

# CURRICULUM VITAE

Naglaa Glal Eldin Fahmy

| 1-Personal Details   |  |   |  |   |          |
|--|--|---|--|---|----------|
| Position   | Assistant<br>Prof .Doctor  | Name (English)<br>Naglaa Glal eldin Fahmy khalf |  |  |          |
| General Field  | Civil<br>Engineering   | Name (Arabic)<br>نجلاء جلال الدين فهمي خلف      |  |   |          |
| Specialization field   | Sructure Engineering   |   |  |   |          |
| City, Country  | Alminia, Egypt   | Address   | Elroda Mallowi City, , El-Minia, Egypt |   |          |
| Tel & WhatsApp   | 01009097431  |   |  |   |          |
| Fax No.  | 0862290600 (High Institute of engineering technology-El minia)<br>: (082) 2284688(Nahda University_ New Beni Suief)  |   |  |   |          |
| E-mail (1)<br>E-mail (2)   | naglaa.fahmy@mhiet.edu.eg<br>naglaa.fahmy@nub.edu.eg   |   |  |   |          |
| Affiliation<br>(Full time)<br>Sept -2016- Present  | High Institute of engineering technology-El minia  | High Institute                                  | Engineering                            | Department  | Civil    |
| Affiliation<br>Feb. 2015 : Sept -2016<br>(Full Time)<br>Sept 2016- Present<br>(Part Time)          | Faculty of Engineering, Nahda University   | Faculty   | Engineering                            | Department  | Civil    |
| Project Manager from<br>May 13, 2013, to<br>February 1, 2015<br>project Engineer from<br>2003-2013 | Mallowi- Egypt   |   |  |   |          |
| Nationality  | Egypt  | Date of Birth                                   | 3/6/1975                               | Place of Birth  | Mallowi, |
| Languages  | Arabic/English   |   |  |   |          |
| Mhiet Web English<br>NahdaWeb English<br>Google Scholar<br>Research gate<br>Orcid                  | <a href="http://www.mhiet.edu.eg">http://www.mhiet.edu.eg</a><br><a href="http://www.nub.edu.eg">http://www.nub.edu.eg</a><br><a href="http://scholar.google.com/citations?hl=ar&amp;user=ql4m91EAAAAJ">http://scholar.google.com/citations?hl=ar&amp;user=ql4m91EAAAAJ</a><br><a href="https://www.researchgate.net/profile/Naglaa-Fahmy?ev=prf_overview">https://www.researchgate.net/profile/Naglaa-Fahmy?ev=prf_overview</a> |   |  |   |          |

<https://orcid.org/0000-0002-7408-8506>

## 2-Education

|                   |                                      |                |   |               |           |
|-------------------|--------------------------------------|----------------|---|---------------|-----------|
| Highest Degree    | Doctoral degree in Civil Engineering | Date of Gradua | 22 <sup>th</sup> October 2014               | Year Obtained | 2.5 years |
| University        | University of Elmina                 | Country        | Egypt                                       |               |           |
| Major field       | Civil Engineering                    | Specialization | Structure Engineering(Reinforced Concrete ) |               |           |
| Master's Degree   | M.SC                                 | Date of Gradua | 28 <sup>th</sup> June 2012                  | Year Obtained | 3 years   |
| University        | El minia University                  | Country        | Egypt                                       |               |           |
| Major field       | Civil Engineering                    |                | Structure Engineering(Reinforced Concrete ) |               |           |
| Bachelor's degree | B.SC                                 | Date of Gradua | 1999  | Year Obtained | 5 years   |
| University        | Assiut University                    | Country        | Egypt                                       |               |           |
| Major field       | Civil Engineering                    | Average grade  |   |               |           |

## 3- Administrative Experience

| Position/Post title | Name of Employer                                   | Dates      |            | Duties  |
|---------------------|--|------------|------------|---|
|                     |  | From       | To         |   |
|                     |  | Year/Month | Year/Month |   |
| Coordinator         | Faculty of engineering, Nahda University           | 2023       | now        | Coordinator of Civil Engineering program in faculty of engineering - for getting on a Certificate of Quality Assurance and Accreditation, 2023.   |
| Coordinator         | High Institute of engineering technology- El minia | 2023       | now        | Coordinator of Leadership and Governance Standard at the Quality Assurance Unit, Higher Institute of Engineering and Technology, for getting on a Certificate of Quality Assurance and Accreditation Assurance and Accreditation, 2023. |

|   |  |      |     |   |
|---|--|------|-----|---|
| Chairperson of the Electronic Support Committee | Faculty of engineering, Nahda University | 2106 | now | Chairperson of the Committee of Learning Management System(LMS)of the faculty of engineering  |
| Member of the College Control Committee         | Faculty of engineering, Nahda University | 2016 | now | Member of the Bachelor's Degree Control Committee actively involved in examination correction committees, control activities, and tasks related to reviewing and displaying the results of different academic levels. Consistently engaged in examination and control activities at the college." |
| Member of the College Council                   | Faculty of engineering, Nahda University | 2019 | now | Member of the College Council of the faculty of engineering   |

| 4- Academic Experience |   |                     |   |         |   |
|------------------------|---|---------------------|---|---------|---|
| Position               | Dates (from/to Month, Year)                           |                     | Name of Organization                              | Country | Duties  |
|                        | From  | To                  |   |         |   |
| Doctor                 | Full time)<br>Sept -2016-                             | Present             | High Institute of engineering technology-El minia | Egypt   | Researcher and teaching undergraduate student |
|                        | Feb. 2015<br>(Full Time)<br>Sept 2016-<br>(Part Time) | 2016<br><br>Present | Nahda University                                  | Egypt   | Researcher and teaching undergraduate student |

| 4 -1Courses Taught and examiner (for Undergraduate students) |         |  |       |      |        |
|--|---------|--|-------|------|--------|
| Course Title   | Code    | Name of Employer                         | Dates |      | level  |
|  |         |  | From  | To   |        |
|  |         |  | Year  | Year |        |
| Bachelor Project - Structural Engineering                    | PRJ 525 | Faculty of engineering, Nahda University | 2017  | now  | Fifth  |
| Graduation Project (1)- Structural Engineering               | CVE435  | Faculty of engineering, Nahda University | 2022  | now  | Fourth |
| Mechanics of Solids  | SDM 212 | Faculty of engineering, Nahda University | 2016  | 2022 | Second |
| Structural Analysis 1  | STR 213 | Faculty of engineering, Nahda University | 2020  | 2022 | Second |
| Structural Analysis 2  | STR 223 | Faculty of engineering, Nahda University | 2015  | now  | Second |
| Structural Analysis( 3)                                      | STR 223 | Faculty of engineering, Nahda University | 2021  | 2022 | Third  |
| Behavior of Materials  | BMT 227 | Faculty of engineering, Nahda University | 2021  | 2022 | Second |
| Design of Concrete Structures (1)                            | DCS 313 | Faculty of engineering, Nahda University | 2022  | 2023 | Third  |
| Design of Concrete Structures (2)                            | DCS 413 | Faculty of engineering, Nahda University | 2022  | 2023 | Fourth |
| Design of Concrete Structures (3)                            | DCS 513 | Faculty of engineering, Nahda University | 2016  | now  | Fifth  |
| Structural Analysis (1)                                      | CVE111  | Faculty of engineering, Nahda University | 2020  | now  | Second |
| Structural Analysis (2)                                      | CVE121  | Faculty of engineering,                  | 2021  | now  | Second |

|                                   |         |  |      |      |        |
|-----------------------------------|---------|--|------|------|--------|
|                                   |         | Nahda University                                     |      |      |        |
| Structural Analysis (3)           | CVE212  | Faculty of engineering,<br>Nahda University          | 2021 | 2022 | Third  |
| Properties of Materials           | CVE122  | Faculty of engineering,<br>Nahda University          | 2021 | 2022 | Second |
| Design of Concrete Structures (1) | CVE211  | Faculty of engineering,<br>Nahda University          | 2022 | now  | Third  |
| Design of Concrete Structures (2) | CVE221  | Faculty of engineering,<br>Nahda University          | 2022 | now  | Fourth |
| Design of Concrete Structures (3) | CVE314  | Faculty of engineering,<br>Nahda University          | 2022 | now  | Fifth  |
| Civil Drawing                     | CDR 214 | Faculty of engineering,<br>Nahda University          | 2016 | 2017 | Second |
| Soil Mechanics                    | SOM 322 | Faculty of engineering,<br>Nahda University          | 2015 | 2016 | Third  |
| Hydrology                         | HDR 324 | Faculty of engineering,<br>Nahda University          | 2015 | 2016 | Third  |
| Geology                           | GEO 215 | Faculty of engineering,<br>Nahda University          | 2016 | 2017 | Second |
| Structure analysis and mechanics1 | CT153   | High Institute of engineering<br>technology-El minia | 2017 | Now  | Second |
| Reinforced Concrete 2             | CT 221  | High Institute of engineering<br>technology-El minia | 2021 | now  | Fourth |
| Reinforced Concrete 3             | CT 223  | High Institute of engineering<br>technology-El minia | 2017 | now  | Fifth  |
| Reinforced Concrete 4             | CT 224  | High Institute of engineering<br>technology-El minia | 2017 | 2020 | Fifth  |
| Civil Drawing 1                   | CT 152  | High Institute of engineering<br>technology-El minia | 2017 | now  | Second |

|                             |         |   |      |      |        |
|-----------------------------|---------|---|------|------|--------|
| Reinforced Concrete Project |         | High Institute of engineering technology-El minia | 2017 | now  | Fifth  |
| Engineering Geology         | CT 151  | High Institute of engineering technology-El minia | 2017 | 2017 | Second |
| Reinforced Concrete         | ARE 212 | High Institute of engineering technology-El minia | 2020 | 2022 | Third  |

**4-2 E-Learning Courses Taught with Microsoft Team and Exam with MS Forms (for undergraduate students)**

| Course Name                       | code    | Department        | Organization                             |
|-----------------------------------|---------|-------------------|--|
| Structural Analysis 2             | STR 223 | Civil Engineering | Faculty of engineering, Nahda University |
| Structural Analysis (1)           | CVE111  |                   |  |
| Design of Concrete Structures (3) | DCS 513 |                   |  |
| Behavior of Materials             | BMT 227 |                   |  |

**4-2 E-Learning Courses Taught with Microsoft Team (for undergraduate students)**

|                                   |         |                          |   |
|-----------------------------------|---------|--------------------------|---|
| Civil Drawing 1                   | CT 152  | Civil Engineering        | High Institute of engineering technology-El minia |
| Reinforced Concrete 2             | CT 221  |                          |   |
| Reinforced Concrete 3             | CT 223  |                          |   |
| Structure analysis and mechanics1 | CT153   |                          |   |
| Reinforced Concrete               | ARE 212 | Architecture Engineering |   |

| 5-1 M.Sc. degrees under my Supervision  |                                  |                  |
|---|----------------------------------|------------------|
| Thesis Name   | Student name                     | Organization     |
| The Behaviour of Reinforced Concrete Corbels with web opening , M.Sc. thesis 2018, Faculty of Engineering, Elmina University, Egypt   | Eng .Mohamed Salah Mohamed Salah | Minia University |
| The effect of nano materials on the behaviour of high strength reinforced concrete beams under flexure, M.Sc. thesis 2023, Faculty of Engineering, Elmina University, Egypt                           | Eng . Rasha. Mohamed ElMasry     | Minia University |
| 5-2 Ph.D. degrees under my Supervision  |                                  |                  |
| Thesis Name   | Student name                     | Organization     |
| Effect of Using Waste Materials Powder on The Properties of Self Compacting Self Cured Concrete as a Cement Replacement Material ,Ph.D. thesis 2022, Faculty of Engineering, Elmina University, Egypt | Dr . Reham Maged                 | Minia University |
| Repair and Strengthening Reinforced Concrete Eccentric Columns Using BFRP, Ph.D. thesis 2023, Faculty of Engineering, Elmina University, Egypt  | Dr. Fatma Ramadan Mahmoud Emam   | Minia University |
| 5-3 Ph.D. degrees under my Supervision(thesis under publication)  |                                  |                  |
| Thesis Name   | Student name                     | Organization     |
| Behavior of Reinforced Concrete Structures Have Columns Supported On Transfer Beams Or Frames, Ph.D. thesis under publication, Faculty of Engineering, Elmina University, Egypt                       | Eng .Mohamed Salah Mohamed Salah | Minia University |
| Behaviour of edge column-flat slab connection with slab opening and thickness decreases, Ph.D. thesis under publication, Faculty of Engineering, Elmina University, Egypt                             | Eng .Hanaa Gamal Mohamed         | Minia University |

| <b>6- Professional Experience (Practical Training)</b>   |   |                        |
|--|---|------------------------|
| <b>Course Title</b>  | <b>Organization</b>   | <b>Date</b>            |
| Education Programs and courses specifications and Evaluation of learning outcomes for H.E. Institutes    | Egyptian National Authority for Quality Assurance and Accreditation of Education (NAQAAE) | 17-19 December 2016.   |
| (Self – evaluation of colleges and institutes of higher education),                                      | Egyptian National Authority for Quality Assurance and Accreditation of Education (NAQAAE) | 27-28 July 2019.       |
| (Education Programs and courses specifications and Evaluation of learning outcomes for H.E. Institutes ) | Egyptian National Authority for Quality Assurance and Accreditation of Education (NAQAAE) | 2- 5 September 2019.   |
| Effective teaching and learning strategies for higher education institutions ),                          | Egyptian National Authority for Quality Assurance and Accreditation of Education (NAQAAE) | 25- 26 September 2019. |
| Human Resources Management for Academic Leaders  | High Institute of engineering technology-   | 12 January2021         |
| Program and Course Description according to the 2018 standards   | Quality Assurance Center at Nahda University  | 24-29 May2022          |
| Research methodologies and methods   | High Institute of engineering technology-   | 31-October2022         |
| Examination and student assessment systems   | Faculty and Leadership Development Training Center, Elmina University                     | 17-18 January2023      |

| <b>6-1 Workshop</b>  |  |                 |
|--|--|-----------------|
| <b>Course Title</b>  | <b>Organization</b>                          | <b>Date</b>     |
| Applying for Programmatic Accreditation for Higher Education Institutions  | Quality Assurance Center at Nahda University | 18 May 2022     |
| Internal Audit and Organizational Evaluation   | Quality Assurance Center at Nahda University | 2-3october 2021 |
| Accelerate Your Science Research and Education Through JoVE  | Egyptian Knowledge Bank                      | 15 February2023 |
| Preparing for the visit of the Quality Team from the National Authority for Quality Assurance and Accreditation in Education | Quality Assurance Center at Nahda University | 1 January2023   |

| 7- Conferences       |  |  |                                  |
|----------------------|--|--|----------------------------------|
| Date                 | Theme/Subjects   | Conference Title   | Location                         |
| 24-28 November 2018. | Theoretical Investigation of high strength fiber Reinforced Concrete Corbels with and without opening under static loading | International conference on Civil and Environmental Engineering , (ICCEE), Elmina University | Hurghada, Egypt                  |
| December 2017.       | The effect of compression steel on the behaviour of high strength Reinforced Concrete beams under flexural                 | International Conference on Science, Technology and Entrepreneurship, Nahda University       | Nahda University-Bnisaief- Egypt |

| 8-Publications   |   |  |  |
|--|---|--|--|
| 8-1 Research Published in Accredited Journals (Scopus) |   |  |  |
| Year   | Title   | Journal                                | Volume/ Number/Pages   |
| July 2023  | Behavior of Large-Scale Columns Strengthened with Basalt Fiber-reinforced Polymers Sheets or Bars and Hybrid FRPs   | Case Studies in Construction Materials | Volume 18, S2214-5095(23)00305-4, ISSN:2214-5095<br><a href="https://doi.org/10.1016/j.cscm.2023.e02125">https://doi.org/10.1016/j.cscm.2023.e02125</a>                      |
| October 2022   | - Comparative study on fresh, mechanical, microstructures properties and corrosion resistance of self compacted concrete incorporating nanoparticles extracted from industrial wastes under various curing conditions | Journal of Building Engineering        | 104874, Volume 57, 1 October 2022,<br><a href="https://doi.org/10.1016/j.jobbe.2022.104874">https://doi.org/10.1016/j.jobbe.2022.104874</a>                                  |
| June 2022  | INFLUENCE OF NANO WASTE MATERIALS ON THE MECHANICAL PROPERTIES, MICROSTRUCTURE, AND CORROSION RESISTANCE OF SELF-COMPACTED CONCRETE, ,  | Case Studies in Construction Materials | VOLUME 16, E00859,Received 22 October 2021,Accepted 23 December 2021.<br><a href="https://doi.org/10.1016/j.cscm.2021.e00859">https://doi.org/10.1016/j.cscm.2021.e00859</a> |

| 8-2 Research Published in International Journals |  |  |   |
|--|--|--|---|
| Year   | Title  | Journal  | Volume/ Number/Pages  |
| May-2023   | Behaviour of Strengthened Columns with Basalt Fiber-Reinforced Polymers:Review   | International Journal of Engineering Research and Technology (IJERT) | Vol. 12 Issue 05, May-2023<br>ISSN: 2278-0181<br><a href="http://www.ijert.org">http://www.ijert.org</a><br><a href="https://www.ijert.org/category/volume-12-issue-05-may-2023">https://www.ijert.org/category/volume-12-issue-05-may-2023</a>     |
| March-2022                                       | Evaluation of the Fresh and Hardened Properties of Self Compacting Self Cured Concrete Using Waste Materials micro particles as a Cement Replacement Materials | International Journal of Engineering Research & Technology (IJERT)   | ISSN: 2278-0181, Vol. 11 Issue 03, March-2022<br><a href="http://www.ijert.org">http://www.ijert.org</a><br><a href="https://www.ijert.org/category/volume-11-issue-03-march-2022">https://www.ijert.org/category/volume-11-issue-03-march-2022</a> |
| January 2021                                     | Influence of Nano Particles in the Flexural Behaviour of high strength reinforced concrete beams   | Advanced Materials Research,   | 8985, Vol. 1160, pp 25-43<br>1662-8985, vol.1160, pp25-43,<br><a href="https://doi.org/10.4028/www.scientific.net/AMR.1160">https://doi.org/10.4028/www.scientific.net/AMR.1160</a>   |
| 8-3 Papers published in (Local Journal)          |  |  |   |
| Year   | Title  |  | Volume/ Number/Pages  |
| January 2019                                     | Theoretical Analysis of the behavior of high strength reinforced concrete beams under flexural   | Minia Journal of Engineering and Technology(MJET),                   | Vol.33, No.1,   |
| July, 2014                                       | Theoretical study of improving the ductility of high strength reinforced concrete beams under flexure”,  | The Faculty of Engineering, Minia University                         | Vol.33, , .   |
| July, 2014                                       | Design of high strength fiber reinforced concrete Section under flexural”,   | The Faculty of Engineering, Minia University,                        | Vol.33,   |
| July, 2012                                       | Behaviour of high strength concrete under flexure”   | The Faculty of Engineering, Minia University,                        | Vol.31, No.2  |

## 9- Social Activities & Interests

### Management and execution of projects.

- Supervision of the implementation of various projects as an Execution Engineer from 2003 to 2007, with a total of 70 projects (construction, maintenance, renovation, beautification).
- Supervision of the implementation of various projects as an Assistant Project Manager and Project Manager from 2007 to 2014, with a total of 78 projects (construction, maintenance, renovation, beautification).

### The Committee for Fall Hazard Structures

- Member of the Committee for Fall Hazard Structures from 2003 to 2010, and participated during this period in issuing 1,778 engineering decisions (renovation, complete demolition, partial demolition).
- Chairperson of the Committee for Fall Hazard Structures from 2010 to 2014, and participated during this period in issuing 446 engineering decisions (renovation, complete demolition, partial demolition).

Date: June. 2023

I confirm that the given information is true and correct

*Dr. Naglaa Glal Eldin Fahmy*

*Signature*

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