

Curriculum Vitae (CV)

Ramy Mostafa Mohamed Reda



Personal Information:

Academic Rank: Assistant Professor

Department: Civil Engineering

Specialization: Materials Engineering

Position: Assistant Professor of Civil Engineering at Higher Technological Institute

Google Scholar: <https://scholar.google.com/citations?hl=en&user=xPEqlj0AAAAJ>

Research Gate: <https://www.researchgate.net/profile/Rm-Reda>

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Education:

Degree	Discipline	Institution	Year
Ph.D.	Materials Engineering	Zagazig University	2016
M.Sc.	Structural Engineering	AL Azhar University	2011
B.Sc.	Civil Engineering	Higher Technological Institute 10 TH of Ramadan	2005

Academic Experience:

Institution:

Rank: Assistant Professor

Dates: 2016 present

Institution:

Rank: Research Assistant (PhD student)

Dates: 2011-2016

Institution:

Rank: Teaching Assistant

Dates: 2005-2011

Research interests:

- - Civil Engineering.
- - Materials Engineering.
- - Construction and Building Materials.

Publications:

- - **R.M. Reda**, A.M. Azmy, H.E.M. Sallam, and S.A. El Kholy, "Analysis of mixed mode fracture in concrete with waste materials", International Conference on Non-Conventional Materials and Technologies: Ecological Materials and Technologies for Sustainable Building, **IC-NOCMAT 2010, Cairo, Egypt, 21-23 September, 2010.**
- - **R.M. Reda**, A.M. Azmy, H.E.M. Sallam, and S.A. El Kholy, " Assessment of mode II fracture toughness of concrete containing waste materials", **ASJCE**, Faculty of Engineering, Ain Shams Univ., Cairo, ISSN 1687-8590, Vol. 3, **2010.**
- - **R.M. Reda**, I.A. Sharaky, M. Ghanem, M.H. Seleem, and H.E.M. Sallam, " Flexural behavior of RC beams strengthened by NSM GFRP Bars having different end conditions", **Composite Structures**, Vol. 147, pp 131-142, **2016.**
- - I.A. Sharaky, **R.M. Reda**, M. Ghanem, M.H. Seleem, and H.E.M. Sallam, "Experimental and numerical study of RC beams strengthened with bottom and side NSM GFRP bars having different end conditions", **Construction and Building Materials**, Vol. 149, pp 882–903, 15 September **2017.**
- - EL-Emam, H., El-Sisi, A., **Reda, R.M.**, Seleem, M.H. and Bneni, M., "Effect of concrete cover thickness and main reinforcement ratio on flexural behavior of RC beams strengthened by NSM-GFRP bars", **Frattura ed Integrità Strutturale**, 52, pp.197–210. DOI: 10.3221/IGF-ESIS.52.16, **2020.**
- - **Ramy Reda**, Zeinab Omar, Hossam Sallam, Seleem S. E. Ahmad, " Effect of different parameters controlling the flexural behavior of RC beams strengthened with NSM using nonlinear finite element analysis ", **Frattura ed Integrità Strutturale**, 53, 106-123; DOI: 10.3221/IGF-ESIS.53.09, **2020.**



Certifications or Professional Registrations:

Honors and Awards:

- - **B.Sc. in Civil Engineering**, Civil Engineering Department, Faculty of Engineering, Higher Technological Institute, **August 2005**.
- - **M.Sc. in Civil Engineering**, Structural Department, Faculty of Engineering, Al-Azhar University, **August 2011**.
- - **Ph.D. in Civil Engineering**, Materials Department, Faculty of Engineering, Zagazig University, **October 2016**.
- - National Authority for Quality Assurance and Accreditation of Education “NAQAAE” /Description of programs and courses for faculties and institutes of higher education.
- - National Authority for Quality Assurance and Accreditation of Education “NAQAAE” / Teaching strategies for faculties and institutes of higher education.
- - National Authority for Quality Assurance and Accreditation of Education “NAQAAE” /Exam systems and evaluation of learning outcomes for faculties and institutes of higher education.

Teaching Experience:

Courses taught

- - Properties and testing of materials I
- - Properties and testing of materials II
- - Properties and testing of materials III
- - Principles of Construction and Building Engineering
- - Civil Engineering Drawing 1
- - Surveying I
- Surveying II
- - Surveying III
- - Solid mechanics
- - Quality Control of Construction Materials