

CURRICULUM VITAE

Jhutan Chandra Kuri

Assistant Professor, Department of Civil Engineering
Chittagong University of Engineering and Technology (CUET)

CONTACT INFORMATION

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PROFESSIONAL EXPERIENCE

ACADEMIC APPOINTMENTS

Position: Assistant Professor

Department: Department of Civil Engineering

Institution: Chittagong university of Engineering and Technology, Chittagong,
Bangladesh

Period of Service: 02-2016 to Present

Position: Lecturer

Department: Department of Civil Engineering

Institution: Chittagong university of Engineering and Technology, Chittagong,
Bangladesh

Period of Service: 09-2010 to 02-2016

CONSULTANCY

Position: Consultant

Company: Bureau of Research, Testing and Consultancy (BRTC), Department of
Civil Engineering, CUET

Period of Service: 02-2016 to Present

EDUCATION

Institute: Hokkaido University, Japan

Degree: Master of Engineering (Structural Engineering)

Thesis Title: Application of Non-destructive Integrated CT-XRD Method to the Study of Leaching of Cementitious Materials

Year of Passing: September, 2015

Institute: Chittagong University of Engineering and Technology (CUET), Bangladesh

Degree: B.Sc. in Civil Engineering

GPA: 3.67 out of 4.00

Merit Position: 2nd out of 110

Year of Passing: July, 2010

HONORS AND AWARDS

Best Young Researcher Award, International Conference on the Regeneration and Conservation of Concrete Structures (RCCS), Nagasaki, Japan, June 1st – 3rd, 2015

Japan Government Scholarship (MEXT: MONBUKAGAKUSHO), 10-2013 to 09-2015

Engr. Khurshid Anwar Memorial Award, 2010

Scholastic Achievement Award-2009, Metropole Scholarship

Bangladesh Technical Board Scholarship (2006-2010)

Board Scholarship for Secondary School Certificate Examination Result (2003-2005)

Junior Scholarship (Talentful), (2000-2003)

FIELD OF MAJOR SCIENTIFIC RESEARCH INTEREST

Microstructure of Concrete

Concrete Durability

Non-destructive Testing

EDUCATION

THEORY COURSES TAUGHT

CE-203 Engineering Materials

CE-211 Structure I: Mechanics

CE-223 Building Services I: Plumbing

CE-315 Design of Concrete Structure-I

CE-329 Elements of Civil Engineering Structures

SESSIONAL COURSES TAUGHT

CE-100 Civil Engineering Drawing

CE-200 Details of Construction and Estimating

CE-318 Structural Analysis and Design-II

CE-352 Environmental Engineering

LIST OF PUBLICATIONS

JOURNAL

Takafumi Sugiyama and **Jhutan Chandra Kuri**, “Investigation on Alteration of Hardened Cement Material due to Elevated Temperature by Non-Destructive Integrated CT-XRD Method”, *Spring-8/SACLA Research Report*, Vol.5, No.1, 100-104, 2017(in Japanese). (DOI: 10.18957/rr.5.1.100).

Jhutan Chandra Kuri, “Leaching of Cementitious Materials: A Review”, *Asian Transactions on Engineering*, Vol.5, Issue5, 2015 (ATE ISSN: 2221-4267).

Md. Refat Ahmed Bhuiyan and **Jhutan Chandra Kuri**, “Life Cycle Optimization of a Light Weight Steel Building: Effect of Different Insulating Layers, Glazing Type and Window Shading”, *International Journal of Science, Environment and Technology*, Vol.3, No.6, 2058-2068, 2014 (ISSN 2278-3687 (O)).

CONFERENCE PROCEEDINGS

Jhutan Chandra Kuri, Takafumi Sugiyama, Takashi Hitomi and Kentaro Kajiwara, “Investigation on Cracked Cement Paste Subjected to Water Flow by Non-destructive Integrated CT-XRD Method”, *International Conference on the Regeneration and Conservation of Concrete Structures (RCCS)*, Nagasaki, Japan, FF0103, June 1st -3rd, 2015.

Jhutan Chandra Kuri, Idrees Zafar and Takafumi Sugiyama, “Application of X-ray CT to the Observation of Cracking in a Corroded RC Bridge Slab”, *2nd International Conference on Tomography of Materials and Structures (ICTMS 2015)*, Quebec, Canada, Paper ID: 051, June 29th - July 3rd, 2015.

Jhutan Chandra Kuri and Takafumi Sugiyama, “Investigation on the Effect of Water Flow on Cement Paste Microstructure Using Non-destructive Integrated CT-XRD Method”, *Proceedings of the JSCE Seventeenth International Summer Symposium*, Okayama University, Japan, CS2-038, 75-76, September 16th – 18th, 2015.

Reiko Kikuchi, **Jhutan Kuri** and Takafumi Sugiyama, “Study of Leaching Phenomenon of Cracked Cement Paste Subjected to Water Flow by Non-destructive Integrated CT-XRD”, *The 69th Annual Meeting of Cement and Concrete Engineering*, Japan, 2015 (in Japanese).

Sultan Mohammad Farooq, **Jhutan Chandra Kuri**, M.M. Arefin and M.A.U. Sojib, “Ground Improvement Using Lime”, *Proceedings of 1st International Conference on Advances in Civil Engineering (ICACE)*, Chittagong University of Engineering & Technology, Chittagong, Bangladesh, AGE-016, December 12th – 14th, 2012.