

Introduction

Our chapter has made significant achievements during the year of 2011. We have not only maintained the rhythm but also added many new events in this year. These achievements are mainly due to very good participation and support by the Scarborough Chapter members specially our volunteers whose contribution is recognized by the many projects they engaged in successfully. We are glad that PEO, the City of Toronto and the Government of Ontario are also recognizing our achievements.

2011 Annual General Meeting (AGM)

Annual General meeting was held on Saturday January 29 2011. The following Board of Executives (BOE) were elected for the year 2011:

Chair	<i>N. Asogan, P.Eng.</i>	Executive	<i>Alireza Shamshiri, EIT</i>
Vice Chair	<i>Ranee Mahalingam, M.Eng., P.Eng.</i>	Executive	<i>Parvez Akhtar, EIT</i>
Past Chair	<i>Raju Chander, M.S., P.Eng.</i>	Executive	<i>Dr. Jega Jeganathan, P.Eng.</i>
Secretary	<i>Uthayan Thurairajah, M.Sc., P.Eng.</i>	Executive	<i>Pompilian Tofilescu, EIT</i>
Treasurer	<i>Murad Hussain, M.Eng., P.Eng.</i>		

Forty eight (48) members and guests participated in 2011 AGM which was followed by short speeches by the candidates contesting the PEO elections in 2011. All 2011 PEO election candidates were invited to attend the AGM and meet the chapter members. Eight candidates contesting for President, Vice President, Councilor-at-large and East Central Regional Councilor participated and presented their case to the members. This was followed by a presentation on “Essential Skills for Exceptional Engineers” by Peter S. Taylor of Peter Taylor and Associates Inc.

Monthly Board of Executives (BOE) Meetings

Chapter conducted regular monthly meeting of the Board of Executives. A total of twelve (12) open and two (2) in-camera meetings were held. The chapter web site carried the notice of meetings and thus encouraged all members to attend these meetings. This made the chapter more visible and more volunteers participated in chapter events. This has encouraged new volunteers to serve in the chapter board. Minutes of BOE meetings are also available on the chapter web site.

Chapter Newsletters and our Web-site

For the reporting year 2011, we were able to publish two (2) Newsletters, thanks to the untiring efforts of our Executive-cum-Editor: Pompilian Tofilescu. The newsletters are published in our Website; as well as all our activities have been well documented in our Website by our enthusiastic Chair-cum-web master: N. Asogan. See our web-site: www.scarborough.peo.on.ca

OUTLINE OF MAJOR EVENTS

Bridge Building Competition 2011

Our 8th Annual Popsicle Stick Bridge Building Competition for school children (lovingly nicknamed “BBC”) was held on Saturday March 5, 2011, in collaboration with National Engineering Month. This year, new

schools joined the competition for the first time. The number of participants and the quality of bridge building dramatically improved. The event accommodated 80 teams, approximately 180 students from Public, Catholic and private schools in two levels – grades 3 to 6 – junior level and grades 7 & 8 – senior level. The strongest bridge withstood 366 kg before breaking, which set a new record. Chapter Secretary Uthayan was the project Manager for this event.

Several dignitaries were in attendance, including Hon. Councilor Dr. Raymond Cho of Ward 43, Hon. Councilor Chin Lee of Ward 42, Eric Yao, Senior Engineer, Ministry of Transportation Ontario, and PEO Councilors Thomas Chong and Denis Carlos.

Government Liaison Program (GLP)

i. Family Day Event

Hon. Brad Duguid, MPP, Minister of Energy, organized a Family Day event on February 21, 2011 at the Scarborough Civic Centre. Chapter members Asogan, Madu and Raneer assisted with refreshments to the visitors.

ii. Political Events

The Chapter participated at number of political events, notably Campaign openings of veteran and new politicians during the recent Provincial Elections. Chapter GLP members Alireza, Urszula and Asogan participated at Hon Margaret Best, MPP's campaign opening. GLP member Urszula participated in events of Hon Bas Balkissoon, MPP, and Hon Brad Duguid, MPP. Chapter Chair Asogan participated at events of new candidates Ms Soo Wong of Ont.LP and Dr. Liang Chen of PC parties.

Aspiring Engineering University Entrance Scholarship

Aspiring Engineering Scholarship was awarded for the third time to promote engineering among the Grade 12 students and our chapter administers the selections within the Scarborough community.

On November 29, 2011 during a special ceremony included in the Fall CPC, the Chapter awarded these scholarships to eight students who entered Ontario Universities to study engineering. Two (2) students (one male and one female) received each worth \$500.00 from PEO and six (6) other students received scholarships of \$ 150 each from Scarborough Chapter. Details about the application process are posted on the chapter website. For pictures and team results, and links to media coverage, please visit our website at: www.scarborough.peo.on.ca/events/2011/mar05-bbc

Mathletics Competition

Mathletics competition developed by PEO Scarborough Chapter and made very popular in the province by our past chair, Raju Chander. It is designed to create a passion for application of mathematics in engineering and daily life. We have an active team of volunteers creating and updating a large question bank. Jega was the Project Manager and Paul Morton was the question bank lead.

This year Mathletics competition was held at Scarborough Civic Centre on November 12, 2011 where 74 junior students and 54 senior students registered for the competition and about 80% of the students participated in each category. Several dignitaries and guest speakers were in attendance including Hon. Corneliu Chisu, MP, Pickering–Scarborough East, Hon. Soo Wong, MPP, Scarborough-Agincourt, Mr.

Ken Campbell P. Eng., Vice President, R.V Anderson Associates Ltd.

It was a resounding success. This event was not possible without constant support of PEO Scarborough Chapter members and volunteers.

Other Chapters and organizations

- ❖ The chapter extended assistance in conducting Mathletics to Panorama India – A community organization of people of Indian origin in Brampton. It was held on October 2, 2011. 30 children competed in Junior and 23 in senior categories.
- ❖ Brampton Chapter conducted their First Mathletics competition with Scarborough Chapter assistance on December 3, 2011.

Family BBQ

The first time Family BBQ event of the PEO Scarborough Chapter was held at the attractive Bluffers Park Bar on Saturday June 25, 2011 and was very well attended (over hundred people) by members and their family. Chapter Secretary Uthayan was the project Manager for this event.

Despite the threatening weather, the turnout was higher than expected. This event was well organized not only for the adults but especially for the children. The adults took part in the Bingo, Puzzle and Guessing Game while the kids were occupied with the Coloring contest, tug-o-war, spoon races, and other athletic activities. It was a great opportunity to socialize with other engineers and their family.

The food was delicious in variety, quality and quantity. All in all it was a great day of fun for the attendees and their kids. For a first-timer BBQ social event was a great success.

Certificate Presentations Ceremonies (CPC)

The PEO Scarborough Chapter conducts presentation of license certificates (P. Eng.) to newly licensed engineers in spring and fall annually. In May 2011 (Spring), thirty nine (39) new engineers received their license and in November 2011 (Fall) twenty five (25) new engineers received their license. On these occasions, we recognized the services of our great volunteers. Vjayanthi Chander, P. Eng. is a longtime active volunteer of our chapter received certificate on November CPC.

Technical Seminars

We have conducted a number of Technical Seminars. They were all well attended and received.

Date	Description
15-01-11	Engineering Your Future by Design by Royal Bank of Canada
29-01-11	Essential Skills for Exceptional Engineers” by Peter S. Taylor of Peter Taylor and Associates
29-04-11	Review of Nuclear Power to understand the Japanese catastrophe by Raju Chander, M.S., P.Eng.
26-05-11	Principles of Success by N. Pas Paskaran
31-05-11	Significance of Technical Standards and Safety by Vaqar Raees of TSSA
29-06-11	Industrial Exception by Marisa Sterling, P.Eng. - Manager, Industrial Exception Repeal

11-08-11	Storm water Management by Shah Alamgir, M.Sc., PGD, Ph.D., P.Eng.
01-11-11	Everything you always wanted to know about Traffic Engineering by David Richardson, PTOE, P.Eng.
29-11-11	Engineering at Ontario Power Generation by Mark Elliot – SVP & Nuclear Engineer OPG

Mentorship Program for EITs

Scarborough Chapter continues to participate in Mentorship Program of PEO whereby EIT's are guided towards their goal of obtaining Professional Engineering (P. Eng.) license on a one to one basis by another P. Eng. mentoring.

On December 13, 2011, an orientation program was held where about 20 pairs of mentor/mentee participated.

Volunteer Training Program

Scarborough Chapter has initiated a Volunteer Training Program. Under this program we conducted Microsoft Word hands-on training course on October 29, 2011 in a computer Centre kindly offered by Marketplace Ministries, Midland Avenue, Scarborough, Ontario. This Microsoft Word Training was conducted by chapter Treasure Murad Hussein.

Recognition of Volunteers – With Spring CPC – Ken Chiu was presented with his FEC certificate and pin. Dr Santosh Gupta and Ken Chiu were presented with Ontario Volunteer Service certificates and Pins. Raju Chander, Madu Suthanan were recognized with certificates for service in the Board of Executives and Maha Mahalingam, Arul Thiagarajah, Rani Madu were recognized with certificates for their volunteer service at events.

With Fall CPC, Raju Chander and Raneer Mahalingam were recognized with 5 Year Volunteer Pins from PEO marking 50 year of Chapter System of PEO.

Statistics of Significant Achievements:

12 Board of Executives meetings were held regularly. Meetings were well attended with an attendance averaging to fourteen (14) consisting of BOE members and volunteers. Nine (9) Board of Executives and, ten (10) very active and thirteen (13) active volunteers were contributed to this success.

- ❖ 15 Events conducted in 2011.
- ❖ 64 Newly licensed engineers were ceremonially presented with their certificates.
- ❖ One (1) Hands-On training course was provided for active volunteers.
- ❖ One (1) BBQ Events was introduced.
- ❖ TD Meloche Monnex Sponsorship Program for PEO Chapters

Conclusion

These are very great achievements for PEO SC. Our volunteers can be rightly proud of their achievement and success. We encourage more of our PEO SC members to volunteer in chapter activities and the board, and save the taste of achievement and satisfaction of helping our profession and our community.

Uthayan Thurairajah, M.Sc., P. Eng., Secretary, PEO Scarborough Chapter