


Curriculum Vitae of Muhammed Alamgir

Ph.D., Post Doc.

Geotechnical & Geoenvironmental Engg, Solid Waste and Faecal Sludge Management Specialist

at a glance

1.	Family name	ALAMGIR	
2.	First name	Muhammed	
3.	Date of birth	16.06.1963	
4.	Nationality	Bangladeshi	
5.	Civil status	Married	
6.	Last Degree	Ph.D., Post Doctoral Fellowship	
7.	Present Position	Professor , Department of Civil Engineering, Khulna University of Engineering and Technology (KUET), Bangladesh	
8.	Additional Position	Vice-Chancellor , Khulna University of Engineering and Technology (KUET) Guest Editor , Intl. J. of Integr. Waste Management, Sc. & Tech.(WM), IWWG Editor-in-Chief , Journal of Engineering Science (ISSN # 2075-4914). Chairman , Organizing Committee, 6 th Intl. Conf. on SWM - WasteSafe 2019	
9.	Research Interest	Solid Waste Management & Geoenvironmental Engineering, Sanitary Landfill, Composting, Soft Soil Characterization, Ground Improvement, Foundation in Soft Soil, Sub-soil Exploration, Faecal Sludge & Climate change issues.	
10.	Experiences	More than 30 yrs. experience (since September 1986) in Teaching, Research, and project coordination funded by Local and Foreign agencies, e.g. European Commission. Worked as National Specialist in Solid Waste Management project of ADB in 2009 & 2010, and presently involved as core group member of FSM project (2014 to 2017) funded by BMGF and DFID.	
11.	Projects	Successfully completed one project of the Govt. of Bangladesh and Four European Commission's projects and currently coordinating a DAAD project.	
12.	Experiences in Foreign Countries	Visit several times (long/short stay) in 25 (twenty five) countries of Asia, Europe, America, Australia & Africa for study/research/professional purposes.	
13.	Publication	Published 220 (Two Hundred & Twenty) technical papers in Journal/Seminar/Conference Proceedings. Edited/contributed in 2 Books and 5 Seminar Proceedings, 2 regional and 1 national workshop handouts and 5 International Conference Proceedings.	
14.	Member of the Professional Body	Life Fellow, Institute of Engineers Bangladesh (IEB), and Life Member, Bangladesh Association Advancement Sciences (BAAS) Former Member, ASCE, JSGE	
15.	Address of Residence	Vice-Chancellor's Residence, KUET Campus R/A, Khulna University of Engineering & Technology (KUET), Khulna 9203, Bangladesh.	
16.	Communication	E-mail: alamgir@ce.kuet.ac.bd, alamgir63dr@yahoo.com, Fax: +880-41-774403, Tel:+880-41-774584, Website: www.kuet.ac.bd, www.wastesafe.info.	

Curriculum Vitae of Professor Dr. Muhammed Alamgir

In Details

Education / Professional studies

	Dates (from-to)	Institution	Degree/diploma/certificate
1.	1968-1972	Rahimanagar Primary School, Chandpur	-----
2.	1973-1978	Rahimanagar High School, Chandpur	S.S.C. (Science)
3.	1978-1980	Dhaka Government College, Dhaka	H.S.C. (Science)
4.	1981 - 1986	Bangladesh University of Engineering & Technology (BUET), Dhaka, Bangladesh	B.Sc. Engg. (Civil Engineering)
5.	1986 - 1989	BUET, Dhaka, Bangladesh	M.Sc. Engg. (Geotechnical Engg.)
6.	1992 - 1996	Saga University, Saga, Japan	Ph.D. (Geotechnical Engg.)
7.	1996 - 1998	Saga University, Saga, Japan	JSPS Post Doctoral Research (Geotechnical Engineering)

Membership of professional bodies

8	Fellow of Institute of Engineers Bangladesh (IEB) Life Member of Bangladesh Association of Advancement of Sciences (BAAS) Former Member, ASCE, JSGE
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Other Skills

Former Dean, Faculty of Civil Engineering, KUET (2007-2009)
Former Head, Department of Civil Engineering, KUET (2000, 2003-2005, 2007)
Former Provost, Khan Jahan Ali and Rokey Hall, KUET (1998-2000, 2001-2003, 2005-2007)
Former Elected Member, University Syndicate, KUET (2006-2008)
Founder Moderator, KUET Debating Society, KUET, Bangladesh (since 2002)
Former President, Teacher Association, KUET (2002, 2006 and 2007)
Former Member of EC, Japanese Universities Alumni Association Bangladesh

Name of organisation currently working for and Present position in the organisation	Name of Organisation: Khulna University of Engineering & Technology (KUET), Bangladesh Professor, Department of Civil Engineering (since May 2002) & Vice-Chancellor (Since 21 July 2010) &
Years with the organisation	>30 years (since September 1986)

Key Qualifications

1.	Core Group Member	Bill & Melinda Gates Foundation and DFID financed project in Khulna, Jhenaidah, Kushtia entitled as "Demonstration of pro-poor market-based solutions for fecal sludge management in urban centers of Southern Bangladesh" for 4 years (2014-2017) jointly conducted by KCC, KWASA, KU, KUET, WaterAid and SNV.
2.	Team Leader of the Partner- KUET	German Education Exchange Service (DAAD) financed (Jan. 2012 to Dec. 2015) project entitled as Creating the South-East Asian education Network for Environmental Engineering: SEAN-DEE. Jointly conducted by University of Kassel-Germany, CUET, KUET & SUST of Bangladesh, Tribhuvan Univ., Nepal and NIE, India. KUET ended it on March 2013.
3.	Team Leader of Partner #10 (KUET)	Seventh Framework Programme of European Commission, No. 211873 (ISSOWAMA) CSA-CA entitled "Integrated Sustainable Solid Waste Management in Asia", for the period of 30 months (January 2009 to June 2011. Verein zur Förderung des Technologie transfers an der Hochschule Bremerhaven e. V., Germany is the Leader. KUET is the Partner #10.

4.	National Consultant	National Consultant of Solid Waste and Coordinating the works related Drainage Problems for a mid-term prioritized investment project for Khulna city of Bangladesh, two projects supported by Asian Development Bank (ADB) During the period of Jan to May 2009 and February to August 2010.
5.	Project Co-ordinator	Asia-Pro-Eco Project No. ASIE/2006/122-432 entitled as “Safe and Sustainable Management of Municipal Solid Waste in Bangladesh through the Practical Application of WasteSafe Proposal (WasteSafe-II)”, co-financed by Asia Pro Eco Programme- Phase II of the European Commission during the period of January 2007 to December 2009 (36 months). KUET, Bangladesh is the Leader.
6.	Project Co-ordinator	Asia-Pro-Eco Project No. ASI/B7-301/2598/16-2004/79010 entitled as “Integrated Management and Safe Disposal of Municipal Solid Wastes in Least Developed Asian Countries (WasteSafe)”, co-financed by Asia Pro Eco Programme of the European Commission during the period of April 2004 to April 2005 (12 months). KUET, Bangladesh was the Leader.
7.	Team Leader of Asian Partner	Asia-Link Project No. ASI/B7-301/98/679-12 entitled “Geoenvironmental Engineering Curriculum Development for the South and Southeast Asian Region”, co-financed by European Commission’s Asia Link Programme during the period of September 2002 to September 2005 (36 months). AIT, Thailand is the Leader. KUET is the Asia Partner.
8.	Project Co-ordinator	National Science & Technology Project No. 30 entitled “Investigation of the Performance of Granular Columns in Improving Soft Ground of Bangladesh”, financed by the Government of Bangladesh at KUET, Bangladesh. 1998-99.
9.	Senior Fellow	National Science & Technology Fellowship No. 34 entitled “Theoretical & Experimental Investigation to establish a ground Improvement Technique Suitable for the Soft Soil Regions of Bangladesh”, financed by the Government of Bangladesh at KUET, Khulna. 1989-99-2000.
10.	Post Doctoral Fellow	Japan Society for the Promotion of Science Fellowship No. P 96304 entitled “Development of Design Method for the Foundation System in Soft Soil Regions”, financed by Japanese Government through JSPS at saga University, Japan. 1996-1998.
11.	Best Paper Award	In SARDINIA 2011 Intl. Conf on Waste Management at Cagliari, Italy, Prof. Alamgir received the Best Paper award in landfill category for the paper "Evaluation of contamination potential of sanitary landfill lysimeter using leachate pollution index". More than 800 papers were published in the conference, while 750 people from 63 countries were attended.

Experience in professional activities

	Country	Date	Details
1.	Bangladesh	Since 1986	<p>In Bangladesh, performing teaching, supervising undergraduate and postgraduate students, actively engaged course & curriculum, laboratory & staff development in at KUET since 1986. Also performing theoretical and field research works, material testing, design, consultancy and related works in and outside of KUET for the last more than 22 years. In the same Institute, successfully supervised 11 Masters Students and presently guiding 5 Masters’ and 2 Ph.D. students. Organized 17 Short Seminar during 2003 to 2005 in the Department of Civil Engineering, KUET.</p> <p>In Bangladesh, received a research and development project on ground improvement technique in 1999-2000 financed by the Science & Technology, Government of Bangladesh. Also awarded National Science & Technology Senior Fellowship for the two consecutive years.</p>

Cooperating in ASIALINK funded 36 month project entitled 1999 and 2000 to do research on ground improvement technique. As “Geoenvironmental Engineering Curriculum Development for the South and Southeast Asian Region”, 2002-2005, as a Team Leader of the Asian Partner along with AIT, Thailand and three different European Universities from Germany and Austria. Successfully organized a two days Seminar and Workshop on Geoenvironmental Engineering at the Department of Civil Engineering, KUET and delivered two lectures.

Coordinated a 12 month feasibility study project entitled as “Integrated management and safe disposal of municipal solid wastes in least developed Asian countries” co-financed by European Union’s Asia Pro Eco Programme with the partners of Thailand, Nepal, Germany and UK. Visited the six city corporations of Bangladesh, different NGOs and Private sectors working on MSW management to get field experiences on MSW management and ultimate disposal situation. Discussed the matter with the concerned stakeholders including the Hon’ble City Mayors. Organized a day long seminar ‘WasteSafe Stakeholders Dialogue on the MSW management and Safe Disposal’ at Dhaka, in the month of March 2005.

Coordinating a 36 months (2007 to 2009) partnership project entitled as “Safe and Sustainable Management of Municipal Solid Waste in Bangladesh through the Practical Application of WasteSafe Proposal” co-financed by European Union’s Asia Pro Eco II Programme with the partners of Thailand, Germany and Poland. Recently (18 to 20 Feb 2007) coordinated the Kick-off meetings with different stakeholders and Seminar on MSW management. Organized National Seminar on Solid Waste Management in 9-10 Feb 2008 and Stakeholders’ Dialogue on July 2007, November 2007 and July 2008. Successfully organized Day-long Awareness Campaign on MSW management in Khulna City in January 05 2008 and 22 Nov. 2008, Organized and delivered lecture in a whole day workshops on MSW management in six major cities of Bangladesh during the period of 28 Jan. to 07 Feb 2009.

Successfully organized an International Conference on Solid Waste Management: Technical, Environmental and Socio-economical Contexts – WasteSafe 2009, at Khulna on 9-10 November 2009. Organized the regional workshop on Innovations for Scaling up Organic Waste Management in South Asia, at Dhaka on 2nd August 2010, sponsored by Asian Development Bank (ADB). Jointly organized a day long regional workshop on Integrated Sustainable Solid Waste Management in Asia, at Dhaka on 9th October 2010, supported by ISSOWAMA, EU Project. As a chairman, successfully organized the 2nd, 3rd and 4th International Conference on Solid Waste Management in Developing Countries – WasteSafe 2011, 2013 & 2015 at Khulna on 13-15 Feb. 2011, 10-12 Feb. 2013 and 15-17 Feb. 2015, respectively.

2. India

1991,
2004,
2011,
2014
&
2016

In India, successfully completed a week long training programme on qualitative methods in construction management in the year of 1991 sponsored by UNESCO and organised by Indian Institute of Technology (IIT), Delhi. Visited Chennai, India in 2004 as the project coordinator of a 11 member team to see the initiatives of EXNORA in Municipal Solid Waste Management. Attended in the Final Meeting of ISSOWAMA held in New Delhi and visited different waste management facilities during the period of 7-9 June 2011 and contributed to make decision on the future plan of action to complete the project. Participated in the ‘Reinvent – The Toilet Fair: India 2014’ to be held in in Taj Palace Hotel, New Delhi. India during the period of 20-22 March 2014 organized by Bill & Melinda Gates Foundation and DBT, India. In 22-26 Nov. 2016, visited Santiniketan, Visva-Barati University, India to deliver lecture on Soil Waste Management and also presented technical papers at the 6th IconSWM Intl. Conf. at Jadavpur University, Kolkata, India.

3.	Japan	1992 to 1998	In Japan, during the period of 1992 to 1998, performed Post-graduate and Post Doctoral research works, conducted graduate level lecture, supervising undergraduate and post graduate students, developed model for solving geotechnical engineering problems, arranged International seminar and presented technical papers in several national and International seminars at the different cities.
4.	South Korea	1996	In South Korea, presented technical papers in the International Seminar on computational mechanics at Seoul and also visited Yeungnam University as a Guest Lecturer in the month of September in 1996.
5.	Macau	1997	In Macau, presented technical papers in the International Seminar on ground improvement technique in the year of 1997.
6.	Thailand	1997, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2014 & 2015	Delivered lecture on ground improvement technique in a short course at the School of Civil Engineering, Asian Institute of Technology (AIT), Thailand, in 1997. Participate Kick-off meeting of Asia-Link Programme's Project on Geoenvironmental Engineering as a Team Leader of Asian partner in 2002 and 2003 for the same project activities. Lead the group for expert exchange as the Coordinator of a project of Asia Pro Eco Programme in August 2004. As an invited speaker, delivered presentation at the Asia-Link Forum & European Higher Education Fair at Bangkok in November 2004. In the month of September 2005 attended in the final academic meeting of Asia-Link Programme of EC at AIT, Thailand for 5 days and the research works on Geoenvironmental Engineering. As an invited resource person participated in the discussion at the Asia Pro Eco Network Meeting organised by European Union at Bangkok in April 2006. Presented papers in the International Conference on Geotechnical Engineering and coordinated the activities of WasteSafe II project at AIT, Thailand (EU-Asia Pro Eco II Programme) during the period of 1 to 7 December 2007. Coordinated the activities of WasteSafe II project of EU-Asia Pro Eco II Programme of EC at AIT, Thailand and presented report and outcome of various project activities in the Seminar during the period of 8-10 July, 2008. Attended in the Kick-off Meeting of ISSOWAMA held in Bangkok during the period of 10-14 February 2009 and contributed to make decision on the future plan of action of the project. In July 6-7, 2009, participated in joint student seminar at AIT, Thailand as the co-organizer and the invited speaker, in which student and teachers from four different countries (Bangladesh, Thailand, Korea and Japan) were participated. Participated in the Technical visit on water supply in Bangkok by Water Authority of Thailand held in Bangkok during the period of 23-26 October 2014 organized by KWASA and supported by ADB. Participated in a 5 day (3-7 August 2015) Study tour and Training program on FSM at Bangkok organized by AIT-ADB and supported by SNV Bangladesh.
7.	Nepal	2004, 2008	Conducted group meeting, expert exchange programme and delivered lectures. Also chaired the session at a Seminar & Workshop of "Integrated management of municipal solid wastes" in the month of October-November 2004. Lead a 15 member's team to visit the various facilities of municipal solid wastes management at in and around Kathmandu city of Nepal, such as recycling, composting, transport of wastes and ultimate disposal. Also visit the under-construction sites for transfer station and sanitary landfill. Presented a Keynote paper at the workshop on Municipal solid waste management: prospects for innovative options and financing CDM Projects organized Nepal Development Research Institute (NDRI) at Kathmandu on 13-16 January 2008 and took part in the plenary sessions.
8.	Sri Lanka	2005, 2014 &	Delivered two lectures on MSW management, present scenario of ultimate disposal sites of MSW and Geoenvironmental Engineering problems in Bangladesh at a Seminar on "Geoenvironmental Engineering and Post

		2015	Tsunami Related Issues“ jointly organized by AIT, Thailand and University of Mortuwa, Sri Lanka on 10-11 May 2005. Also visited the 26 December Tsunami affected coastal areas to get field experiences on structural damages, sanitation problems and disaster management. The activities are the part of EU’s Asia-Link project on Geoenvironmental engineering curriculum development for south and southeast Asian Region. Attended in the Communication Policy Research South Workshop on “Building capacity for policy reforms in Solid Waste Management: Role of regional networks” at Kandalama, Sri Lanka, May 16-18, 2014. Also participated in the project planning meeting on “Challenges of MSW management: learning from recent governance experiments in South Asia.” at Colombo, Sri Lanka, Sept. 19-20, 2015, financed by SADC & SNSF.
9.	Maldives	2005	Delivered two lectures on MSW management, present scenario of ultimate disposal sites of MSW and Geoenvironmental Engineering problems in Bangladesh at a Seminar on “Geoenvironmental Engineering and Post Tsunami Related Issues“ jointly organized by AIT, Thailand, Theorem International and Fali International, Maldives on 15-16 May 2005. Visited the Transfer station of MSW at Male, newly reclaimed island, Hulhumale, near Airport and the ultimate disposal site of MSW at Thilafushi Island. The activities are the part of EU’s Asia-Link project on Geoenvironmental engineering curriculum development.
10.	Germany	2003, 2004, 2005, 2007, 2008, 2010 & 2011	Stay 2 months at Karlsruhe University as a part of shared lecture activities of a project of Asia-Link programme in the year of 2003. Also visited Earlengen-Nuremberg University. In 2004 led a team for 5 days to visit Karlsruhe and other cities to see the various facilities and system for an integrated management of municipal solid wastes such as sorting, recycling, composting, collection & transport of wastes, leachate treatment, gas collection and sanitary landfills as part of a project co-financed by EU’s Asia Pro Eco Programme. Also visited a company working on sanitary landfill construction and management. The visit also included the deliberation of lectures at the Department of Applied Geology on Karlsruhe University on the present status of MSW management at Bangladesh. Discussion also made with the city officials about their approach on MSW management. Again, in 2005 visited Department of Waste Management, Bauhaus University Weimar for 5 days for joint research under the Asia Link Programme of European Commission. Coordinated the activities of WasteSafe II project at Bauhaus University Weimar, Germany (EU-Asia Pro Eco II Programme) and presented papers in the Seminar during the period of 27 to 31 October 2007. Worked on the ongoing activities of WasteSafe II project at Bauhaus University Weimar, Germany 6-12 October 2008 and presented technical papers in Technical University Darmstadt, Germany on 17 th October 2008 as a Guest Professor. Visited Bauhaus University Weimar during 21 to 27 June 2010 as invited by BUW to conduct collaborative research works with the Waste Management group. Visited BUW and TUD during the period of 23-27 June 2011 to attend in a Scientific Workshop at BUW and visited TUD to see the laboratory facilities and future collaboration with KUET.
11.	Austria	2003	Visited Vienna Technical University and discussed with the counterpart as a part of activities of a project of Asia-Link programme on Curriculum development on Geoenvironmental engineering in the year of 2003.
12.	United Kingdom	2004	Visit University of Leeds and discussed with the counterpart as a part of the activities of a project of Asia Pro Eco programme on Integrated Management and Safe Disposal of Municipal Solid Wastes in the year of 2004. Also visited some cities authorities such as Leeds, Yorkshire, London, Rugby, Birmingham; universities and organizations to discuss various issues and see the different facilities and practices of municipal

			solid wastes (MSW) management such as sorting, recycling, composting, collection & transport of wastes, leachate treatment, gas collection and sanitary landfills. Visited Intermediate Technology Development Group (ITDG) at Rugby and also delivered lecture at a seminar at Water, Engineering and Development Centre (WEDC), Loughborough University, Leicestershire, UK.
13.	Canada	2006	In Vancouver, presented two technical papers in the two International Conferences on Geotechnical Engineering (Sea To Sky Geotechnique 2006) and Soft Soil Engineering (ICSSE 2006) during 1-6 October 2006 and also visited various construction sites.
14.	USA	2006	At the Headquarter of American Society of Civil Engineers (ASCE), in Reston, USA, a presentation was given to introduce the professional, research and academic activities at KUET and Bangladesh and participated in meeting with ASCE officials for cooperation in the development of research activities in the universities of Bangladesh.
15.	Italy	2007, 2011, 2013 & 2015	In Cagliari, Italy presented technical paper in the 11 th International Waste Management and Landfill Conference (SARDINIA 2007) during the period of 1-5 October 2007. Presented 4 technical papers, chair 1 technical session and presented paper at the closing session in the 13 th Intl Conf. (SARDINIA 2011) during the period of 3-7 October 2011. Also visited Padova University on 8-10 Oct. 2011 to see research facilities and possible future collaboration. Presented 2 technical papers and chair 1 technical session in the 14 th Intl Conf. - SARDINIA 2013, Sept 30-4 October 2013. In 15 th Intl Conf., SARDINIA 2015, 5-9 October 2015 presented 3 technical papers and chair 1 technical session.
16.	Laos	2008	As an invited resource person participated in the SWITCH-Asia EU-Asia Business and Environment Cooperation in LDCS Networking Meeting 4-5 March 2008, at Vientiane, Laos, organized by European Commission.
17.	Greece	2008 & 2010	In Crete-Chania, Greece presented a technical paper in the 1 st International Conference on Hazardous Waste Management during the period of 1-3 October 2008. In Crete-Heraklion, Greece presented 2 Technical Papers in the 7 th International ORBIT Conf. on "Organic Resources in the Carbon Economy", June 29 –July 03, 2010.
18.	the Netherlands	2008 & 2017	In Wageningen, the Netherlands presented 3 Technical Papers in the 6 th International ORBIT Conf. on 'Moving Organic Waste Recycling Towards Resource Management and Biobased Economy', October 13-15, 2008. In Delft, the Netherlands, participated at a 4 days long Design & Creation workshop on Non-sewered Education, 31 Jan. to 3 Feb. 2017 at UNESCO-IHE.
19.	Malaysia	2008 & 2013	In Ipoh, Perak, Malaysia attended in EU-Asia Solid Waste Management organized by EA-SWMC during the period of October 28-30, 2008. During 27 May to 01 June 2013, participated in one week long scientific visit to IWK, Kuala Lumpur, Malaysia on faecal sludge management organized by SNV Bangladesh with the support from Bill & Melinda Gates Foundation.
20.	Poland	2009	Chaired the 4 th Regular Project meeting and coordinated the activities of WasteSafe II project at Lublin University of Technology (LUT), Poland (EU-Asia Pro Eco II Programme) during the period of 10 to 15 May 2009.
21.	Cambodia	2010	Attended in the Mid-Term Meeting of ISSOWAMA Project held in Siam Reap, Cambodia during the period of 5-6 May 2010 and contributed to revise the conducted activities and make decision on the future plan of action of the project.

22.	Australia	2010	As an Australian Leadership Award (ALA) Fellow, funded by Australian Government through AusAID and coordinated by Monash Sustainability Institute, Monash University, Melbourne, actively participated in the activities of South Asian Climate Change Forum Program during 4 to 18 July 2010. Delivered two presentation in Climate Change Forum in its 5 days workshops and also developed concept papers to address climate change impacts in Bangladesh through mitigation and adaptation.
23.	Indonesia	2013	Participated in the Asia Workshop on “Urban Sanitation Planning and Finance” held in Lampung, Indonesia during the period of 25 to 28 November 2013 organized by SNV Netherlands Development and Institute for Sustainable Futures of the University of Sydney.
24	Vietnam	2015	Participated in the 3 rd International Conference on Faecal Sludge Management (FSM3) at Hanoi, Vietnam during the period of 19 to 23 January 2015 organized by Ministry of Construction of Vietnam, IWA, BMGF, ADB, IESE.
25	Morocco	2016	Represented Bangladesh in the 8 th Meeting of the Consultative Committee for Science, Technology and Innovation of ISESO of OIC at Rabat, Morocco, on 11-12 October, 2016.
26	South Africa	2017	Participated in the Sulabh International Global School Sanitation Conference at Cape Town, South Africa during the period of 3 to 6 June 2017 organized by SICAS, South Africa.

Professional experience record

	Location	Date	Organisation
1.	Dhaka Position Responsibilities	1986 – 1986 Teaching Assistant, Department of Civil Engg., BUET, Dhaka, Bangladesh Conducting undergraduate practical classes	
2.	Khulna Position Responsibilities	1986 – 1990 Lecturer, Department of Civil Engineering, BIT, Khulna, Bangladesh Teaching and research in civil engineering	
3.	Khulna Position Responsibilities	1990 – 1998 Assistant Professor, Department of Civil Engineering, BIT, Khulna Teaching and research in Geotechnical Engineering	
4.	Khulna Position Responsibilities	1998 – 2002 Associate Professor, Department of Civil Engineering, BIT, Khulna Teaching and research in Geotechnical Engineering	
5.	Khulna Position Responsibilities	2002– Present Professor, Department of Civil Engineering, KUET, Khulna Teaching and research in Geotechnical & Geoenvironmental Engineering	

Supervised Post-graduate Students

	Year	Degree	Thesis title
1.	2014	Ph.D.	Evaluation of Contamination Potential and Treatment Techniques of Leachate Generated from Landfill Lysimeter.
1.	2000	M.Eng.	Effectiveness of Granular Piles Installed by Vibro-displacement Method in Improving Soft Ground.

2.	2000	M.Eng.	Monitoring the Performance of Building Foundation Improved by Geotextiles in Khulna Medical College.
3.	2001	M.Eng.	Load-settlement Behaviour of Granular Piles Installed by Wet-replacement Method in a Soft Ground.
4.	2005	M.Eng.	Study on the Strength Development in Cement Stabilized Soft Clay.
5.	2005	M.Sc. Eng.	Generation, Composition and Characteristics of Municipal Solid Waste in Some Major Cities of Bangladesh.
6.	2006	M.Sc. Eng.	Geotechnical Properties of Reconstituted Organic Soils.
7.	2006	M.Sc. Eng.	An Approach for the Selection and Evaluation of Integrated Municipal Solid Waste Management in Bangladesh.
8.	2007	M.Sc. Eng.	Performance Study of Rammed Aggregate Pier as a Ground Improvement Technique in Soft Ground.
9.	2007	M.Sc. Eng.	Investigation on Selected Khulna Soils as a Potential Base Liner for Sanitary Landfills.
10.	2007	M.Sc. Eng.	Geoenvironmental Assessment of Ultimate Disposal Sites of Municipal Solid Waste in Some Major Cities of Bangladesh.
11.	2008	M.Sc. Eng.	Study on the Settlement Response of Soft Ground Improved by Granular Columns.
12.	2009	M,Sc.	Viability of the Two-Stage Treatment System of Sanitary Landfill Leachate in the South West Coastal Settings of Bangladesh.
13.	2009	M.Sc.	Development of Environmental Impact Assessment (EIA) Methodology for Sanitary Landfill as Coastal Region of Bangladesh.
14.	2010	M.Sc. Eng.	Practical Approach to Increase the Level of Peoples' Awareness and Collection of Municipal Solid Waste
15.	2010	M.Sc. Eng.	Applicability of Local Soils as Base Liner Materials to Construct Sanitary Landfill
16.	2010	M.Sc. Eng.	Study on Acceptable Composting Technology in Bangladesh
17.	2011	M.Sc. Eng.	Study on Planning and Design of Transfer Station for Municipal Solid Waste Management in Khulna City of Bangladesh
18.	2012	M.Sc. Eng.	Field Experience on the Daily Operation of a Pilot Scale Sanitary Landfill in Bangladesh
19.	2013	M.Sc. Eng.	Study on the Characteristics of Decomposed Municipal Solid Waste Deposited in a Landfill Lysimeter.
20.	2014	M.Sc. Eng.	Study on the Field Performance of Granular Pile as a Ground Improvement Technique
21.	2014	M.Sc. Eng.	Study on the Decentralized Wastewater Treatment Plants in Khulna

Publications (from most recent)

No.	Year	Authors	Titles & Details
220	2017	Ahmed, A., Islam, S.M.T. and	Study on the Environmental Impacts of Battery Driven Vehicles and Fuel Driven Vehicles (Three Wheeler) in Khulna City. Proc. of 5 th Intl. Conf. on

		Alamgir, M.	SWM in South-Asian Countries- WasteSafe 2017, February 25-27, 2017, Khulna. M Alamgir, et al. (Eds.), ISBN: 978-984-34-2306-1, pp.15-16.
219	2017	Mishuk, M.H., Islam, S.M.T. and Alamgir, M.	Analysis of Socioeconomic Aspects of Faecal Sludge Management- A Study in Khulna City. Proc. of 5 th Intl. Conf. on SWM in South-Asian Countries- WasteSafe 2017, February 25-27, 2017, Khulna. M Alamgir, et al. (Eds.), ISBN: 978-984-34-2306-1, pp.207-208.
218	2017	Sarder, M.R., Hafiz, N.A. and Alamgir, M.	Resource Recovery from Plastic Waste Generated at KUET Campus. Proc. of 5 th Intl. Conf. on SWM in South-Asian Countries- WasteSafe 2017, February 25-27, 2017, Khulna. M Alamgir, et al. (Eds.), ISBN: 978-984-34-2306-1, pp.164-165.
217	2017	Shahriar, M.R.A., Saha, S. and Alamgir, M.	Present Scenario of Solid Waste Management of three City Corporations in Bangladesh. Proc. of 5 th Intl. Conf. on SWM in South-Asian Countries- WasteSafe 2017, February 25-27, 2017, Khulna. M Alamgir, et al. (Eds.), ISBN: 978-984-34-2306-1, pp.56-57.
216	2017	Golder, S. and Alamgir, M.	Current Circumstances of Municipal Solid Waste Management Practice Using GIS in KCC. Proc. of 5 th Intl. Conf. on SWM in South-Asian Countries- WasteSafe 2017, February 25-27, 2017, Khulna. M Alamgir, et al. (Eds.), ISBN: 978-984-34-2306-1, pp.88-89.
215	2017	Hafiz, N.A. and Alamgir, M.	Differences Among the Faecal Sludge Treatment in Various Municipalities of Bangladesh: Experience from Ground Learning. Proc. of 5 th Intl. Conf. on SWM in South-Asian Countries- WasteSafe 2017, February 25-27, 2017, Khulna. M Alamgir, et al. (Eds.), ISBN: 978-984-34-2306-1, pp.213-214.
214	2017	Hafiz, N.A. and Alamgir, M.	Faecal Sludge Management in Kushtia Municipality and Co-Composting with Organic Solid Waste. Proc. of 5 th Intl. Conf. on SWM in South-Asian Countries- WasteSafe 2017, February 25-27, 2017, Khulna. M Alamgir, et al. (Eds.), ISBN: 978-984-34-2306-1, pp.210-211.
213	2017	Saha, S., Hafiz, N.A. and Alamgir, M.	Scenario of Solid Waste Management Practice in Municipality Area of Jhenaidah. Proc. of 5 th Intl. Conf. on SWM in South-Asian Countries- WasteSafe 2017, February 25-27, 2017, Khulna. M Alamgir, et al. (Eds.), ISBN: 978-984-34-2306-1, pp.90-91.
212	2017	Debnath, T., Islam, S.M.T., Hafiz, N.A. and Alamgir, M.	Resource Recovery from Faecal Sludge: A Potential Co-Composting Approach. Proc. of 5 th Intl. Conf. on SWM in South-Asian Countries- WasteSafe 2017, February 25-27, 2017, Khulna. M Alamgir, et al. (Eds.), ISBN: 978-984-34-2306-1, pp.229-230.
211	2017	Roy, A. and Alamgir, M.	Performance Study on Different Filter Media Used for the Treatment of Wastewater. Proc. of 5 th Intl. Conf. on SWM in South-Asian Countries- WasteSafe 2017, February 25-27, 2017, Khulna. M Alamgir, et al. (Eds.), ISBN: 978-984-34-2306-1, pp.18-19.
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