

MME Newsletter – July 2018, Vol.4, Issue 2

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Editor's Note:

On behalf of the Department, we sincerely wish you a wonderful summer of 2018 and welcome you to our latest issue of the MME Newsletter! This July issue serves as a "what's on" venue for the Department covering a period from February to July 2018. You will be abreast of some recent news of the Department and people.

Kit Fai PUN,
The MME Newsletter Sub-Committee
31st July 2018

A) From HOD's Desk

As the 2017/2018 academic year draws to a close, I wish to extend my warmest wishes to all in this July edition of the Department of Mechanical and Manufacturing Engineering (MME) newsletter. The end of a school year could be invigorating, exhausting, and sometimes filled with anxiety. Despite continued campus' financial constraints, the Department has demonstrated an unwavering passion for the development and transmission of knowledge, innovation and research. I would like to take this opportunity to wholeheartedly thank you all for your continued support.

In the second semester of the 2017/2018 academic year, we have hosted a plethora of activities in the MME. During the month of March, workshops were conducted to the general public and were facilitated by specially invited international subject matter experts such as Professor Andrew Jardine from the University of Toronto, Canada and Professor Rickey Dubay from the University of New Brunswick, Canada and. These workshops exposed participants to the principles and theories of maintenance and artificial intelligence, paving the way for innovative thinking.

During the month of March, the Department invited Professor Emeritus John EL Simmons from the

UK as External Examiner. He played a pivotal role in the Department's way forward for world-class status by meeting the Accreditation of Higher Education Programmes 3 (AHEP3) standard. We look forward to providing a teaching and research space that will be both stimulating and inspirational.

Moreover, the Department is pleased to relay that our Annual Conference and Exhibition was a roaring success! The event took place on Wednesday 23rd May, 2018 under the theme - Engineering the Future. A prize system was introduced for our specially-selected final-year project students. We are pleased to announce the winners of the Conference and Exhibition Prize Award, Mr. Dillon Chong being the first place with his design and build of a 3D printer. Mr. Joshua Deonarinesingh won the second place with his design and build of a cadet class electric go-kart, and Miss Lynessa Leonard, the third place with her modified vibratory soil compactor. Special thanks also go to our industry partner, Mr. Michael Reece from *Concepts and Services*, without whose donations, the prize award endeavour could not be possible.

I want to take this opportunity to remind our students of the numerous opportunities to participate in student organisations and emphasise the importance of creating network links as you begin

your professional career. The American Society of Mechanical Engineering (ASME), the Society of Manufacturing Engineers (SME), and the Institution of Mechanical Engineers (IMEchE) student chapters have been among the most active in the campus during the past few years.

Whether you are a current or former student, a potential student, or a visitor, please feel free to contact us at Mechanical.Engineering@sta.uwi.edu

with your questions and inquiries. I look forward to corresponding with you. I also want to encourage you to visit webpage, <http://sta.uwi.edu/eng/mechanical/>, to keep abreast of the various activities of the Department.

Professor Boppana V. Chowdary
Head of Department

B) News and Events of the Department

1. Postgraduate Lunchtime Seminar Series, February-May 2018

Five (5) postgraduate students presented their respective research in the Postgraduate Lunchtime Seminar Series during Semester 2 of the Academic Year (AY) 2017/2018. Four presenters are at the beginning of their research programme. The seminar series was therefore an opportunity to get feedback from their colleagues to help shape their research programme.

Highlights of these postgraduate seminars are:

- 1) Mr. Shivan Ramnarace outlined his proposed research project of designing a nonlinear vibration absorber (NVA) capable of reducing vibrations of a mechanical system over a broadband of frequencies. He highlighted the gaps identified by his literature review and discussed how this would inform his approach towards development of a novel NVA.
- 2) Mr. Ravi Babooram reviewed several models of the engineering design process. He outlined the main features of each model and highlighted their commonalities. This information is to be used in a short-term project investigating how the design process which is implemented in industry compares to the theoretical models.
- 3) Mr. Amad Martin discussed his research project to develop a variable radius Vertical Axis Wind

Turbine with a quick start up time. His aim is to effectively capture energy from turbulent wind with fast changing speed and direction.

- 4) Mr. Abdu Yearwood delved into the area of image processing. In particular, he pointed out the important factors in image de-blurring and discussed the development of an effective computer programme for retaining the characteristic features of an image.
- 5) Ms. Donna Ramkissoon discussed Human Factors in Major Accident Prevention. She noted that many major accidents occur from a combination of both technical factors and human and organisational factors. She proposes a framework for developing a major accident prevention protocol for specific industries which includes designing equipment and processes to minimise susceptibility to human error.

The postgraduate seminar series continues to be a vehicle for the DMME community to learn about the areas of research being conducted by their colleagues and the important questions they try to address through their projects. We encourage staff to show their support for our research students by attending the series.

2. External Examiner's Visit and Seminar – Professor Emeritus John EL Simmons in March 2018

Being an integral part of the University's and Faculty's Quality Assurance Policy and Practices, visits of External Examiners would be arranged to review the design and delivery of programmes and research activities in Departments.

During the period from 24th to 29th March, 2018, Professor Emeritus John E.L. Simmons at Heriot-Watt University, Edinburgh, visited the MME Department as an external examiner. He had rich experience, being past chair of the accreditation committee of the Institution of Mechanical Engineers, UK, and a non-executive member of the Board of the Scottish

Qualifications Authority and the Chair of the Board's accreditation committee.

During his visit, Professor Simmons met with faculty members, students and auditing of programmes/examination documents, and laboratory visits. He also met with Programme Coordinators and shared advice on various aspects of programme accreditation on Saturday 24 March 2018.

Another highlight of the visit was a special lecture, focusing on "Education, Accreditation and Stakeholder Satisfaction" on Monday 26th March 2018.



(From left) External Examiner, Professor Emeritus John EL Simmons and the HoD, Professor Chowdary and other faculty members at the Programme Coordinators meeting

At the lecture, Professor Simmons explored various needs of a number of stakeholders (including students, potential employers and governments), and discussed the role that external professional accreditation might play in balancing the inevitable tensions that arise.

See Photo link:
<https://photos.google.com/share/AF1QipM1ndlyLBOsdCSSNQH78XzUaFd-IKniMgHaOFpXLNuF12fHjUaSTZ4kzh7zszApkw?key=SzE0Rn04SDICakVxWnZFR1hKaktMNnc3SXhWSm9B>.

3. The DMME-EAM Seminars and Guest Presentations, March-June 2018

The DMME's MSc Engineering Asset Management (EAM) Group and the Engineering Institute had offered industry-aligned short courses and guests presentations with successful cases, in the second semester of the AY 2017/2018. These included:

- Mr. Doc Palmer presented the strategy which could be used to progress a company from a position of non-compliance to being fully compliant in Planning and Scheduling systems.
- Professor Rickey Dubay presented in the areas of Instrument Controls and the latest technology being utilised in the 1st quartile companies internationally.
- Professor Andrew Jardine expounded material in the areas of Maintenance Analysis and Optimisation in particular, the topic of Maintenance Optimisation and Turnarounds.

Other presentations made including 1) Mr. Sat Singh on heaters, boilers and heat exchangers; 2) Mr. Clyne La Borde on Electrical equipment; 3) Mr. Basdeo Singh on rotating equipment; and Mr. Dumore Dan Jordan on gaskets; 4) Mr. Roy Lloyd on Strategic Planning; 5) Mr. St. Clair Natta on Condition Monitoring and Failure Analysis; 6) Mr. Sydney Andrew McIntosh on The International Arena;

and 7) Mr. Cole Porther on Turnarounds/Planning and Scheduling.

In addition, a series of company's visit (including the Petroleum Company of Trinidad and Tobago Limited (Petrotrin)) was arranged during the semester. Feedback elicited from industry delegates/ participants and students proved positive as many enjoyed the real-life scenarios and grounded practice of many of the theories taught in classes.



(from right, standing) visited Petrotrin facility in June 2018

4. The 2018 DMME's Annual Conference and Exhibition held on 23rd May, 2018

As the needs of the national and regional economy are evolving, The University of the West Indies (UWI) endeavors to enhance the preparation of young engineers. The MME Department hosted its 2018 Conference and Exhibition, and demonstrated how the students' work aligns with the national economic development needs. The theme "Engineering the

Future" was in line with the University's 'Triple A' strategic plan.

- Date: Thursday 23rd May 2018
- Time: Conference from 9.00am to 11.30am and the Exhibition from 9.00am to 5.00pm
- Place: The University of the West Indies (UWI), St. Augustine Campus Lecture Theatre #1, Max

Richards Building (Engineering Block 13)
(Conference) and JFK Auditorium (Exhibition).

This showcase event displayed the Department's BSc Capstone Projects and selected MSc and MPhil/PhD research projects and presentations. These included:

- 1) A display of over 30 BSc Capstone Projects in their areas of study, including the design and build of a 3D printer, a cadet class electric go-kart and modified vibratory soil compactor, among others.
- 2) Exemplified presentations of Postgraduate Research studies/projects by Dr. Cavelle Brigitte Motilal (Topic: Determinants of the Open Innovation Model) and Mr. Fahrz Ali (Topic: Rapid Prototyping and Fused Deposition Modeling), and MSc industry-sponsored projects by Ms. Satira Maharaj (Topic: Improving Turnaround Effectiveness via Scheduling Practices).
- 3) Keynote addresses made by Ms. Marie Hinds of the Ministry of Planning, and Mr. Dennis Latiff, General Manager of Tiger Tanks Trinidad Unlimited, at the Conference.

The event was supported by The Engineering Institute, industry partners (including Concepts and Services, The Power Generation Company of Trinidad and Tobago Limited, The Petroleum Company of Trinidad and Tobago Limited, VEMCO Limited, and Tiger Tanks Trinidad Unlimited), and a list of professional bodies (including American Society of Quality, Trinidad and Tobago (ASQ-LMctt), The Society of Caribbean Industrial Engineers (SCIE), The Institution of Engineering and Technology, Trinidad and Tobago Local Network (IET-LN), IEEE Trinidad and Tobago Section (IEEEtt), and The American Society of Mechanical Engineers (ASME)).

It was an exciting experience for both our project students and staff, and the event was well received by industry stakeholders, partners, professionals, graduates, parents and prospective students. **Annexes 1 and 2** are two articles reproduced and published in June's UWI TODAY and also came out in Sunday Guardian of 3rd June 2018.

One (1) video for the DMME Conference and Exhibition 2018 is also available on The UWI St. Augustine UWI TODAY YouTube channel: <https://www.youtube.com/watch?v=jC0T5a0UoVQ&t=19s>. Besides, three (3) photo albums were made as follows:

- 1) Pre-Conference (22nd May 2018)
<https://photos.app.goo.gl/g9SwpQrNdMojRevF2>
- 2) The Conference (23rd May 2018)
<https://photos.app.goo.gl/EBBqApkMqlxPPj333>
- 3) The Exhibition (23rd May 2018)
<https://photos.app.goo.gl/MaNroP7iPI0uNQaY2>



(From Left) Mr Kishore Jhagroo introduced one contestant and his project to the Judging Panel comprising Mr. Dennis Latiff, Mr. Navneet Boodhai, Mr. Vijay Birsingh and Professor Edwin Ekwue among other visitors at the JFK Auditorium, the Exhibition venue of the event.

5. Report of The PS2 STEM Seminar on 9th June 2018

The UWI-DMME (via the Industrial Engineering Office) co-organised the PS02-2018 STEM Seminar/workshop, in collaboration with the Education Society (EdS) Chapter of the IEEE Trinidad and Tobago Section. The event was supported by the IEEE-Technology and Management Society (TEMS) Chapter, the Society of Caribbean Industrial Engineers (SCIE), and The American Society for Quality Local Member Committee (ASQ-LMC), Trinidad and Tobago. The seminar was held at The CETL Technology Space, the UWI-Teaching and Learning Complex on Saturday 9th June 2018.

The PS02-2018 STEM event was facilitated by Dr. Ruel L.A. Ellis, Chair of the Education Society (EdS)

Chapter. Professor Kit Fai Pun, of the Industrial Engineering Office gave a welcoming address to participants. The theme of this Seminar/Workshop was "Educating students in an interdisciplinary and applied approach with four academic disciplines of 'Science, Technology, Engineering and Mathematics'". The event was comprised of a Seminar presentation and a hand-on workshop followed by an open forum/discussion session.

Two (2) guest speakers were invited. Professor Emeritus Winston A. Mellowes, President, The Caribbean Academy of Science, was the first speaker who explored the background to Inquiry Based

Science Education (IBSE) and the basis for its adoption. He talked about the scientific approach to knowledge acquisition and shared experiences and philosophy of the workshops based approach to teacher education under the auspices of the Caribbean Academy of Sciences over the last ten (10) years.

Followed by Mr. Justin Zephyrine, eLearning Support Specialist of The UWI - Centre for Excellence in Teaching and Learning (CETL), then shed insights on the use of Moodle for collaborative learning through an orchestrated online process of negotiating the representation of a model, document, plan, or inquiry, and sharing and discussing ideas.

Sixteen (16) participants including invited guest speakers, practicing teachers, academics, graduate students, Ministry representatives and others attended the Seminar/Workshop. **Annex-3** shows a

brief report of the event (see also Photo link: <https://photos.app.goo.gl/myFaoUtGiAQx5v9t8>).



Professor Emeritus Winston Mellowes receiving a Commemorative Plaque from Professor Kit Fai Pun for serving as an invited guest speaker of the Seminar/Workshop

6. The Present Around the World (PATW) 'Local Finals' on 26th May 2018

The Present Around the World (PATW) local finals - The Institution of Engineering & Technology (IET) Trinidad and Tobago Local Network that was supported by the Industrial Engineering Office and the MME Department on 26th May 2018. The event aimed to engage engineering students and graduates into the world of the IET and its benefits through International Competitions and Research.

Two (2) MME graduates entered this year local finals. Mr. Joshua Deonarinesingh's cadet class electric go-kart won the first place, whereas another capstone project presented by Miss Lynessa Leonard (on vibratory soil compactor) obtained the second place, at the Competition (see e-album: <https://photos.google.com/share/AF1QipO-PM7zTu5zcoAUb9JFnOFpFgZiUALBNQehvaUCspk12iApbniabUJVGJ9LqzQJw?key=V1RWm2VZeFF1TTZsY1VUMi1ORzZLWUJTaHRGZnJB>).

On behalf of the MME Department, we are pleased to support the IET TT LN PATW Competition (Local Finals), and continue building relationships

with the Engineering community.



(From Right third and Fourth front line) Miss Lynessa Leonard and Mr. Joshua Deonarinesingh pictured with the judges, IET LN representatives, and other delegates and participants of the event.

7. Update of the IMechE Re-Accreditation Exercise, 2018

The Department had been undergoing a committed process over the past couple years. A decision letter was received from the Academic Standards Committee (ASC) of the UK Institution of Mechanical Engineers (IMechE) on 9th March 2017. An excerpt of main suggestions from the letter is as follows:

"... (the) Committee considered the evidence submitted by the University to demonstrate that Conditions 3 to 8 of the Action Plan had been met,

together with the University's request to implement a new MSc Level Module for the MSc Engineering Management, MSc Production Management and MSc Production Engineering and Management programmes.

The Committee is satisfied that all of the Conditions have been met sufficiently and has therefore awarded accreditation as follows:

The following Bachelors degrees be accredited as meeting the exemplifying academic requirements, in part, for Chartered Engineer registration for the 2017-2020 cohort intakes:

- BSc (Hons) Industrial Engineering (Full Time - 3 years; CEng ref: 3387)
- BSc (Hons) Mechanical Engineering (Full Time - 3 years; CEng ref: 3385)
- BSc (Hons) Mechanical Engineering with a Minor in Biosystems Engineering (Full Time - 3 years; CEng ref: 6107)

The following Masters degrees be accredited as

meeting the further learning requirement for Chartered Engineer registration for the 2017-2020 cohort intakes:

- MSc Engineering Asset Management (Full Time - 1 year; Part Time - 2 years; CEng ref: 11861)
- MSc Manufacturing Engineering and Management (Full Time - 1 year; Part Time - 2 years; CEng ref: 8266)

The Department would be aware of which courses and what areas would continuously be updated in order to meet AHEP3 standard and by extension IMechE requirement.

C) Staff's News and Accomplishments

1. Dr. Jacqueline Bridge Appointed as the First Female Head of the Department of Mechanical & Manufacturing Engineering.

The Campus Principal, on behalf of the Campus Appointments Committee, appointed Dr. Jacqueline Bridge as the Head of the MME Department, Faculty of Engineering of the St. Augustine Campus of The University of the West Indies (UWI) Trinidad and Tobago, for the period 1st August 2018 to 31st July 2021. She will be the first female Head of the Department in its history.

2. Professor Edwin I. Ekwue Appointed as the forthcoming Dean, Faculty of Engineering.

Professor Edwin Ekwue has been appointed as the forthcoming Dean, Faculty of Engineering of the St. Augustine Campus of The University of the West Indies (UWI) Trinidad and Tobago, for four years, starting from 1st August 2018.

3. Professor Boppana V. Chowdary Appointed as the Forthcoming Deputy Dean (Graduate Studies & Research), Faculty of Engineering.

Professor Boppana Chowdary would step down from the Headship of the Department, and then take up the position of Deputy Dean (Graduate Studies and Research) of the Faculty of Engineering, with effect from 1st August 2018. His leadership and stewardship for the last three years was recognised.

4. Professor Kit Fai Pun served as the Facilitator of the IET On Campus Student Community Group at UWI

Professor Kit Fai Pun has since March 2018 been appointed as the On Campus Facilitator by the Institution of Engineering and Technology (IET), the UK. He has been facilitating the establishment of the IET On Campus Student Community Group (see Section D1).

D) Students' News and Accomplishments

1. Establishment of IET On Campus Student Community Group Affiliated to the MME Department – in March 2018

The IET On Campus Student Community Group was established in affiliation with the MME Department, and its Kick-off meeting was held at The UWI-Faculty of Engineering, St. Augustine, Trinidad and Tobago, on Thursday 22nd March 2018 (see photo album: https://photos.google.com/share/AF1QipO_Y3EAeYTIscGHv_1J8LTFZPMPdIDSGV35M-w5IYnWspoGAstLgdXYzJz0mlzoDuw?key=a19Gb0hoRDBSeU93eUZxdDBHMXZvV0pCaEE1NkIB)

Three (3) Mechanical Engineering students were appointed and endorsed by the IET (UK). These are:

- 1) Mr. Edward Bethel, Chairman (Year-1 BSc Student; from Grenada)

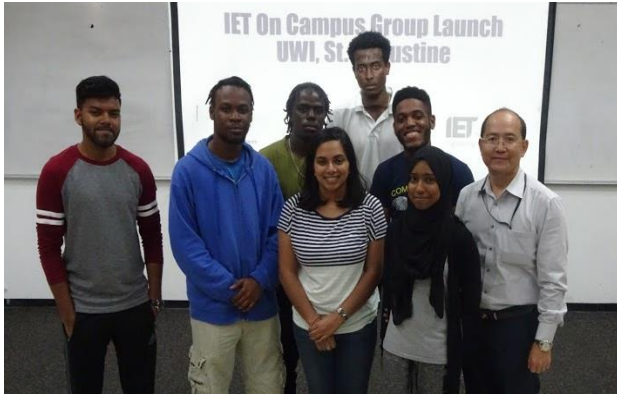
- 2) Mr. Tahj M. Atwell, Treasurer (Year-1 BSc Student; from Barbados)

- 3) Miss Elisse Ramsudir, Secretary (Year-3 BSc Student; from Trinidad and Tobago)

Other group members included Mr. Damon Boucher, Mr. Joash Best, Mr. Jeshua King, Miss Nicola Lewis, Mr. Justin Harrilal, and Miss Nishanie Mohammed. The Group had its first official meeting on 18th May 2018, and planning for the forthcoming activities on campus is on progress.

Moreover, Miss Elisse Ramsudir (The Secretary) had been nominated as a young professional and student member from The America's Region to join the Second IET Young Professionals Community

Volunteer Conference (YP CVC) 2018 that is to be held in Singapore in August 2018.



A group photo taken at the Kick-off meeting of the IET On Campus Student Community Group on 22 March 2018 (with Miss Elisse Ramsubir (The Secretary; middle standing) and the IET on Campus, Facilitator, Professor Kit Fai Pun (from right))

2. Students Receiving Recognitions from the Project Competition at the Department's Annual Conference and Exhibition on 23rd May 2018

The project work and accomplishments of BSc final-year students were recognised. A total of 21 contestants were shortlisted for participating the Final-year Project Competition that was an integral part of the DMME's Annual Conference and Exhibition on 23rd May 2018.

Three project winners were awarded based on the judging criteria and comments. They were:

- 1) Mr. Dillon Chong – First Place (Project: To design and build a 3D printer)
- 2) Mr. Joshua Deonarinesingh – Second Place (Project: To design and build a cadet class electric go-kart)
- 3) Miss Lynessa Leonard – Third Place (Project: To

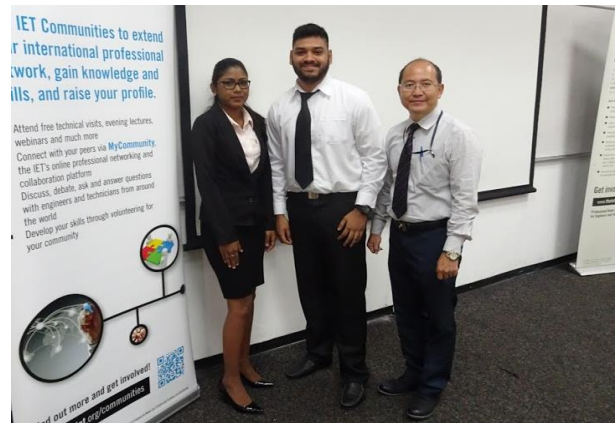
design and build a modified vibratory soil compactor).

3. Two Students Receiving Awards at the IET PATW 2017-2018 Competition on 26th May 2018

The three Department's project winners (as reported in Section D1) were nominated to the local finals of the IET PATW 2017-2018 Competition on Saturday 26th May 2018. Two of them attended the competition, and their project work and accomplishments were again recognised by the judging panel at the competition. These two students were:

- 1) Mr. Joshua Deonarinesingh – Winner
- 2) Miss Lynessa Leonard – First Runner-up.

Being the winner of the IET PATW Competition, Mr. Deonarinesingh would attend the semi-final that is to be held in Canada this August 2018 and if won, then the London final in November 2018.



(From Left) The Contestants, Miss Lynessa Leonard and Mr. Joshua Deonarinesingh pictured with the IET On Campus Facilitator, Professor Kit Fai Pun, at the local finals of the IET PATW 2017-2018 Competition on 26th May 2018.

E) Forthcoming Important Events 2018

1. The CAS-2018 Conference to be held on 27th–30th November, 2018

The 21st General Meeting and Conference of The Caribbean Academy Sciences (CAS) and the Caribbean Academy Sciences Jamaica (CASJ) is being organised in collaboration with The University of the West Indies, Mona, during the period 27th-30th November, as part of The University of the West Indies (UWI)'s 70th anniversary and CAS' 30th anniversary celebrations.

The theme of the conference is "Science, Technology and Innovation – Vehicles for a Knowledge Based Economy". This conference would serve as a premiere forum to foster cross-pollination amongst different research fields, and to expose and discuss innovative theories, which would be of use in enhancing the quality of human life and contribute effectively to sustainable economic development.

Extended timeline for paper abstract submission and presentations is 31st August 2018. Professor Kit Fai Pun of the MME Department serves as the Chair of the Scientific Committee for the CAS-2018

Conference. For enquiries and submissions, please contact/send to: KitFai.Pun@sta.uwi.edu (Attn.: Professor K.F. Pun) and cc copy to conference@caswi.org.

2. The IEM4-2018 Conference to be held on 7th–8th December, 2018

The Fourth Industrial Engineering and Management Conference 2018 (IEM4-2018) will be held at the Faculty of Engineering of The University of the West Indies (UWI), St Augustine, Trinidad and Tobago (T&T) on 7th-8th December, 2018. The theme of the 2018 Conference is "Striving for business/engineering performance excellence with quality management and IEM practices".

IEM4-2018 Conference invites papers for presentation, and suggested topics of interests which

fall into two groups, 1) Traditional IEM areas and 2) Quality Management (QM) Focus. Original abstracts and papers relevant to the Conference theme are invited.

Information about important dates and the 'Second Call for papers' could be referred to **Annex-4**. For enquiries, contact: Professor Kit Fai Pun and Dr. Cilla T. Benjamin, c/o MME Department, UWI, St Augustine, T&T; e-mails: KitFai.Pun@sta.uwi.edu; and Cilla.Benjamin@sta.uwi.edu

E) Frame of Birthday Stars

On behalf of the MME Department and the Newsletter Sub-Committee, we wish 5 members in the following list have a Happy Birthday from February to July 2018, with numerous best returns.

The February-July Stars: Happy Birthday to you all.....	
1. Navin Narine – February	2. Sherry Mungal – May
3. Paul Ferguson – May	4. Anthony LaCroix – June
5. Kit Fai Pun – July	

F) The MME Words

The Newsletter Sub-Committee compiled some enlightening words for sharing among faculty members and administrative/support staff and other readers of MME Newsletter.

Please take leisure reading on them. Accept those you think appropriate, and reject those you consider inappropriate.

Good for Thought Today:

1. *"Determination is an inside job, but inspiration comes from the outside."* - Barbara Aberc
2. *"Empty pockets never held anyone back. Only empty heads and empty hearts can do that."* - Norman Vincent Peale
3. *"I aspire to inspire before I expire."* - Pravinee Hurbungs
4. *"I have no special talents. I am only passionately curious."* - Albert Einstein
5. *"Life is more meaningful when you are always looking to grow and working toward a goal."* - Les Brown
6. *"Quitters never win. Winners never quit!"* - Dr. Irene C. Kassorla
7. *"The most important thing about getting somewhere is starting right where we are."* - Bruce Barton
8. *"The only way to do great work is to love what you do. If you haven't found it yet, keep looking."* - Steve Jobs
9. *"There's a positive side to any situation, even if you don't see it right away."* - Nealey Stapleton
10. *"You can do what you have to do, and sometimes you can do it even better than you think you can."* - Jimmy Carter

Adopted from different sources

Photo Album/Video Links:

Link-1: *External Examiner's Visit and Seminar – Professor Emeritus John EL Simmons – March 2018*

<https://photos.google.com/share/AF1QipM1ndlyLBOsdCSSNQH78XzUaFd-IKnIMgHaOFpXLNuF12fhjUaSTZ4kzh7zszApkw?key=SzE0Rno4SDICakVxWnZFR1hKaktMNnc3SXhWSm9B>

Link-2: *The 2018 DMME's Annual Conference and Exhibition held on 23rd May, 2018*

- 1) Pre-Conference: <https://photos.app.goo.gl/q9SwpOrNdMojRevF2>
- 2) The Conference: <https://photos.app.goo.gl/EBBqApkMqlxPPj333>
- 3) The Exhibition: <https://photos.app.goo.gl/MaNroP7iPI0uNOaY2>
- 4) Video: <https://www.youtube.com/watch?v=jCOT5a0UoVQ&t=19s>

Link-3: *The PS2 STEM Seminar on 9th June 2018*

<https://photos.app.goo.gl/myFaoUtGiAQx5v9t8>

Link-4: *The Kick-off Meeting for Establishing the IET On Campus Student Community Group - March 2018*

https://photos.google.com/share/AF1QipO_Y3EAeYTIscGHv1J8LTFZPMPdIDSGV35M-w5IYnWspoGastLgdXYzJz0mlzoDuw?key=a19Gb0hoRDBSeU93eUJxdDBHMXZvV0pCaEE1NkIB

Link-5: *The Present Around the World (PATW) local finals – 26th May 2018*

<https://photos.google.com/share/AF1QipO-PM7zTu5zcoAUb9JFnOFpFgZjUALBNQehvaUCspkil2iApbniaUJVGJ9LqzQJw?key=V1RWM2VZeFF1TTZsY1VUMi1ORzZLWWJTtaHRGZnJB>

The MME Newsletter Sub-Committee:

- | | |
|-----------------------------------|--|
| 1) Professor Kit Fai Pun (Editor) | 6) Dr. Chris Maharaj (Member) |
| 2) Dr. Graham King (Member) | 7) Ms. Ayanna-Rene De Noon (Member) |
| 3) Mr. Sennen Matabadal (Member) | 8) Mr. Steve Ramoutar (Member) |
| 4) Dr. Renique Murray (Member) | 9) Mrs. Anita Khoon Khoon-Ali (Member) |
| 5) Mr. Robert Birch (Member) | 10) Ms. Christy Walters (Member) |
-