



NEDAC NEWS

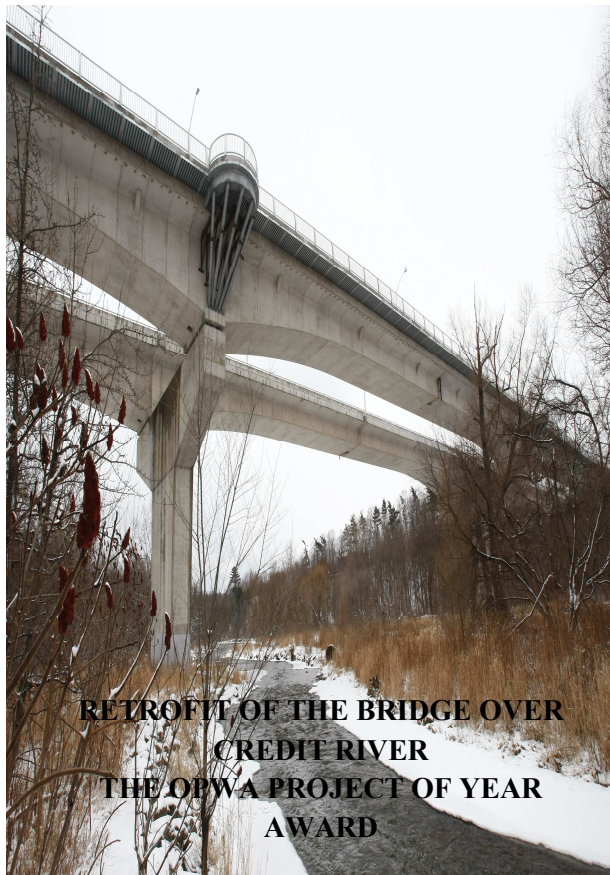
NED ALUMNI ASSOCIATION CANADA

SECOND QUARTER 2010

VOLUME 3, ISSUE 2

NEDAC ORGANIZES A DAZZLING 'SHAM-E-GHAZAL'

An absorbing Sham-e-Ghazal was organized by NEDAC on 27th March 2010, which was largely attended by music lovers of this form of music. Complete details are on Pages 4 thru 6.



**RETROFIT OF THE BRIDGE OVER
CREDIT RIVER
THE OPWA PROJECT OF YEAR
AWARD**

04: SPECIAL COVERAGE

NED ALUMNI ASSOCIATION CANADA ORGANIZES DAZZLING SHAM-E-GHAZAL

Full coverage of the very entertaining evening of geets and ghazals.

13: SPECIAL FEATURE

NEDIAN'S PROJECT WINS PROJECT OF THE YEAR AWARD

Read the complete details of the project which won the OPWA project of the year award.

15: INTRODUCTION

NEDAC MEMBERS-THE EXTRA- CURRICULARS

NEDAC members are also excelling in the extra-curricular activities.

16: LITERARY ACTIVITIES

LITERARY CONTRIBUTIONS FROM NEDAC MEMBERS

A new section of the 'NEDAC News' covering the literary talents of NEDAC members.

EDITORIAL BOARD

Mr. Syed Imran Ahmad, Information and Publication Secretary NEDAC

Mr. Mahmood Manzoor, Editor

Mr. Aman Shabbir Siddiqui, Member

CONTACT US

MAILING ADDRESS

3569 Aquinas Avenue,
Mississauga, ON
L5M 7L7

E-MAIL

info@nedalumnicanada.org

WEBSITE

www.nedalumnicanada.org

INSIDE THIS EDITION:

Title Page	1
Editor's Note	2
President's Message	3
Sham-e-Ghazal	4-6
Meeting with CG	7
7 th Board Meeting	8
NEDAC News	9-11
NEDUET News	11
NA Alumni News	12
Special Feature	13-14
NEDAC Members	15
English Article	16-17
Article on Cancer	18
Urdu Poetry	19-20

EDITOR'S NOTE

We all like to think of ourselves as innovators. We like to have our eyes firmly trained on the glow beyond the horizon. There lies possibility, hope and progress.

But at the same time, innovation has long been a favourite buzzword in business - it has the twin benefits of sounding significant without being at all specific.

Now before someone gets the wrong idea, let me be clear that I am a supporter of innovation. Developing new ideas is important to our future, and holds within it the promise of a stronger, more prosperous, more sustainable organizations.

The thing is, we often fall into the trap of believing that innovation is an end in itself. But the cold truth is, our ideas are ultimately only as valuable as our ability to popularize them and materialize them.

We should not believe only in stargazing, it must have a purpose. Stargazing is a fine way to spend a warm summer night. But if you want to build an organization, you have to get up and figure out how to reach those stars.

The Editorial Board of 'NEDAC News' also could not resist the temptation and dazzle of innovation. The Board wanted to be pro-active and progressive.



The Board had planned to publish another publication from NEDAC's platform, focussing on literary talents of the NEDAC members. But later on, response from membership prohibited such an innovation. Instead, the advice was to add a literary section to the existing Newsletter. So this is what has been done. It is still an innovation though.

Two articles, literary and non-technical, and two poetries are included in this issue. It is astonishing to note the amount of talent NEDians have, incredible!

This issue carries an exclusive coverage of the Ontario Public Works Association (OPWA) Public Works Project of the Year Award. This award has been awarded to one of the NEDAC members. Great work NEDians!

The coverage of NEDAC's 1st Sham-e-Ghazal is also in this issue. This *innovative* event is getting a lot of praise from the membership.

Mahmood Manzoor
Editor

PRESIDENT'S MESSAGE

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Mr. Sahir Zamir

Mr. Syed Imran Ahmed

At the time of writing this message the entire NEDAC Board and several dedicated volunteers are working very hard to plan and work out details of 4th NEDAC Annual Dinner and Musical Evening. This function will be held on Friday 4th June 2010 at Payal Banquet Hall in Mississauga. Every one of us is making serious efforts to make it a memorable and prestigious event this year for all members.

Like last year we will have enchanting music, fine food and door prizes. Many of us will have excellent networking opportunities and interaction with other members. The families of the members will also enjoy meeting each other.

Ticket distribution for the event has commenced and I would request our members to obtain their tickets as soon as possible preferably before 15th May 2010. The tickets are available in three categories for the members and their families, guests and children. There is a slightly higher price for guest tickets. Children above five years of age will pay half price. Tickets can be obtained from the board members and the volunteers whose names and telephone numbers are given with the announcement of the event.

We had a very successful 'Sham-e-Ghazal' at Tandoori



Culture Restaurant on 27th March 2010. Members and their families thoroughly enjoyed listening to the popular gazals beautifully sung by Tausif Farooqi, Shah Quarin and Shiraz Rehmani. Participants were reluctant to leave when it was time to close the restaurant. On the great demand of the members we will consider holding another similar program in future.

During 2010 we have plans for holding technical seminars, a family picnic, Annual General Meeting (AGM) and an evening with a visiting dignitary. I would request NEDAC members to continue giving us their support and cooperation. I assure you that we will do our best to serve with dedication and provide the members all that is expected from us.

*Ismat Kamal, P.Eng.
President, NEDAC*

NED ALUMNI ASSOCIATION CANADA ORGANIZES A DAZZLING SHAM-E-GHAZAL

The night of 27th March 2010 will live long in the hearts and minds of our members who attended NEDAC's glittering Sham-e-Ghazal. This wonderful event took place in the music room of Tandoori Culture which had just the right ambience to promote a warm, cozy atmosphere for the audience and performers.

NEDAC's VP, Mr. Mahmood Manzoor acting as emcee immediately set the right mood with his eloquent welcome address in flawless, flowery Urdu. He expounded on the beauty and technicality of Indo-Pak Classical music which provided the backdrop in which to appreciate the music to follow.

He thanked the guest performers Mr. Tausif Farooqi (vocalist) and Mr. Musa Mall (tabla player) for accepting NEDAC's invitation and gracing the occasion with their presence. Mr. Manzoor provided a brief background of all the performers including our very own Mr. Shah Quarin Ahmed and Mr. Shiraz Rehmani (NEDAC General Secretary).



The evening was off to a great start with Tausif and Musa's instrumental rendition of 'Jiya Dharak-Dharak Jaye' in which Tausif exhibited his great mastery of the harmonium. He then delighted the audience with his rich timbre voice, singing a wonderful selection of Geets and Ghazals focusing on Pakistani film music. The appreciative audience responded with spontaneous bursts of applause

after each rendition. Musa with his cool playing style and stamina impressed the audience and kept them tapping their toes to his rich rhythmic bursts.

When Shah Quarin Ahmad came on stage next, the audience was well prepped to appreciate his rich repertoire of Ghazals. He wowed the audience with his usual flair of introducing the background of his renditions and with the addition of musical 'alaps'.



His melodious voice and musical interpretations of the romantic lyrics thrilled the audience and kept them asking for more. In addition to romantic Ghazals, he also presented serious material of Faiz Ahmed Faiz, delighting the audience with his style and unique knowledge of the circumstances under which these heart rendering verses were created. The audience was only willing to let him go once he promised to return to the stage.

In the short intermission that followed, everyone was treated to the culinary delights of the venue. The freshly prepared 'samosas' and 'gajar ka halwa' provided just the right mix to satisfy the appetites of all present. With the ambrosia of tea served next the audience and performers were well primed to return to the feast of music to follow.

Shiraz Rehmani was the next vocalist to grace the stage. His repertoire of Geets and Ghazals focused on the favourite melodies of old, which are 'ever-green'. He started off with a couple of items whose compositions were based on the famous raag

Darbari which was greatly appreciated by the audience. He thrilled them with a few favourite songs of Talat Mahmood, which prompted them to request more. By the time he finished his renditions the audience was easily prompted by Mr. Ismat Kamal to give him a standing ovation.

As promised, Shah Quarin returned to the stage and gave the final performance of the evening. Once again the audience was moved to give him a standing ovation.

The evening was brought to a close by Mr. Mahmood Manzoor who thanked the participants

for providing the atmosphere in which wonderful music could be created. He promised them that their wish for another such event to be held by NEDAC would be given due consideration. He also thanked all the performers for delivering a wonderful program.

The feedback received from all present was very positive and everyone agreed that this had been an extremely successful event. In the words of one participant 'this is best ten dollars I ever spent in my life!'

SOME GLIMPSES OF THE SHAM-E-GHAZAL





NEDAC INVITES THE CONSUL GENERAL OF PAKISTAN AS THE GUEST OF HONOUR

A NEDAC delegation, headed by the President, Mr. Ismat Kamal, called upon the Consul General of Pakistan in Toronto, Honourable Sahibzada A. Khan, to invite him to be the Guest of Honour at the 4th NEDAC Annual Dinner and Musical Evening.

The event is scheduled to be held at the Payal Banquet Hall in Mississauga on 4th June 2010.

The other members of the delegation were the Vice-President, Mr. Mahmood Manzoor, the General Secretary, Mr. Shiraz Rehmani, the Social Secretary, Mr. Islam Nabi Khan, and the Information & Publication Secretary, Mr. Syed Imran Ahmed.

The delegation stayed with the Consul General for quite some time. During the meeting with the

Consul General, the delegation extended the invitation to the Consul General and briefed him about the activities of the NEDAC.

The Consul General appreciated the role NEDAC is playing for the support of NED Alumni in Canada and lauded the efforts of NEDAC. He wanted NEDAC to continue with its activities and wished the Association well. He also graciously accepted the invitation of NEDAC to be the Guest of Honour at the Annual Dinner and Musical Evening.

It is a great honour for NEDAC that the Consul General of Pakistan had been the Guest of Honour in all of its Annual Dinners. In the last three Annual Dinners Honourable Tassaduq Hussain, the predecessor of Honourable Sahibzada A. Khan, had been the Guest of Honour.



NEDAC BOARD (2008-2010) – SEVENTH MEETING

The 7th meeting of the NEADC Board was held on 6th February 2010 at 2:00 pm at the Toronto Public Library, Fairview Mall in Toronto. Mr. Ismat Kamal, President NEDAC, chaired the meeting which was also attended by Mr. Mahmood Manzoor, Mr. Shiraz Rehmani, Mr. Muhammad Khaleeq Najmi, Mr. Islam Nabi Khan, Mr. Syed Imran Ahmed, Mr. Arshad Azhar, Mr. Osaid Syed and Mr. Sahir Zamir.

The meeting started with recitation from Holy Quran by Mr. Arshad Azhar. The Board members approved the minutes of the last Board meeting.

The main item of agenda, Annual Dinner and Musical Evening, was discussed in details. It was decided that this time the entire event will be properly scripted and various committees will be formed to manage the various activities of the event.

The Board approved Payal's Silver Package menu, The Board also approved selection of Avenger

Group to perform Musical Evening and Mr. Gaya for the video and photography of the event. The Board decided to invite other NED Alumni Associations in North America to attend the event.

The next item on the agenda was Sham-e-Ghazal. The event is to be held at Tandoori Culture in Pickering on 27th March 2010 and to be limited to 70 members & spouses, in addition to the musicians. It was decided to have the ticket price at \$ 10.00 per head. The refreshment menu to be tea and samosas

The next item on the agenda of NEDAC Accounts was discussed. Mr. Ismat Kamal briefed the Board about the progress. The issue whether to file tax returns is not resolved as yet and it was suggested that Mr. Ismat Kamal should contact Canada Revenue Services and speak to a representative for advice.

The meeting adjourned with a note of thanks from Mr. Ismat Kamal.



NEWS FROM NEDAC

NEDAC GEARS UP FOR ITS FOURTH ANNUAL DINNER AND MUSICAL EVENING

With the date of NEDAC Annual Dinner and Musical Evening approaching, the preparations for the same are also gaining momentum. The general atmosphere in the NEDAC Board is of excitement and responsibility together. The venue has been selected as the Payal Banquet Hall in Mississauga. Avenger Group will perform in the Musical Evening and Mr. Gaya will be behind his video and still cameras.

The Consul General of Pakistan will be the guest of honour, Mr. Muzzafer Mahmood, the Pro VC (Dev) will be special guest from NEDUET. The Mayor of Mississauga will be among the VIP guest. The confirmation from the chief guest is awaited, which is expected to be finalized by end of April 2010.

There is a great interest for the event among the NEDAC membership. The ticket sale is on and the tickets are selling fast, indicating the level of interest amongst the membership for the occasion. A great number of non-NEDAC guests are also showing their interest in the event. It is expected that this Annual Dinner and Musical Evening will be a great success just like the previous events.

NEDAC ANNUAL FAMILY PICNIC IS NEXT EVENT

In parallel with the NEDAC Annual Dinner and Musical Evening, the Sports and Recreation Committee is also doing the spade work for the 2nd NEDAC Family Picnic. A variety of activities and sports events, in line with the 1st Family picnic, are being planned.

The venue will be the same as was the last year, the High Park in Toronto. The selection of High Park has been done by the great demand of the membership which showed much interest in the location last year. The picnic is scheduled for 10th July 2010. All the members are requested to mark their calendars for this event also.

NEXT PDC SEMINAR ON 7th AUGUST

The NEDAC PDC is holding its next seminar on 'How to Become a Professional Licensed Engineer in Ontario' at the Olympium Community Centre, Etobicoke on 7th August 2010. This is the second seminar on this topic and is being held on the great demand of NEDAC membership. Dr. Santosh Gupta Ph.D, P. Eng. will be the key note speaker/presenter.

PDC PROVIDES RESUME REVIEW SERVICE

Pursuant to the very successful seminar on 'Resume Development' conducted by NEDAC's Professional Development Committee (PDC), an offer was made to the membership to have their resumes reviewed free of charge. The PDC has been providing this service since January 2009 and many members have taken advantage to have their resumes reviewed. A number of the resumes went through multiple rounds of reviews before a satisfactory product emerged which targeted the objective of the resume. Some of the members have reported successful outcomes with their finalized resumes. PDC's offer for a free resume review is still in place and any member desirous of utilizing this service is requested to contact PDC members.

NEW NEDAC MEMBERS

It is a great pleasure that seven (07) new members have joined the NEDAC. With this addition, the total membership has reached the 310 mark. The seven new members are Mr. MUHAMMAD ASHRAF (BE Mechanical/1987), Mr. NASIMUDDIN SYED (BE Civil/1974), Mr. MUHAMMAD AFTAB ALAM (BE Industrial & Manufacturing/2007), Mr. ALEEM KHALID ALVI (BE Electrical/1996), Mr. MIRZA ABDUL QADIR (BE Mechanical/1983) Mr. MUNAWAR ASHRAF (BE Electrical/1968) Mr. SAIFUL HASAN (BE Mechanical/1993).

The NEDAC Board welcomes these seven members and assures them of its full support.

‘P. ENG.’ LICENSE

Mr. SYED ALI ZAMIN, P.Eng. successfully completed all the requirements of PEO and got his P.Eng. certification in December 2009. He made the right decision of pursuing the P. Eng. certification in order to establish himself as a professional engineer in the Canadian marketplace.

Mr Ali Zamin is a Mechanical Engineering graduate of NEDUET of the 1998 batch. He started his career from a casting plant. In 1999 he got admission in King Fahd University of Petroleum and Minerals in Dhahran, KSA, from where he did his post graduation in Systems Engineering with major in Industrial Engineering and Operations Research. Mr Ali Zamin worked in manufacturing and Ministry of Defense set-ups in Karachi and Islamabad from 2003 to 2006.

In 2006, Mr. Ali Zamin immigrated to Canada to pursue his new career. He got a lot of support from friends in NEDAC for his P.Eng certification. He is presently working as Corporate Plant Engineer in a pharmaceutical company in the GTA.

Mr. ALI SHABBIR P.Eng, successfully passed the Experience Requirement Committee (ERC) interview and Professional Practice Exam (PPE) of PEO. It is another example of courage and determination to achieve the objectives of career advancement.

Mr. Ali Shabbir is a Mechanical Engineering graduate of NEDUET of the 1978 batch. He also has interest in QMS and has completed ISO9000 courses. He started his professional career in 1978 when he joined Shabbir Tiles and Ceramics Ltd in Karachi as a Mechanical Engineer. He then worked as Engineering Manager at Clay Products, as Assistant Project Manager at SG Rayon Mills Ltd, as Planning & Project Engineer with Shahbaz Group of Industries and as Manager Production and Maintenance at Chic Garments. He then joined Abtex Apparels as Plant Manager and then worked with Unibras as Project Manager

After immigrating to Canada, Mr. Ali Shabbir decided to give the P.Eng. certification his top priority. He got support from many of his NEDAC

friends. But it was his hard work and commitment to the cause which brought him success.

NEDAC Board appreciates the efforts of Mr. Syed Ali Zamin and Mr. Ali Shabbir and wishes them the best for their professional careers in Canada.

EMPLOYMENT

Mr. MOIN KHAN joined the Ministry of Transportation Ontario (MTO) as Project Engineer.

Moin is a Civil Engineering graduate of NEDUET of the 1993 batch.. After his graduation, he started working with the consulting firm Engineering Associates in their highway division. He migrated to Canada in December 1997. Moin is among one of those engineers who got their first job in their field of profession in Canada.

Moin joined Marshall Macklin Monaghan (MMM) as designer as his first job in Canada in 1998 and since then he has been with MMM. Prior to joining MTO, Moin was working with MMM as Senior Transportation Engineer and Associate. Moin is a registered professional engineer with the Professional Engineers of Ontario. He has an expertise in highway design, functional planning, surveying, grading design and GIS.

Ms. SUHAILA AHMED, an Electrical Engineering graduate of NEDUET of the 1993 batch and a NEDAC member, was hired by the City of Toronto as Enterprise Network Solution Specialist in the City IT office. NEDAC Board congratulates Ms. Suhaila Ahmed on her success.

After her graduation Suhaila got married and did not work in Pakistan. She migrated to Canada in 1997 and started her career with the Bridge Information System in Toronto as Remote Support Analyst in 1998. She also worked for RIM. Prior to joining City of Toronto, she was working for the HP since 2006 as Network and Security Analyst.

While working with these firms, Suhaila decided to get professional certifications for her professional growth. For this purpose, she started getting the certification one after the other. So far she has got the certifications of MCSC from Microsoft and

CCNA, CCNP & CCIE from Cisco. She prepared herself for these certifications by doing self-studies without going to any educational and professional institutes. Suhaila advised NEDAC that she is willing to help NEDAC members who are looking for guidance similar to her profession. She may be contacted at sahmedr@sympatico.ca.

Ms. AZMAT PARVEEN (Civil Engineering graduate of NEDUET of 1998 batch), Mr. MAJID WAHAB KHAN (Civil Engineering graduate of NEDUET of 1998 batch) and Mr. PERVAIZ SIDDIQUE (Civil Engineering graduate of NEDUET of 1998 batch) were hired by the Metropolitan Consulting Inc., The City of Hamilton and the City of Guelph respectively as the Traffic Operations Assistant on co-op temporary jobs. Ms. Parveen and Mr. Khan are active NEDAC members. These NEDians joined their respective employers in January 2010.

These three NEDians can be examples for other NEDians. They had tried hard to get into the main stream of Canadian job market but nothing happened for them for last several years. Then on the advice of some NEDAC members, these NEDians took a brave decision to go to the college to upgrade their skills as per the Canadian requirements. They started a full time co-op program in Transportation Engineering

Technology in the fall of 2009 in Mohawk College Hamilton. They were commuting from Toronto to Hamilton on daily basis including some week ends with the aim to complete the semester and get in to their field of engineering. They have family obligations but they stood behind their commitments; and in the end they were rewarded.

One can imagine, how difficult to be in a college at this age with other young Canadian born students of 18-20 years old. These NEDians went through a real hard time, but their hard work is now getting the reward. They know where they are heading to.

The NEDAC Board wishes them all the best for their future and success in their careers.

OBITUARY

The mother of Mr. Aman Shabbir Siddiqui, Member Editorial Board of 'NEDAC News' passed away in Karachi, Pakistan on 18th March 2010. Mr. Aman had to rush to Pakistan on this tragic occasion. May Allah grant her *maghfirah* and a place in *Jannat e Firdous*. May Allah give patience to her family. Ameen.

NEWS FROM NEDUET

ANNUAL CONVOCATION OF NEDUET

The annual convocation of NEDUET was held on the 17th March 2010 at its premises. The convocation was presided over by the Sindh Governor, Dr Ishratul Ibad Khan, who is also the Chancellor of the NEDUET. Over 813 students were awarded the BE, BCIT, ME and PhD degrees.

Speaking on the occasion, the Chancellor said that seven years ago the NEDUET took in 995 undergraduate students and the number of disciplines was 11. Over the years the intake increased to 1917 and the number of disciplines to 19 in Engineering, besides one each in Architecture and Computer Science, he added.

The Chancellor also appreciated that this year the number of PhD degrees awarded had increased which showed the university's approach towards research. He also announced a cash prize of Rs10,000 for each position holder on his behalf.

S. P. E. C.

Student's Project Exhibition and Competition, (SPEC) is a platform for engineering students, faculty and professionals to present the latest research trends and development in the field of Electronics Engineering. This event is on 19th April 2010 and participants from the fields of Electronics, IT, Telecommunication, Electrical, Computer and Information System, Bio-Medical Engineering, Mechatronics will participate.

OBITUARY

Prof Afaq Ahmed of NEDUET Civil Engineering Department passed away at Liaqat Medical Hospital after a short illness on 27th February 2010.

Prof. Afaq was also a graduate of NED of 1958 batch. He secured first position in final year. He joined NED in 1976 and taught Mechanics, Strength of Materials and Structure. Prior to joining NED, he worked with various contractors, consultant and planners. He founded Engineering Consultant (EC) in early 1960s with Mr. Zaheer Mirza and others but quit it after some time. He had been a man of principles.

His wife passed away in 1994 and he left behind two sons and a daughter (all three are graduates of NED). May Allah grant him *maghfirah* and a place in *Jannat e Firdous*. May Allah give patience to his family and thousands of his loving students Ameen.

NEWS FROM NEDUET ALUMNI IN NORTH AMERICA

NEDAASC 2010 ESSAY COMPETITION

NED Alumni Association of Southern California (NEDAASC) is holding an essay competition for all currently enrolled students of NEDUET in good standing. This is an individual competition.

The purpose of this essay competition is to allow the imagination of the students of NEDUET to share their ideas as how to transform NEDUET to a pre-eminent research institution of engineering and technology in the world. The topic of the essay is 'Transforming NED into A World Class Research University'.

The deadline for submitting the essay for consideration in the competition is 30th April 2010 and the results will be announced on 1st July 2010. Prizes of PAR 35000, 25000 and 15000 will be awarded to the 1st, 2nd and 3rd ranked essays

NEDAASC SCHOLARSHIPS FOR STUDENTS OF NEDUET

NEDAASC scholarship program for students was initiated in 2008. This program helps make engineering education attainable for current NED students. It is monitored by NEDAASC, and is administered with the assistance of NEDUET staff. It started with 10 scholarships in 2008, increased to 19 in 2009 and now as a goal of 30 for 2010.

At a NEDAASC gathering, NEDian Ashraf Habibullah (BE Civil/1969), President & CEO of CSI, a Berkley, California based structures software company, pledged US\$ 10,000 matching fund for this year and US\$ 20,000 for the next year. This potentially translates into US\$ 20,000 for year 2010 and US\$ 40,000 for 2011 for deserving NED students.

JUST SMILE

Pochcha ek roz main nay begam say
Khana tum ko banana aata hai?
Hans kay boleen na dar maray shauhar
"MURGHA" mujhko banana aata hai !

Contributed by Syed Ahmed Junaid – BE Mechanical/1984.

SPECIAL FEATURE

NEDIAN's PROJECT WINS 'PROJECT OF THE YEAR' AWARD

Mr. Atiqur Rehman is a Civil Engineering graduate of NEDUET of 1993 batch. Recently one of his designed projects for the City of Mississauga was awarded the 'The Project of the Year' award by the Ontario Public Works Association. It is an honour for Pakistan, the NEDUET and NEDAC. On behalf of NEDAC Board I take this opportunity to convey heartiest congratulations to him. The Board wishes him many more such achievements and successes in future.

Editor NEDAC News

ONTARIO PUBLIC WORKS ASSOCIATION PROJECT OF THE YEAR AWARD

The Ontario Public Works Association (OPWA) Public Works Project of the Year Award was established to promote excellence in the management and administration of public works projects by recognizing the alliance between the managing agency, the consultant and the contractor who, working together, complete public works projects as a team.



The following eligibility criteria were used by OPWA for selection of this project as 'Project of Year':

- Project Cost more than \$10 million
- Transportation category including roads, bridges, mass transit etc.
- Use of good Construction Management Techniques and completion of the project on schedule
- Project is substantially completed and available for public use;
- Safety performance and demonstrated awareness of the need for a good overall safety program;
- Demonstrated awareness for the need to protect the environment during the project;
- Value Engineering, design innovations and exceptional efforts to maintain quality control; and
- Aesthetics consideration

THE YEAR 2009 AWARD

The OPWA Public Works Project of the Year Award for 2009 in the category of Transportation (greater than \$10 million) was awarded to the project of City of Mississauga, Rehabilitation and Retrofit of the Burnhamthorpe Rd. Bridge over Credit River. The contractor for the project was Torbridge Construction Ltd. While the consultant were Giffels Associates Ltd. / IBI Group.

Mr. Atiqur Rehman was overall responsible for performing the complete structural design and was involved as the main design engineer for this project and has undertaken the detailed design of rehabilitation of all four bridges and cantilever

design of exodermic decking system. He was also involved in the preparation of tender documents, specifications and engineers estimate. Mr Atiq was also responsible for the complete construction administration of this project and has played a vital role in the successful completion of this project on time and within budget.

BRIEF BACKGROUND OF THE PROJECT

As part of the City of Mississauga's efforts to expand its trail system, a Class EA and rehabilitation and retrofit program was undertaken for the Burnhamthorpe Road bridges over the Credit River and Mullet Creek. The works included widening of the bridges to accommodate a mixed used trail for pedestrians and cyclists, and the separation of live traffic from pedestrians/cyclists to improve safety measures.

Two lookout points with seating overlooking the Credit River have been added to the trail on the bridge to allow for pedestrians to enjoy the natural beauty of the Credit River Valley. Aesthetically pleasing curved architectural railings have been added to the exterior of the bridges to complement the parabolic shaped soffit of the structures.

Ancillary works included maintenance items and repairs to the bridge and its components to extend the life of the structure and reduce future maintenance needs. This was accomplished with the use of FRP (fibre reinforced polymer) reinforcing in all new concrete components, which eliminates concerns of corrosion of reinforcing bars, reduces future maintenance costs and adds to the City's infrastructure sustainability plans.

Innovative methods/techniques/systems used on the project include the use of FRP reinforcing and the use of an exodermic decking system for the widening of the bridges to accommodate the mixed use pedestrian/cyclist trail. This decking system, used for the first time in Ontario, on a previous project by the consultant (Hartman Truss Bridge, a designated heritage structure), allowed for the increased dead and live load onto the structures without need for strengthening the existing bridges.

The exodermic deck system, along with the architectural railings and lookout points are all

made of galvanized steel to allow for uniformity in appearance of the retrofit works, and to contribute to the context sensitive solution being implemented. As part of the context sensitive solution being implemented, area residents were included as part of the design team from the conceptual phase with the use of a Public Information Centre.

The works were undertaken with environmental protection in place to ensure no debris from construction entered the environmentally sensitive Credit River and Valley and Mullet Creek below. All this was accomplished under a tight project schedule (start date June 2009, end date December 31, 2009), with active participation in project/construction schedule control by the owner, consultant and contractor working as a team, while maintaining traffic in each direction throughout the construction period, and no lost-time injuries.

PROFILE OF MR. ATIQR REHMAN

Mr. Atiqur Rehman, P.Eng. is a Civil Engineering graduate of NEDUET of the 1993 batch. After his graduation, he joined Engineering Consultants International Ltd (ECIL) Karachi in 1994 and worked there as a Senior Engineer for five year.

He joined Pakistan Housing Authority in Islamabad as Project Management Engineer and worked there for four years. He later joined Halcrow Group Limited as Manager Bridge Department and worked there for four years in their Islamabad, Karachi and Middle East Offices.

Mr. Atiqur Rehman migrated to Canada in 2007 and joined Giffels Associates Limited as Bridge Designer. He is currently working as a Senior Bridge Engineer within the infrastructure group of Giffels Associates Limited / IBI Group.

Mr. Atiqur Rehman has more than 16 years of progressive design and construction experience in the field of bridge design, evaluation and rehabilitation of existing structures. He is also well versed with the modern techniques used in project management, contract administration and inspection for various multi-million dollar projects in Canada, Middle East and Pakistan.

NEDAC MEMBERS - THE EXTRA-CURRICULARS

CRICKET

Mr. IRFAN ARAB is an Executive Member of the present NEDAC Board and is the Chairperson of the NEDAC Sports and Recreation Committee. He is a big fan of cricket and an all rounder cricketer. Irfan has always been a good sportsman and a progressive professional engineer.

He is a Civil Engineering graduate of NEDUET of 1985 batch. He migrated to Manitoba, Canada in 1987. He played a local league in Manitoba and made a highest average in his first appearance in the local league. He was selected for the province of Manitoba. In 1991, he came to Ontario for his higher education of Master's in Construction Management from the University of Waterloo.

Irfan never kept himself away from sports so he joined the local league again. He became one of the best cricketers in the southern Ontario. He played for regional team of southern Ontario for many years. He has also represented the Ontario team as an all rounder. Irfan still plays for the local league and coaches junior players in Mississauga.



Currently, he is working for the Town of Oakville as a Senior Project Leader utilizing his expertise on various infrastructure projects in the municipality.

MARATHON RACE



Mr. ISLAM NABI KHAN is the Social Secretary of the present NEDAC Board He is also the Chairperson of the NEDAC Social Committee. He is a Mechanical Engineering graduate of NEDUET of 1974 batch.

He loves running Marathon race. He had participated in two events of the Scotiabank Toronto Waterfront Marathon (STWM), which is an annual event of Toronto. The features of this event include the Marathon, the half Marathon and the 5 Km races. The event starts and finishes in the same spot in the heart of downtown Toronto at the City Hall. They participants of the Marathon head out and back along the lakeshore on a flat course.

Islam Nabi clocked 2 hours 5 minutes and 2 hours 6 minutes in the two 24 Km half-Marathon races. He is a regular runner and participates in these events along with his professional commitments at his workplace successfully.

A HEART WARMING ENCOUNTER IN VIENNA

By: SHIRAZ EHMANI, P.Eng.

Mr. Shiraz Rehmani, P. Eng., is a Mechanical Engineering graduate of NEDUET of 1970 batch. He is the present General Secretary and the Chairperson of the Professional Development Committee of NEDAC. His superior literary capabilities are evident in the following article written by him.

Editor NEDAC News

It was a cool July morning in Vienna on a Sunday. My wife Samina and I had gotten off the Metro at the Karlsplatz station and were making our way to the Haus der Musik museum on foot. The persistent morning drizzle was just petering out and the sun was daring to make its appearance for the first time that morning. Due to the cold and drizzly conditions there were only a couple of dozen or so people in the plaza at the time. This seemed like a good opportunity for us to stop and take some memorable pictures of the beautiful Karlsplatz – little did we know just how memorable one of those pictures would become!



As I was getting the camera ready, we noticed a beautiful baby girl walking from across the plaza with a purposeful baby stride in our direction. She appeared to be about a year and a half old, dressed in her Sunday best with a lovely white bonnet on her head. Her grandfather was walking in tow with her keeping a watchful eye on her progress. She stopped a few meters short of us and broke out into the sweetest smile that we had ever seen. Impressed by her friendliness we just could not help but smile and wave to her.

I was thinking that we should proceed with our picture taking before the sun decided to go into hiding once more. I asked Samina to pose for a picture with the beautiful plaza structure in the backdrop. As soon as she stopped to pose, the baby went right up to her and with the unmistakable gesture that all babies make indicated that she wanted to be picked up. Samina looked uncertainly at the baby's grandfather standing a few steps away for any indication of approval. Used to the North American norms she could not bring herself to pick up the baby without parental approval. However the baby was so insistent that she finally gave in and picked her up. The baby smiled happily and the few onlookers let out a collective aww at this unusual sight. I got my first picture of the plaza with the baby in Samina's arms!

What happened next was even more remarkable. The grandfather was talking to the baby in German and Samina could guess that he was asking her to go with him to her mother. So she gently let the baby down on the ground. The baby immediately grasped Samina's index finger in her hand and started pulling her in the direction from where she had first appeared. In the meanwhile the grandfather kept telling the baby to come to mama. Since Samina did not have a clue as to who the baby's mother was she would pause near each woman who appeared to be the right age. Each time she stopped, the baby pulled her firmly on.

Finally she saw the baby's mother and grandmother pushing a perambulator in their direction. Apparently they were coming from a church service and had fallen behind the baby and her grandfather. The mother gestured for the baby to come to her from a distance of some 10 meters. Seeing this, Samina stooped down to baby's level and started pointing to the mother encouraging her to let go of the finger and go to the mother.



The baby however was having none of that – she started walking towards her mother firmly pulling Samina’s finger. When she finally stopped she looked up smilingly at Samina and her mother as if introducing them to each other. There were huge

smiles all around with the mother and grandmother greeting Samina in German and Samina greeting them back in English. Although they did not speak each other’s language the warmth of human contact achieved by this wonderful baby was something great to see. The mother warmly shook Samina’s hands and she was finally able to leave the baby and walk back towards me.

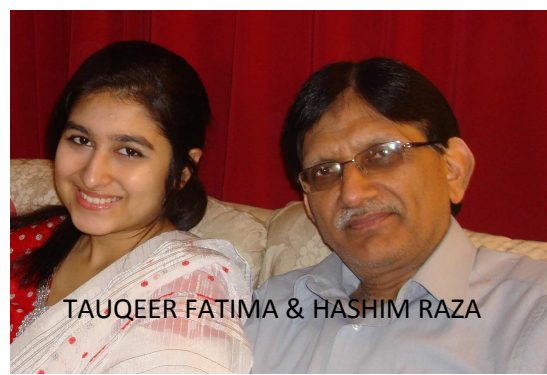
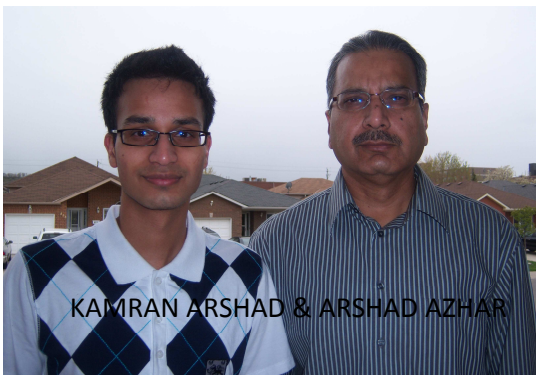
Every one in the plaza that day basked in a warm and wonderful glow of human contact that this wise little baby had achieved by transcending all artificial barriers of age, race, colour, culture, nationality, language and religion. Perhaps she has much to teach the leaders of this world on how to achieve world peace and universal brotherhood.

Samina and I left the plaza with a warm glow that lasted all throughout the day and for the rest of our trip to Europe. This encounter has indeed become one of the most memorable ones of our lives.

LIKE FATHER LIKE SON/DAUGHTER

At least the sons and daughter of four NEDAC members have started their first year engineering in the fall of 2009 at the McMaster University, following the footsteps of their parents in choosing their career path. These are:

- Aimal Gul s/o Waqar Gul (BE Mech 1988)
- Moeed Siddique s/o Ejaz Siddique (BE Civil 1981)
- Tauqeer Fatima d/o Hashim Raza (BE Civil 1982)
- Kamran Arshad s/o Arshad Azhar (BE Civil 1984)



Note: In spite of many follow-ups, 'NEDAC News' could not get the photographs of Moeed Siddique and Ejaz Siddique.

NEDAC Board congratulates these individuals and their parents and wishes them the best for their future.

PROTECTION FROM CANCER BY DIET AND EXERCISE

By: AYESHA VIQAR AHMED

Mr, Masood Viqar Ahmed is a Mechanical Engineering graduate of NEDUET of 1989 batch. His daughter, Ms. Ayesha Viqar Ahmed, a student of 8th Grade has contributed the following article to NEDAC News. This is published to acknowledge her efforts and to encourage contributions from other Members/their families. Editor NEDAC News

"Disclaimer Statement:

Whilst every effort has been made to ensure the accuracy of the information provided, NEDAC News cannot be held responsible for the content. Opinions expressed herein are those of the student author and caution must be exercised in following any health related advice being offered.

People mostly think they know all about cancer. I also I thought so, but after reading an article by Johns Hopkins University on skin cancer, I knew there was a lot more to learn. I want to share the same information with my fellow citizens.

A long research at Johns Hopkins University has concluded that cancer cells are found in every human body. During cancer tests if doctors tell people that they have no cancer cells in their body it just means that they are unable to detect any, because they haven't yet multiplied to a specific detectable number. Cancer cells need to reach about a population of few billions to be detectable.

People can get cancer through nutritional deficiencies due to environmental, food, genetic and/or lifestyle factors. If a person's immune system is strong, then cancer cells can be prevented from multiplying. Immune system can be made strong, by diets and taking supplements.

Another way to battle cancer cells is by starving them. For this, you will need to eat specific food or stop eating certain types of food. For example, sugar is a BIG cancer feeder. By cutting back on sugar you are cutting back on a major cancer cell feeder. Next we have milk. Milk is good for our bodies as it causes body to produce mucus which is good. But in this case it's not, because cancer cells feed on mucus. By cutting on milk and switching to freshly squeezed organic vegetable juices, cancer cells are starved.

Another important food is meat. A meat-based diet is acidic. It is best to cut back on it and eat fish and chicken rather than beef. Meat protein is very hard

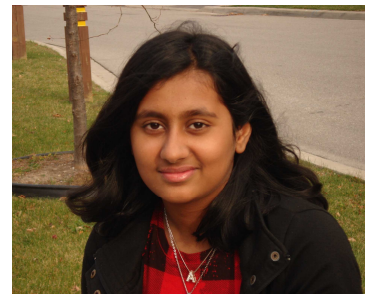
to digest and requires lots of enzymes. Cancer cells have tough protein covering. If you eat less meat it frees more enzymes to attack the protein walls

of cancer cells and allows the body's killer cells to destroy the cancer cells. Meat also contains livestock antibiotics which are harmful for the body especially for people with cancer.

Also, avoid coffee, tea and chocolate because they have high caffeine. Green tea is better and has cancer fighting substances or properties. Filtered water is best to drink, to avoid toxins and heavy metals in taps. Distilled water is acidic, avoid it.

Lastly, a very important point about cancer is that it is not only a body disease but also a mind and soul disease. A proactive and, positive attitude will help the cancer warrior to survive. Bitterness, anger, un-forgiveness and grudges put the body in a stressful environment. Learn to have a positive attitude towards life. Forgive and forget. Hang out with people that make you feel happy and relaxed. 'Why wreck your today worrying for tomorrow'.

In conclusion all I want to say is that this information is very important, so please share it with everyone, even people who don't have cancer. Just in case they might have a relative or someone who has cancer. As some wise man has said, 'knowledge is power.' You can never have too much of that.



ON THE FIRST ANNIVERSARY OF SON

By: SHAH QUARIN AHMAD.

Mr. Shah Quarin Ahmad is a Civil Engineering graduate of NEDUET of 1982 batch. His only son, Shah Kamran Ahmad, died in a tragic road accident on 13th February of last year. The following poetry was written and read by Mr. Shah Quarin Ahmad himself in the memory of his son on the first death anniversary of Shah Kamran Ahmad. You will feel the immense pain he has for his beloved son.

Editor NEDAC News

بقلم: شاہ قرین احمد بموقع کامران کی برسی بمقام: عثمان غوثی مسجد بتاریخ: ۱۳ فروری ۲۰۱۰ء

کامران کی پہلی برسی - کیفیت

﴿شاہ کامران احمد - تاریخ پیدائش ۱۸ نومبر ۱۹۸۶ء وفات ۱۳ فروری ۲۰۰۹ء﴾

سال اک بیت گیا، تم کو نہ دیکھا ہم نے
ہونٹ پر مہر ہے اور، آنکھ سے بہتا ہے لہو
کہیں کپڑے ہیں، کتابیں ہیں، تو تحریریاں
بعد عرصے کے نظر آیا تمہارا جو گٹار
جو ڈرم گونجتا رہتا تھا بڑا قربت میں
جب خیال آیا پکارا نہ تمہیں مدت سے
حادثہ ہو کوئی جیسا بھی گزر جاتا ہے
مر کے جینا کسے کہتے ہیں، یہ سیکھا ہم نے
بے بسی خد ہے پریشان، یہ دیکھا ہم نے
گھر میں موجود ہر اک شے ہے مگر تم ہو کہاں
چھو جب تار تو پھر رونے لگا زارو قطار
آج خاموش ہے افسردہ بڑا فرقت میں
تو اکیلے میں دی آواز تمہیں شدت سے
جسم بے روح کا اب دہر سے کیا ناٹہ ہے

جب کے ہر ریشہ جاں روتا ہے آنسوؤں کے
لوگ کہتے ہیں بہادر میرے نغمے سن کر
قمقمے ہیں، تو کہیں رقص لیے ہاتھ میں ہاتھ
ظاہرہ روپ میرے دیتے ہیں سبکو دھوکے
پر جو آنسو بہیں خلوت میں وہ جانیں کیونکر
درد کا اپنے تو بندھن ہے میری سانس کے ساتھ



URDU GHAZAL

By: SYED MANZAR ZAIDI

Mr. Syed Manzar Zaidi., is a Mechanical Engineering graduate of NEDUET of 1978 batch. He has got a great love for Urdu literature. He himself is a poet. His following Ghazal is a good reflection of his good literary capabilities.

Editor NEDAC News

غزل

ہشتم گریاں ڈھونڈتی ہے مدد ہمیں پر چاندنی

راز وہاں دورِ فرقت ہے زمیں پر چاندنی

تھنکس پاؤں مار سے زینت ملی تھی الفراق
تھی تکی ہے تیرے لہجے میں پر چاندنی
جس سے ہو روشن زمانہ ہر کیس پر چاندنی
چار دن سے بھی زیادہ ہے ہمیں پر چاندنی
ہنڈ آسمان پر ماہِ کامل اور زمیں پر چاندنی
زلفِ رودادِ اسیری عنبریں پر چاندنی
رک نہ پائیگی صنم روئے حسین پر چاندنی
ناز کرتی ہے اسی مسندِ نقشب پر چاندنی
ہشتم قاتلِ مثلِ آہوسر مہ گیس پر چاندنی
ہے سروِ بوجاں بھی جب سے سماں نظروں میں ہے
چاندنی پر ناز نہیں ہے ناز نہیں پر چاندنی

وصل کی شوشی وہ تیرا چاندنی پر لوٹا

مر کے مٹھو دیکھتے ہیں بس وہیں پر چاندنی

بکری مصرعہ طرح از امیر مینائی

نتیجہ فکر سید مظفر زیدی - قطر - ان بی ڈی ک ممبر: ۰۰۲۶