Excel
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## • Experience



- supervising on **9** scientific letters for **Master's students**
  - Supervising on **8** scientific letters for **PhD**
  - **Working as an Associate professor in the Faculty of Engineering " civil department's benha university " Specialty: structure From year 2011 till now .**
  - Teaching courses to postgraduate students :
    - Finite Element
    - Plasticity
    - Elasticity
    - Advanced Finite Element
    - Advanced programs
  - Teaching courses to undergraduate students :
    - Mechanical structural analysis 1.
    - Mechanical structural analysis 2.
    - Computer Applications.
    - Projects Management.
    - Technology of Civil Engineering.
    - Engineering applications.
    - Graduation projects. (material project, steel project, structural project)
    - Training courses for students in summer.
    - DYNAMICS OF STRUCTURES
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## • Past Experience

- Oversees on extension building in benha faculty of engineering.
- Working at Menoufia university for a 10 years ago as executive engineer on many projects and Olympic village.
- Working at Menoufia government .
- Working at Educational Buildings Authority .

## LANGUAGES

**Arabic:** Mother tongue

**English:** Very good (written and spoken).

## Interests And Activities

- Reading
- Travelling
- Family
- Learn new things related with my work.
- Participate in the Modification of the latest post graduate's list at benha faculty of engineering.
- Helping in preparing for the department council and the development schedule For 3 Consecutive years
- Head of the control for 7 years
- Coordinates the standard of students and graduates and participates in quality work for four consecutive years to obtain **quality** accreditation for the college.
- Academic Leader at (ابداع) 's family at collage for two years
- Academic Leader at (احلى شباب) (انسان) 's family at collage

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## Interests And Activities

- the head of International student's committee at benha faculty of engineering
- Participate in solving student's problems for both post and under graduate.
- Attend several courses for quality, academic supervision and skills development.

## Courses

- International scientific publication. ( دورة النشر العلمى الدولى )
- Website Management. ( دورة ادارة المواقع الالكترونية )
- Self-assessment and external audit. ( دورة التقييم الذاتى و المراجعة الخارجية )
- Microsoft office specialist.
- MS Office power point 2016.
- Management of the research team. ( دورة ادارة الفريق البحثى )
- Organizing scientific conferences. ( دورة تنظيم المؤتمرات العلمية )

## conferences

- Effect of Water Density on The Response of Square Tension Leg Platform at Military technical college 2014.
- The Impact Resistance of Sandwich Light Weight Ferrocement Concrete Plates at Alexandria university 2016.
- The Six International Education Quality Assurance Conference 2019.
- Attending a team workshop in 11,12,13,/6/2019 in the Education Quality Assurance Conference

No.	papers
1-	<b>Behavior of Damaged B.F.I. Beam Repaired by CFRP Strips under Static or Fatigue Loads Using Finite Element Simulation.</b>
2-	<b>Strengthening of Composite Steel-Concrete Beams Openings by Adopting Different Reinforcement Methods.</b>
3-	<b>EXPERIMENTAL STUDY ON THE REHABILITATION OF CORRODED REINFORCED CONCRETE BEAMS USING FIBER REINFORCED POLYMER</b>
4-	<b>An Experimental investigation of the damaged B.F.I. Beam repaired by CFRP under the Static and fatigue loads.</b>
5-	<b>APPLICATION OF AEM IN PROGRESSIVE COLLAPSE DYNAMICS ANALYSIS OF R.C. STRUCTURES.</b>
6-	<b>Experimental and FE simulations of ferrocement columns incorporating composite materials.</b>
7-	<b>Flexural Behavior of Hollow Concrete Beams Constructed using Stay-In-Place FRP Forms.</b>
8-	<b>Lateral Response Behavior of High-Rise Buildings in One Direction Eccentricity.</b>
9-	<b>. Lateral Response Behavior of Symmetric High-Rise Buildings</b>
10-	<b>Experimental and numerical study on RC beams with Stay-In-Place GFRP Form.</b>
11-	<b>The impact resistance of sandwich light ferrocement concrete plates</b>
12-	<b>Influence of the Density of Water on the Dynamic Behavior of Square Tension Leg Platform.</b>
13-	<b>PROGRESSIVE COLLAPSE ANALYSIS OF 2-D RC FRAMES USING AEM</b>
14-	<b>EXPERIMENTAL STUDY ON THE REHABILITATION OF CORRODED REINFORCED CONCRETE BEAMS USING FIBER REINFORCED POLYMER.</b>
15-	<b>Structural behavior for rehabilitation ferrocement plates previously damaged by impact loads.</b>
16-	<b>Structural performance of ribbed ferrocement plates reinforced with composite materials.</b>
17-	<b>BEHAVIOR OF A CONFINED TENSION LAP SPLICE IN HIGH-STRENGTH REINFORCED CONCRETE BEAMS.</b>