

# Online Lecture Series

Presented by

**Professor Dr. Rafiqul Gani**

Holder of 3<sup>rd</sup> M A Naser Chair

CEO, PSE for SPEED Company

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**Short bio-data:** Dr. Rafiqul Gani retired at the end of 2017 as professor of systems design at the Department of Chemical & Biochemical Engineering, The Technical University of Denmark and the former head and co-founder of the Computer Aided Process Engineering Center (CAPEC). He has published 507 peer-reviewed journals-proceedings articles plus book chapters and delivered over 360 lectures, seminars and plenary/keynote lectures at international conferences, institutions and companies all over the world. Professor Gani is the ex-president of the EFCE (European Federation of Chemical Engineering, 2014-2017); He was awarded the AIChE (CAST Division) Computers in Chemical Engineering 2015 award in November 2015 and the EFCE Jacques Villiermaux Medal in 2019. Dr. Gani is the co-founder and CEO of the company "PSE for SPEED" providing innovative, accurate and consistent engineering solutions very fast to industrial clients. He is also a Distinguished (visiting) Professor at Zhejiang University, Tsinghua University in China and Texas A&M University in USA. His current research interests continue with the development and application of computer aided methods and tools for modelling, property estimation, process-product synthesis & design, and process-tools integration with emphasis on energy, sustainability and application of a systems approach.

25 July  
2020

• **Webinar with Faculty Members of Universities**  
*"Sustainability in the water-energy-food nexus: The role of engineers/chemical engineers"* @ 3:30 pm

22 Aug  
2020

• **Webinar with Under Graduate Students of Chemical Engineering**  
*"Understanding process system engineering and its applications"* @ 3:30 pm

26 Sept  
2020

• **Webinar with Post Graduate Students of Chemical Engineering**  
*"Current and upcoming research in the field of process system engineering"* @ 3:30 pm

24 Oct  
2020

• **Webinar/discussion with Industry Personnel and University Faculty Members**  
*"Industry-Academia Collaboration - What is an Appropriate Model?"* @ 3:30 pm

Organized by  
**Department of Chemical Engineering**  
**Bangladesh University of Engineering and**  
**Technology, Dhaka, Bangladesh**



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**Professor Dr. Rafiqul Gani**

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25 July 2020  
Saturday  
@ 3:30 pm

• **Webinar with Faculty Members of Universities**

*"Sustainability in the water-energy-food nexus: The role of engineers/chemical engineers"*

3:30-3:40 pm Introduction and Orientation  
4:40-5:00 pm Discussion

3:40-4:40 pm Lecture  
5:00 pm Closing Remarks

• Last Date of Registration 16 July 2020

22 Aug 2020  
Saturday  
@ 3:30 pm

• **Webinar with Under Graduate Students of Chemical Engineering**

*"Understanding process system engineering and its applications"*

3:30-3:40 pm Introduction and Orientation  
4:40-5:00 pm Discussion

3:40-4:40 pm Lecture  
5:00 pm Closing Remarks

• Last Date of Registration 13 August 2020

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Saturday  
@ 3:30 pm

• **Webinar with Post Graduate Students of Chemical Engineering**

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*"Industry-Academia Collaboration - What is an Appropriate Model?"*

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5:00 pm Closing Remarks

• Last Date of Registration 15 October 2020

Organized by  
Department of Chemical Engineering  
Bangladesh University of Engineering and Technology, Dhaka, Bangladesh

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