



Department of Civil Engineering
Bangladesh University of Engineering and Technology
Dhaka 1000, Bangladesh

Phone: 880-2-9665639, PABX: 880-2-9665650 Extn: 7224
Fax: 880-2-9665639, Email: headce@ce.buet.ac.bd
Web site: <http://www.buet.ac.bd/ce>

Message from Head of The Department



It gives me great pleasure to present the third issue of the Newsletter of the Department of Civil Engineering. It is directed to students, alumni, and civil engineering practitioners in industry and government organizations. The intent is to provide the readers with up-to-date information regarding our current academic and research activities, our technical capabilities and major consultation services

provided by the Department.

The newsletter will allow us to provide a dynamic account of events. The Newsletter is also devoted to catching up with the changes of status of faculty and staff, recent student accomplishments, and benefits to the public and private sectors from the research achievements of the Department in the area of Structural, Transportation, Geotechnical and Environment Engineering.

The Department faces significant challenges in the years ahead. In the rapidly changing world, to keep up with the fast track of development, Bangladesh needs competent and qualified Civil Engineers. We are aware of this requirements and continuously updating our curriculum to meet the country's demands. The highly qualified and dedicated faculty members are constantly working to modernize the teaching and research facilities of the Department. Our research and consultation activities also aim to provide state-of-the-art solution to local problems. A two-way communication between us and stakeholders would be highly beneficial in our constant endeavour to become the Centre of Excellence in Civil Engineering in Bangladesh.

The current issue mostly covers our activities from July 2007 to June 2008. Other than posting the latest developments in the Department, we would like to address topics of interest in our forthcoming issues. If there are specific topics you would like to see addressed, please contact us by e-mail at headce@ce.buet.ac.bd or send us a fax at 880-2-9665639. I look forward to receive your suggestions.

Professor Dr. Muhammad Zakaria

Faculty Members Holding Different Position at BUET

Prof. Dr. A.M.M. Safullah
Vice-Chancellor, BUET

Prof. Dr. Md. Abdur Rouf
Dean, Faculty of Civil Engineering

Prof. Dr. Muhammad Zakaria
Head, Department of Civil Engineering

Prof. Dr. Md. Mazharul Hoque
Director, ARI

Professor Dr. Md. Mujibur Rahman
Director, ITN

Prof. Dr. AMMT Anwar
Director, BRTC

Prof. Dr. Abu Siddique
Controller of Examinations

Prof. Dr. A.B.M. Badrudzaman
Director, CERM

Prof. Dr. Sarwar Jahan Md. Yasin
Provost, Shahid Smrity Hall

Prof. Dr. Eqramul Hoque
Provost, Suhrawardy Hall

Prof. Dr. Khan Mahmud Amanat
Provost, Ahsanullah Hall

Prof. Dr. Mehedi Ahmed Ansary
Deputy Director, DSW
and
Project Director, BNUS

Dr. Munaz Ahmed Noor
Project Manager, BNUS

Dr. AFM Saiful Amin
Assistant Provost, Nazrul Islam Hall

Dr. Syed Ishtiaq Ahmad
Assistant Provost, Dr. M.A. Rashid Hall

Dr. Md. Mizanur Rahman
Assistant Provost, Sher-e-Bangla Hall

Dr. Md. Jahangir Alam
Assistant Provost, Ahsanullah Hall

Joining at New Positions

07/08/2007 Dr. Md. Shamsul Hoque, Dr. Tahmeed Malik Al-Hussaini, Dr. Moazzem Hossain and Dr. Md. Mafizur Rahman joined as Professors

29/08/2007 Dr. Md. Kabirul Islam joined as Professor and Dr. Mohammad Shariful Islam joined as Associate Professor

09/02/2008 Mr. Md. Raquibul Hossain joined as Assistant Professor and Ms. Annesha Enam joined as Lecturer

01/04/2008 Dr. Rowshan Mamtaz and Dr. Abdul Jabbar Khan joined as Professors. Dr. Md. Mizanur Rahman joined as Associate Professor

Contributions in Projects of National Importance

- o Advisory support for the World Trade Centre, Chittagong
- o Design and drawing for foundation of 33 kV river crossing tower at Sonapur Point, Sylhet under REB
- o Consultancy services for Moulavi Bazar Gas Camp building of Chevron-Bangladesh: Defect detection and remedial measures
- o Checking of structural design for foundation and superstructure of Teesta Bridge
- o Consultancy services for Noakhali University of Science and Technology
- o Checking of design of Comilla and Adamjee EPZ
- o Consultancy services for solid waste management and construction of landfill at Matuail
- o Consultancy services for Jessore University of Science and Technology
- o Consultancy services for Asian Women's University, Chittagong



- Consultancy services for geotechnical investigation for proposed Tongi to Bhairab Bazar railway link section
- Laboratory tests of soil samples in connection with Geotechnical Investigation for planning and designing of Riverbank protection work at New Erosion affected sites in MDIP
- Identify Tsunami Vulnerable Schools/Hospitals/Emergency response and central buildings in the Coastal Region and Evaluate their adaptation capacity to Tsunami and Storm Surge
- Construction of Feeder Road under Greater Sylhet District
- Construction of underpass at different rail crossings
- Consultancy services for the removal of damaged portion of RANGS Bhaban
- Integrated development of Hatirjheel Begun Bari Khal Project
- Ex-post evaluation survey on Paksey bridge construction project
- Investigation for the causes of failure of road embankment and pavement of National Highways (Joydevpur-Debogram-Bhulta-Nayapur Bazar)

Recent Events

National Workshop on ROAD SAFETY IN BANGLADESH

As part of the celebration of “60 Years of Engineering Education in Bangladesh”, a two-day long workshop on “Road Safety in Bangladesh: Constraints and The Way Forward” was organized by Accident Research Institute (ARI), Bangladesh University of Engineering and Technology (BUET). The workshop was sponsored by the World Bank and the Roads & Highways Department (RHD) of Ministry of Communication (MoC).



Work Shop on Sharing Knowledge on Disaster Warning

A workshop on Sharing Knowledge on Disaster Warning: Community-based Last-Mile Warning System was held on October 25 2007 at ITN Centre, BUET. It was jointly organized by BNUS, BUET and LIRNEasia, Sri Lanka. Officials from DMB, CPP, SPARSSO, GSB, BMD, SAFE, DU and BUET participated and exchanged lessons learned from end-to-end hazard detection and alerting systems that serve grassroots communities in Bangladesh and Sri Lanka.



BNUS Symposium (USMCA2007) Held

The 6th International Symposium on New Technologies for Urban Safety of Mega Cities in Asia was held on December 9-10, 2007 at Hotel Sheraton, Dhaka. 70 papers including 7 keynote speeches were presented in the Symposium.



BES-2 Held

The Second International Earthquake Symposium Bangladesh (IESB-2) was jointly organized by BES and BUET on December 11, 2007. 11 papers including 2 keynote speeches were presented in the Symposium.

EEB 2007 & NSET Held

The National Symposium on Engineering & Technological Education (NSET) was held on 29th December 2007 at the Bangladesh University of Engineering & Technology (BUET) on the occasion of Celebrating 60 Years of Engineering Education in Bangladesh (EEB 2007). The National Symposium was organized as an information dissemination and exchange forum for faculties, researchers, and students. The emphasis was on the recent advances in engineering and technological education, training and practices, especially innovative approaches in curriculum development, accreditation and continuing educational and professional development. The Symposium also aimed at encouraging the academia and industry to work in a more long-term, strategic way to narrow the gap between engineering education and practice.



Seminar

A seminar introducing Manual for Construction of Houses in Coastal Areas was held at IEB on March 23 2008.





Future Events

None

Ongoing Research Projects

Development of a Disaster Preparedness program for Earthquake and Tsunami Hazards in Cox's Bazaar area (funded by CDMP-UNDP).

Participation in National Commissions/Committees

1. Convener, Organizing Committee, Celebrating 60-years of Engineering Education in Bangladesh, BUET (Prof. Mehedi Ahmed Ansary).
2. Member, Technical Committee, Construction Act (Prof. Zoynul Abedin).
3. Member, Committee for Investigating the Causes of Cracking and Failure of Walls of 1st Floor of 28 Storied City Centre Building, Dhaka City Corporation, Dhaka (Prof. Zoynul Abedin & Prof. Khan Mahmud Amanat).
4. Member, Governing Council, BSTI & HBRI (Prof. Ahsanul Kabir).
5. Member, Building Committee, Board of Intermediate & Secondary Education, Dhaka (Prof. Ahsanul Kabir).
6. Chairman, Technical Committee of National Domestic Biogas and Manure Program (Prof. Habibur Rahman).
7. Member, Teachers Selection Board of Civil Engineering Department, KUET, Khulna (Prof. Habibur Rahman).
8. Member, Review Committee for the Study of Detail Design and Bidding Documents for Drainage Channel in Dhaka City, DWASA (Prof. Habibur Rahman).
9. Member, Review Committee for the Study of Development Of GIS Based MIS System, Network Analysis and System Metering including Zone Declaration of DWASA (Prof. Habibur Rahman).
10. Member, Syndicate Committee, Noakhali Science and technology University, Noakhali (Prof. Istiaque Ahmed).
11. Member, Finance Committee, BUET (Prof. Istiaque Ahmed).
12. Member, Committee for Evaluation of Proposals of Consultants for the Repair of Cracks on Jamuna Bridge, Bangladesh Bridge Authority, New Airport Road, Banani, Dhaka (Prof. Khan Mahmud Amanat).
13. Member, Committee for Evaluation of Proposals of Consultants for the Repair of Cracks on Jamuna Bridge, Bangladesh Bridge Authority, New Airport Road, Banani, Dhaka (Prof. Khan Mahmud Amanat).
14. Member, Committee for Investigating the Causes of Collapse of the Newly Constructed Press Box of National Stadium, Dhaka (Prof. Khan Mahmud Amanat).
15. Member, Committee for Evaluating the Research Proposals, Housing and Building Research Institute, Mirpur, Dhaka (Prof. Khan Mahmud Amanat).
16. Member, Technical Advisory Group, Earthquake & Tsunami Preparedness Program, Ministry of Food & Disaster Management, GoB (Prof. Mehedi Ahmed Ansary).
17. Member, Technical Advisory Group, Construction of cyclone shelters at the coastal areas, Ministry of Food & Disaster Management, GoB (Prof. Mehedi Ahmed Ansary).
18. Member, Steering Committee of Bangladesh National Building Code (Prof. Mehedi Ahmed Ansary).
19. Member-Secretary, Organizing Committee, Celebrating 60-years of Engineering Education in Bangladesh, BUET (Prof. Mehedi Ahmed Ansary).
20. Member, Technical Evaluation Committee of FDC (Prof. Mehedi Ahmed Ansary).
21. Member, Tender Evaluation Committee for the project "Institute for Nuclear Science & Technology: (a) Training institute and laboratory facilities (b) Supply, installation, commissioning & testing of 3 MV Tandem Accelerator" of Bangladesh Atomic Energy Commission (Prof. Tahmeed Malik Al-Hussaini).
22. Member-Secretary, Scientific Committee, National Symposium on Engineering and Technological Education organized by BUET (Prof. Tahmeed Malik Al-Hussaini).
23. Member, Investigation Committee, Regarding collapse of Rangs Building (Dr. Raquib Ahsan).
24. Member, Technical Sub-Committee, Construction of cyclone shelters at the coastal areas, Ministry of Food & Disaster Management, GoB (Dr. Raquib Ahsan).

Foreign Visits of Faculty Members

1. Dr. Raquib Ahsan worked as a JSPS scholar in the University of Tokyo from April - October, 2007.
2. Prof. ABM Badruzzaman attended 4th Annual Meeting & International Conference of Asia Oceania Geosciences Society, Bangkok, Thailand, 30 July – 04 August, 2007.
3. Prof. ABM Badruzzaman attended 5th Steering Committee Meeting of ASSESS-HKH organized by NECS, Thimphu Thimpu & Paro, Bhutan, 01 – 04 August, 2007.
4. Prof. M. Habibur Rahman attended The International Conference on Sustainable Sanitation: Eco-Cities and Village, Dongsheng, Erdos, Inner Mongolia, China, 26-29 August 2007.
5. Prof. Dr. Mehedi Ahmed Ansary attended International Workshop on Natural Disaster & Emergency Management, September 22-24, 2007 Beijing, China.
6. Prof. M. Habibur Rahman attended The Second South Asia Water Research Conference: Water supply, sanitation and wastewater management in South Asia, Kandy, Sri-Lanka, 24-26 September 2007.



7. Prof. Dr. Md. Mafizur Rahman attended Climate Perturbation and Coastal Zone Systems in Asia Pacific Region: Holistic Approaches and Tools for Vulnerability Assessment and Sustainable Management Strategy, September 27-28, 2007, Bangkok, Thailand.
8. Prof. Dr. Md. Mafizur Rahman attended 2nd International Workshop on Rainwater and Reclaimed Wastewater for Urban Sustainable Water Use, October 3-5, 2007, Kyoto, Japan.
9. Prof. ABM Badruzzaman attended Scientific Research Meeting on Arsenic Transport in Water and Food Chain Zurich, Switzerland, 10 – 12 October, 2007.
10. Prof. Jobair Bin Alam attended DelPHE Project Meeting and presented paper on climate change impacts on Bangladesh, University College London, UK, 24-30 October, 2007.
11. Prof. Jobair Bin Alam attended ITE Conference and CodeWitz Project Meeting, Bangkok, Thailand 6-12 December, 2007.
12. Prof. Dr. Tahmeed M. Al-Hussaini attended International Workshop on Earthquake Hazards and Mitigations (EHAM-2007), December, 2007.
13. Prof. ABM Badruzzaman attended Research Achievements in the Area of Environmental Engineering organized by Qatar University Qatar, 28 – 31 January, 2008.
14. Prof. ABM Badruzzaman attended International Conference on Rivers in the Hindu Kush-Himalaya Ecology & Environmental Assessment, Dhulikhel, Nepal, 03 – 07 March, 2008.
15. Prof. Jobair Bin Alam attended IDEC Seminar and presented paper on energy and climate change, Hiroshima University, Japan 5-10 March, 2008.
16. Prof. Dr. Md. Mafizur Rahman attended the Asian Science and Technology Seminar held in Thailand during March 10-11, 2008.
17. Prof. ABM Badruzzaman attended Workshop on Treatment of Water, Wastewater and Greywater organized by Sultan Qaboos University, Oman, 24 – 26 March, 2008.
18. Prof. M. Habibur Rahman attended Twenty-third International Conference on Solid Waste Technology and Management, Philadelphia, USA, 21-24 March 2008.
19. Prof. Dr. Tahmeed M. Al-Hussaini attended a project meeting on “Seismic Hazard in Asia” held at C-MMACS, Bangalore, India, April 1-6, 2008.
20. Prof. Dr. Md. Delwar Hossain attended DelPHE Link Program Lahore College for Women University, Lahore, 22-25 April, 2008.
21. Prof. Dr. Md. Mafizur Rahman worked as a visiting Professor in the University of Tokyo during May-July, 2008.

Publications

Books

1. New Technologies for Urban Safety of Megacities in Asia. Editors: **Ansary, M.A.** and Worakanchana, K., BNUS, BUET & ICUS, The University of Tokyo, December, 2007.
2. IESB-2, Editors: **Noor, M.A. & Al-Hussaini, T.M.**, BES & BUET, December, 2007.

Journals

1. Dittmar, J.; Voegelin, A.; Roberts, L. C.; Hug, S. J.; Saha, G. C.; Ali, M. A.; **Badruzzaman, A. B. M.**; Kretzschmar, R., "Spatial Distribution and Temporal Variability of Arsenic in Irrigated Rice Fields in Bangladesh. 2. Paddy Soil", *Environ. Sci. Technol.*; 2007, 41, 5967-5972.
2. Roberts, L. C.; Hug, S. J.; Dittmar, J.; Voegelin, A.; Saha, G. C.; Ali, M. A.; **Badruzzaman, A. B. M.**; Kretzschmar, R., "Spatial Distribution and Temporal Variability of Arsenic in Irrigated Rice Fields in Bangladesh. 1. Irrigation Water", *Environ. Sci. Technol.*, 2007, 41, 5960-5966.
3. Alam, M. J. B., **Ansary, M. A.**, M.S. Rahman, Z.U. Ahmed, A. A. B. Imtiaz, and M.M. Hossain (2007). Assessment of Vulnerability of Critical Infrastructures due to Earthquake in Sylhet City and Management, *Proceedings Pakistan Academy of Sciences*, Vol. 44(3), pp. 197-200.
4. **Alam, M. J.B.**, Hossain, A., Khan, S.K., Banik, B.K., Islam, M.R., Muyen, Z. and **Rahman, M. H.** "Deterioration of Water Quality of Surma River", *Environ Monit Assess*, Springer Science, DOI 10.1007/s10661-007-9612-7, 2007.
5. Moniruzzaman, S.M. Mahmud, H. M. I., Bari, Q.H. and **Rahman, M. H.** "Treatment of Textile Industries Effluent in Bangladesh", *The Environment Monitor- Journal of environmental Sciences, Technologies and Engineering*, Vol-VII, No. 1&2, 2007.
6. Mahmud, S. G., Shamsuddin, S. A. J., **Ahmed, M. F.**, Davison, A., Deere, D. and Howard, G. (2007). Development and implementation of water safety plans for small water supplies in Bangladesh: benefits and lessons learned, *Journal of Water and Health*, Vol. 5. No.3: 585-597.
7. Howard, G., **Ahmed, M. F.**, Teunis, P., Mahmud, S. G., Davison, A. and Deere, D. (2007). Disease Burden Estimation to Support Policy Decision-making and Research Prioritization for Arsenic Mitigation, *Journal of Water and Health*, Vol.5. No.1, 2007, 67-81.
8. Saha, G. C. and **Ali, M. A.** (2007), Dynamics of Arsenic in Agricultural Soils Irrigated with Arsenic Contaminated Groundwater in Bangladesh, *Science of the Total Environment*, 379, 180-189.
9. **Hoque, M.S.** and Hasan, M.R., "Involvement of Vehicle Factors in Road Accidents", *Journal of Civil Engineering (JCE)*, The Institute of Engineers Bangladesh (IEB), Vol. 35 (1), 2007, pp 17-27.
10. **Hoque, M.S.**, Khondaker, B. and **Hoque, M.M.**, "Behavioral Habits and Attitudes of Heavy Vehicle Drivers", *Journal of Civil Engineering (JCE)*, The Institute of Engineers Bangladesh (IEB), Vol. 35 (1), 2007, pp 29-45.



11. **Ansary, M. A., Alam, M. J. B. and Mamun, M.A. (2008).** Estimation of Earthquake Damage in Gas Pipeline - A Case Study, The Icfai Journal of Earth Sciences.
12. **Ansary, M. A., A. A. B. Imtiaz and Alam, M. J. B. (2008).** Assessment of Vulnerability of Critical Infrastructures (school and hospital buildings) due to Earthquake in Sylhet City, *Stamford Journal of Civil Engineering*, Vol. 1(1).
13. **Moqsud, M. A., Rahman, M. H, Hayashi, S. and Du y. Y.** "Assessment of Modified Composting Barrel for Sustainable Organic Waste Management in Bangladesh" The Journal of Resource Management and Technology, U.S.A., Vol. 34, No. 1, 2008, Pp.35 - 46.
14. **Chowdhury, T.R., Nazia, R. and Hoque, M.S.,** "An Evaluation of Off-street Parking Facilities in Dhaka Metropolitan City", *Stamford Journal of Civil Engineering*, ISSN NO: 1997-0714, Volume 1, Issue 1, February 2008, pp 78 – 91.
15. **Nazia, R., Chowdhury, T.R. and Hoque, M.S.,** "A Study on PCU Values for Selected Signalized Intersections in Dhaka City", *Stamford Journal of Civil Engineering*, ISSN NO: 1997-0714, Volume 1, Issue 1, February 2008, pp 92 – 105.
16. **Islam, M. S. and Iwashita, K. (2008).** "Earthquake resistance of adobe reinforced by low cost traditional materials", *Journal of Natural Disaster Science, Japan Society for Natural Disaster and Science, Japan* (submitted in January 2008, No. 2008-03).
17. **Islam, M.K, Dhar., A.S., Ahmed, M.Z., Ansary, M.A. and Imtiaz, A.B. (2008)** "A Study on Seismic Risk Assessment Methods Applicable for Bangladesh", *Journal of the Institution of Engineers (Multi-Disciplinary), Bangladesh*, to appear.
18. **Dhar, A.S. and Moore, I.D. (2008)** "Analysis of Local Bending in Twin-Wall Pipes: Comparison with Measurements", *The Journal of Civil Engineering Division, The Institution of Engineers, Bangladesh*, on Press.
19. **M.S. Islam, J.B. Alam and S.M.L. Kabir (2008)** Satellite Based Internet Education Delivery and E-Learning Objects Evaluation: SOI Asia And Codewitz Perspective, *INTI Journal on Teaching and Learning (Special Issue)*.

Conferences

Faculties of Civil Engineering Department have published over 100 papers within this period.

Statistics of Graduate and Undergraduate Studies

M.Sc. and M.Engg. Degree Awarded

During July 2006-December 2006 the Department of Civil Engineering has awarded a number of MSc. and M.Engg. degrees. The particulars of the dissertations of these degrees are as follows:

Name	Dissertation Title	Supervisor
Samiul Hasan	Development of a travel demand model for Dhaka City.	Dr. Md. Shamsul Hoque
Md. Raquibul Hossain	Development of a robust cyclic plasticity model and its applications to soil-structure interaction problems.	Dr. Syed Ishtiaq Ahmed
Sharany Haque	Behaviour of multistoried R.C Framed buildings with open ground floor under seismic loading.	Dr. Khan Mahmud Amanat
Md. Rafiqul Hasan	Involvement of vehicle factors in road	Dr. Md. Shamsul

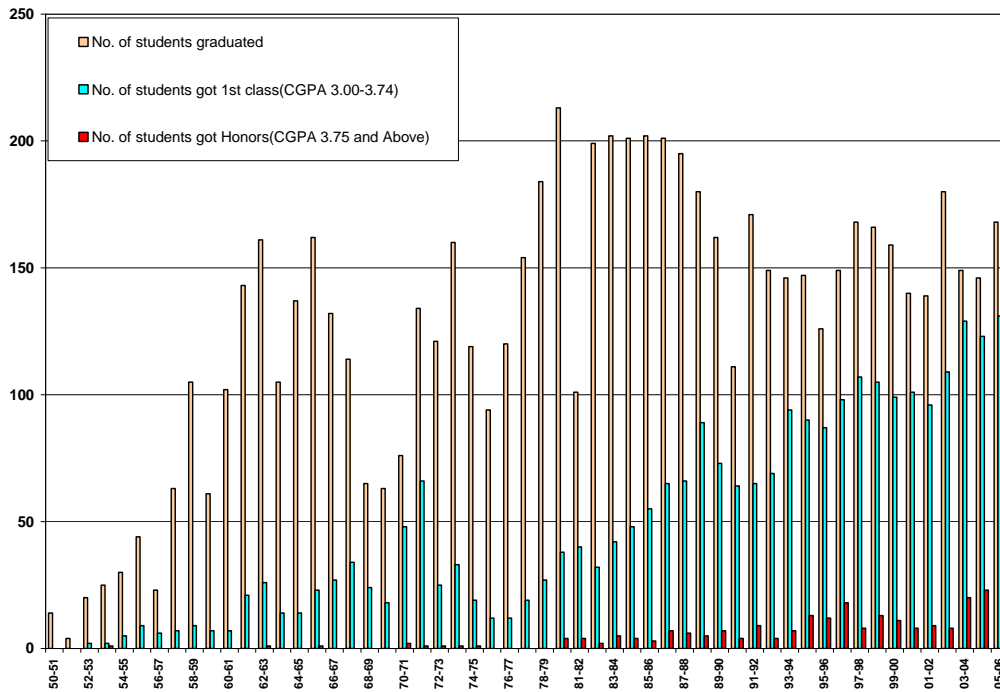
Name	Dissertation Title	Supervisor
Md. Shaiful Islam Bhy.	accidents. Nonlinear time history analysis of reinforced concrete frames with brick masonry infill.	Dr. Khan Mahmud Amanat
Md. Abdur Rashid	Evaluation seismic design deficiencies of mid rise apartment building and remedies.	Dr. Raquib Ahsan
Md. Harunur Rashid	Microbial quality of compost of municipal solid waste.	Dr. M. Habibur Rahman
Sonia Zahan Chy.	Implications of transport policies on energy and environment in Bangladesh.	Dr. Md. Jobair Bin Alam
Mohammad Saifuddin	Effects of pre-chlorination or Alum coagulation.	Dr. Md. Delwar Hossain
Md. Kabirul Islam	Potential of ICT in managing service related travel demand in Bangladesh.	Dr. Md. Shamsul Hoque
Sheikh Muhammad Ferdous	Geotechnical characterization of the subsoil in Khulna City Corporation (KCC) area.	Dr. Abdul Jabbar Khan
Khaled Abdullah	Dynamic Interaction between Transportation investment and Economic development based on Seochastic Approach	Dr. Jobair Bin Alam
Md. Hadiuzzaman	Development of saturation flow and delay models for signalised intersection in Dhaka City.	Dr. Md. Mizanur Rahman
Tanvir Hossain	Finite element formulation and modeling of rate dependent response of Natural and High Damping Rubbers.	Dr. AFM Saiful Amin
Sheikh Tawfique Aziz	Evaluation of recycling practices of solid waste in selected areas of Dhaka City	Dr. M. Habibur Rahman
Mst. Mahafuza Rahman	Assessment of health risk from exposure to Arsenic in selected Arsenic affected areas of Bangladesh	Dr. M. Ashraf Ali
Md. Monayem Hossain	Anisotropic strength characterization of compacted Dhaka Clay	Dr. Eqramul Hoque
Sk. Obaidullah Mahmud	Chemical treatment options for tannery waste water	Dr. Rowshan Mamtaz
Md. Shariful Haque	A study of Healthcare waste management in Chandpur Pourashava	Dr. M. Habibur Rahman
Mohammad Moinul Islam	Estimation of effective slab strip width of RC Floor systems for plane frame idealization.	Dr. Khan Mahmud Amanat
Farzana Sharif Khan	Assessment of water quality at DND conveyance canal and its implications on treated water quality at Saidabad Water Treatment Plant.	Dr. M. Ashraf Ali

Number of Enrolled MSc and PhD Students (April 2002 - April 2008)

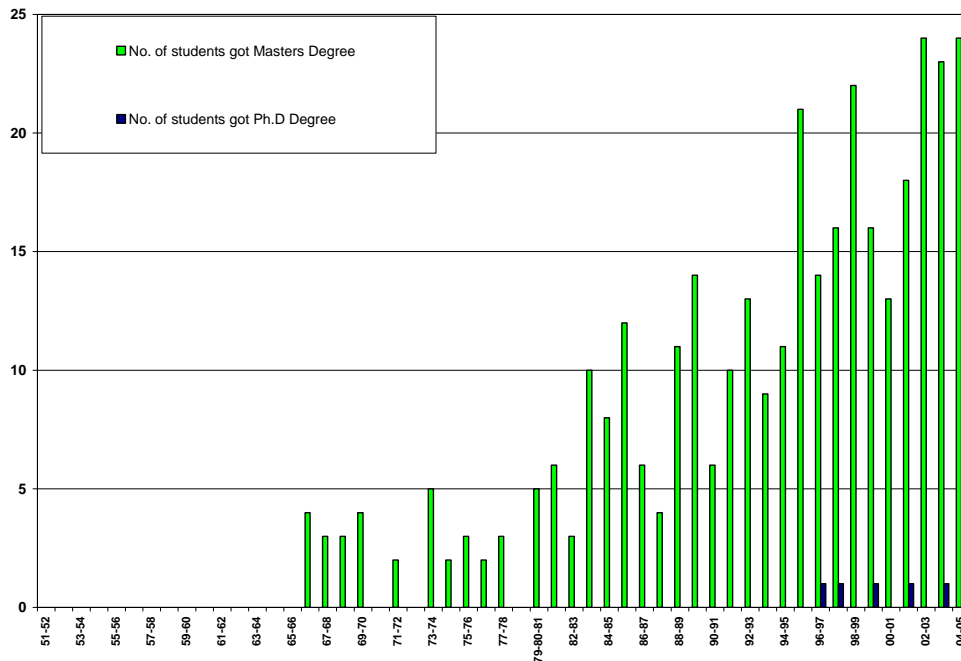
Division	MSc	PhD
Civil & Environment	375	
Civil & Geotechnical	290	
Civil and Structure	367	22
Civil and Transportation	258	
Environmental Engg	101	
Total	1391	



Statistics of Undergraduate Studies



Postgraduate Studies



Editors: Prof. Dr. Mehedi Ahmed Ansary
 Md. Raquibul Hossain
 Shohel Rana
 Raasheduddin Ahmed
 Nazrul Islam
 Mr. Sheikh Mokhesur Rahman
 Adnan Rajib Bhuiyan