1. **Name:** Dr. Md. Alhaz Uddin
2. **Education:**

Degree	Discipline	Institution	Year
PhD	Structural Engineering	The University of Adelaide, Australia	2017
M.EngSc	Structural Engineering and Materials	University of Malaya, Malaysia	2013
B.Sc.Engg	Civil Engineering	Khulna University of Engineering & Technology (KUET), Bangladesh	2007

3. **Academic experience – institution, rank, title (chair, coordinator, etc. if appropriate), when (ex. 2002-2007), full time or part time**

Institution	Rank	Dates Held	FT/PT
Al Jouf University, Saudi Arabia	Assistant Professor	Aug, 2018– Present	FT
The University of Adelaide, Australia	Academic Tutor	2014 –2015	PT
University of Malaya, Malaysia	Teaching Assistant	2011– 2012	PT

4. **Non-academic experience – company or entity, title, brief description of position, when (ex. 2008-2012), full time or part time:**

Organization	Title	Duties	Dates Held	FT/PT
Hankuk Engineering Consultants, Bangladesh	Senior Supervision Engineer	Checking designs as per standards and contract documents	2017- July, 2018	FT
University of Malaya, Malaysia	Research Assistant	Data collection and analysis	2011 – 2012	FT
Tarique Hasan & Associate Limited, Bangladesh	Structural Design Engineer	Structural analysis & design of R.C building	2007 – 2010	FT

5. **Certifications or professional registrations:**
   Professional Civil Engineer, Engineers Australia

6. **Current membership in professional organizations**
   - The Institution of Engineers, Bangladesh;
   - American Society of Civil Engineers;
   - Engineers Australia.

7. **Honors and awards**
   a) Dean's Commendation for Doctoral Thesis Excellence from the University of Adelaide, Australia, 2017.

   b) Adelaide International Scholarship during PhD in Engineering at the University of Adelaide, Australia, 2013-2016.

c) Research Grant during Master of Engineering Science at the University of Malaya, Malaysia, 2011-2012.

d) KUET Merit Scholarship throughout the 4 Year's study of B.Sc Engineering in Khulna University of Engineering & Technology, Bangladesh, 2003-2007.

e) Home District Award and Scholarship at the period of Higher Secondary Certificate Level, Bangladesh Government, Bangladesh, 2004-2005.

f) Home District Award and Scholarship at the period of Secondary School Certificate Level, Bangladesh Government, Bangladesh, 2000.

8. Service activities (within and outside of the institution):

Reviewer for the following journals:

i. Scientific Research and Essays (SRE)
ii. International Journal of the Physical Sciences (IJPS)
iii. International Journal of Green Energy (IJGE)
iv. Revista de la Construcción. Journal of Construction
v. Journal of Advanced Civil Engineering Practice and Research
vi. Case Studies in Construction Materials
vii. Processes, MDPI

9. Briefly list the most important publications and presentations from the past five years – title, co-authors if any, where published and/or presented, date of publication or presentation

Journals:

1. Md. Alhaz Uddin, Sk. Yasir Arafat Siddiki, Shams Forruque Ahmed, Zahidul Islam Rony, M. A. K. Chowdhury and M. Mofijur. Estimation of Sustainable Bioenergy Production from Olive Mill Solid Waste. Energies 2021, 14, 7654. (**ISI, Impact Factor: 3.004**)

2. A. M. Yosri, Gouda M. Ghanem, Mohamed A. E. Salama, Majed Alzara, Mohamed A. Farouk, Md. Alhaz Uddin, Mohamed AbdelMongy, A. Ehab, "Behavior of Hybrid CFRP Laminated Thin-Walled Beams: Experimental, Numerical, and Analytical Evaluations", Advances in Civil Engineering, vol. 2021, Article ID 5564653, 12 pages, 2021. (**ISI, Impact Factor: 1.176**)

3. S.F. Ahmed, M. Mofijur, Samiha Nuzhat, Anika Tasnim Chowdhury, Nazifa Rafa, Md. Alhaz Uddin, Abrar Inayat, T.M.I. Mahlia, Hwai Chyuan Ong (2021). Recent developments in physical, biological, chemical, and hybrid treatment techniques for removing emerging contaminants from wastewater. Journal of Hazardous Materials. 125912 (**ISI, Impact Factor: 9.038**)

4. M.Mofijur, I.M. Rizwanul Fattah, Md Asraful Alam, A.B.M. SaifulIslam, Hwai Chyuan Ong, S.M. Ashrafur Rahman, G.Najafi, S.F.Ahmed, Md. Alhaz Uddin, T.M.I.Mahlia (2021). Impact of COVID-19 on the social, economic, environmental and energy domains: Lessons learnt from a global pandemic. *Sustainable Production and Consumption* (Elsevier), Vol. 26, Pp. 343-359. (**ISI, Impact Factor: 3.660**)

5. Mohammad Asaduzzaman Chowdhury, Md Bengir Ahmed Shuvho, Md Abdus Shahid, A.K.M. Monjurul Haque, Mohammod Abul Kashem, Su Shiung Lame Hwai ChyuanOng, **Md Alhaz Uddin**, M. Mofijur (2021). Prospect of biobased antiviral face mask to limit the coronavirus outbreak. *Environmental Research*, Vol. 192, 110294. (**ISI, Impact Factor: 5.715**)

6. M. Mofijur, I.M. Rizwanul Fattah A.B.M. Saiful Islam, M.N. Uddin, S.M. Ashrafur Rahman, M.A. Chowdhury, Md Asraful Alam, and **Md. Alhaz Uddin** (2020). Relationship between

Weather Variables and New Daily COVID-19 Cases in Dhaka, Bangladesh. *Sustainability* **2020**, *12*, 8319. (**ISI, Impact Factor: 2.576**)

7. **Md. Alhaz Uddin,** (2020). Energy dissipation-based arc-length method for nonlinear response prediction. *Journal of Advanced Civil Engineering Practice and Research,* Vol. 11, Pp.-1.

8. **Md. Alhaz Uddin**, Majed Abdulrahman Alzara, Noor Mohammad and Ahmed Yosri (2020). Convergence studies of finite element model for analysis of steel-concrete composite beam using a higher-order beam theory, *Structures*, Vol 27, pp 2025-2033. (**ISI, Impact Factor: 1.839**)

9. **Md. Alhaz Uddin**, Abdul Hamid Sheikh, David Brown, Terry Bennett, Brian Uy (2018). Geometrically nonlinear inelastic analysis of steel-concrete composite beams with partial interaction using a higher-order beam theory. *International Journal of Non-linear Mechanics*. (Elsevier), vol. 100. Pp. 34–47. (Impact Factor: 2.313).

10. Jie Wen, Abdul Hamid Sheikh, **Md. Alhaz Uddin**, Brian Uy (2018). Analytical model for flexural response of two-layered composite beams with interfacial shear slip using a higher order beam theory. *Composite Structures* (Elsevier), vol. 184. pp. 789 – 799. (Impact Factor: 5.138)

11. **Md. Alhaz Uddin**, Abdul Hamid Sheikh, David Brown, Terry Bennett, Brian Uy (2017). A higher order model for inelastic response of composite beams with interfacial slip using a dissipation based arc-length method. *Engineering structures* (Elsevier). vol. 139. pp. 120 – 134. (Impact Factor: 3.548)

12. **Md. Alhaz Uddin**, Abdul Hamid Sheikh, Terry Bennett, Brian Uy (2017). Large deformation analysis of two layered composite beams with partial shear interaction using a higher order beam theory. *International Journal of Mechanical Sciences* (Elsevier), vol. 122. pp. 331 – 340. (Impact Factor: 4.631)

Conferences:

1. **Md. Alhaz Uddin,** Md. Arifuzzaman, Muhammad Tariq Bashir and Ismail Saifullah (2021). An Improved Inelastic Nonlinear Modelling of Steel-concrete Composite Beams based on a Higher-order Beam Theory**.** 4th Smart Cities Symposium (SCS, 21), at Bahrain University, Bahrain, on 21-23 Nov, 2021.

2. Abdul Hamid Sheikh, **Md. Alhaz Uddin,** Brian Uy (2018). Nonlinear inelastic large deformation analysis of steel-concrete composite beam using a higher-order beam theory. 13th *International Conference on Steel, Space and Composite Structures*, Perth, Australia, 31 January – 2 February 2018.

3. Abdul Hamid Sheikh, **Md. Alhaz Uddin**, Jie Wen (2016). Inelastic analysis of steel concrete composite beams based on a higher order beam theory. 24th *Australasian Conference on the Mechanics of Structures and Materials* (ACMSM24), Perth, Australia, 6-9 December 2016, pp. 337-342.

4. Abdul Hamid Sheikh, Jie Wen, **Md. Alhaz Uddin** (2016)**.** Modelling of steel-concrete composite beams based on a higher order beam theory. *EASEC-14*, Ho Chi Minh City, Vietnam, 6-8 January 2016, pp. 1064-1070.

5. **Briefly list the most recent professional development activities:**

Workshop, Assessment of learning Outcomes, JU, 2018