



### Greetings from the Editor

The IEOM Society is pleased to present the third issue of the IEOM Society International Newsletter. This publication is yours and we encourage you to contribute to it. I am delighted that I have been asked to continue to serve as the editor of the IEOM Society Newsletter. I look forward to hearing from our members, sponsors, student chapters and others who have an interest in our profession. It is the mission of IEOM to continue to serve as an international resource for industrial engineers and operation management professionals who share a common vision. The IEOM Society plans to continue to develop content that will enable us to bring you this Newsletter three times per year. Our primary purpose is to keep you informed of the activities and events of our members and our professional and student chapters around the globe. In addition to this publication, the IEOM Society website will continue to serve as the primary communication vehicle for our organization.

### IEOM Society International receives IRS approval as 501 (C3)

With the approval to operate as a 501 (c)(3) organization, your IEOM Society has officially changed its name to the IEOM Society International. This step is an important one for the long term growth and sustainability of our organization that has taken many months to achieve. Executive Committee, the Board of Directors and our attorney have spent many hours working with to make this goal a reality. Our CPA has continued to provide counsel during this process. This change in becoming a not-for-profit organization makes it now possible to accept donations from corporations, foundation and the government.

### Dr. Akand Islam joins IEOM Society International as COO

We are pleased to announce that Akand Islam, Ph.D. has joined the IEOM Society International as its first Chief Operating Officer. He earned his Ph.D. in Chemical Engineering from University of Alabama, M.S., Chemical Engineering, North Carolina A&T State University and B.S. Chemical Engineering, Bangladesh University of Engineering and Technology. Dr. Islam has authored and presented many research papers. He is excited to work with IEOM and its members. Dr. Islam will be responsible for day-to-day operations of the organization. IEOM Committee is delighted Dr. Islam has accepted a full-time position with IEOM and will be working with our team.

### IEOM Membership Management Process Adopted

It's time to become a member of the IEOM Society!

The opportunity the IEOM community has been waiting for has arrived! Our new Membership Management System is now in place and operational. With this new system in place, it is easy to become a member of the IEOM Society International. You can join other members from the IEOM community who are becoming part of an international network of Industrial Engineering and Operational Management professionals. Take action today and join the IEOM Society by becoming a member by using our new Membership Management System. The new member can now build own personal portal and can browse other members to connect with peers of similar expertise. **IEOM members can use IEOM Gmail at no cost.** It is easy just click on this link and complete the application and pay the membership fee (<http://ieomsociety.org/ieom/members/>).

## IEOM Rabat, Morocco Conference

The Seventh International Conference on Industrial Engineering and Operations Management was held in Rabat, Morocco, April 11-14, 2017 and was an overwhelming success. It was held at the Hotel Sofitel and Resort, one of the most beautiful hotels in Rabat. The conference was an opportunity for more than 300 participants including academics, researchers and practitioners to exchange ideas and recent developments in the field of Industrial Engineering and Operations Management. The conference fostered networking, collaboration and joint effort among the conference participants to advance the theory and practice as well as to identify major trends in Industrial Engineering and Operations Management. We would like to extend our deep appreciation to hosts – Dr. Ilham Kissani, Conference Co-Chair, Al Akhawayn University, Dr. Abdelaziz Berrado and Dr. Loubna Benabbou, Ecole Modammadia D'Ingenieurs, Mohamed V University. We would thank all our of many hosts including the students from Morocco who extended a cordial welcome and support for the conference. We also would like to thank our sponsors, university and organization partners. IEOM would also like to acknowledge the many students from local universities who participated in the poster competition and the conference sessions. A special thanks to Dr. Charles Chen and the entire middle and high school delegation from San Jose, California. These young students added so much to our conference. Rabat Conference Photos Link: <https://goo.gl/photos/eYD9pEVmTkS8aSEK6>.





### IEOM Bristol, United Kingdom Symposium

Our first European Symposium was held in Bristol, United Kingdom on July 25-26 2017. The success of this event can be attributed to the outstanding support received from Dr. Jose and Dr. Vikas. The event venue was the University of the West of England (UWE). Almost 150 participants from more than 30 countries were represented at the event. The UWE and the University of Derby teams were outstanding hosts. Photos of the event are available on this link: <https://goo.gl/photos/BJrn4HVB33nrtomq8>.



Based on the results of the Bristol, UK Symposium, IEOM Society International is planning the 2<sup>nd</sup> European Conference in Paris, France during July 26-27, 2018. Dr. Linda Zhang, Professor of IESEG, School of Management is serving as conference chair. Submission is open now. Details can be found in the website: [www.ieomsociety.org/paris2018/](http://www.ieomsociety.org/paris2018/).

### IEOM San Jose Student Poster Competition held July 15, 2017

The San Jose Student Poster Competition for middle and high school students was an overwhelming success. Dr. Charles Chen and his team of parents were the wonderful hosts for the event. The venue for the competition was Sofia University in Palo Alto, California. Dr. Ali and Professor Reimer served as judges for the presentations. Nearly one hundred students and their parents participated in the event. The focus on S.T.E.M. education was evident. The students were well prepared with visual and graphic posters. The research was extensive and provided a sound foundation for their understanding of the scientific method as a tool. Three of the students who presented in San Jose also presented at the IEOM Society Conference in Morocco. A Bay Area IEOM Student Chapter was established during our visit.



## IEOM Bogota Colombia Symposium, October 25-26, 2017

Our preparation for IEOM Bogota 2017 event (1st Latin American Event and 3rd America's event) is going well. Professor Sandra Milena Chacon Sanchez and her team from University of Rosario, Bogota, Colombia have developed an outstanding program with considerable industry and professional participation. The preliminary program is available on our website:

<http://www.ieomsociety.org/program-bogota2017.pdf>. We are expecting more than 400 participants.

This will include representation from 30 countries. We expect having more over 200 local students from the Universities in both engineering and business disciplines.

## IEOM International Bandung Conference 2018: <http://ieomsociety.org/ieom2018/>

Our annual International Conference will be in Bandung, Indonesia at Hilton Hotel during March 6-8, 2018. As you know, Prof. Abdul Hakim Halim from Institute Technology Bandung (ITB) is serving as a co-chair. The planning and organization process is well underway. Four keynote speakers have already been selected. A few track chairs have also been selected. You can assist in the planning process by identifying the remaining keynote speakers for the following topics: global engineering education and industry solutions. The submission system is open. A good number of universities from Indonesia are onboard as university partners. We are looking for some additional university partners. Your guidance is critical for our success.

## IEOM 3<sup>rd</sup> North American Conference in Washington, D.C. September 27-29, 2018

The University of District of Columbia in Washington, D.C. will be the site of the 4th IEOM AMERICAS Conference. Dr. Devdas Shetty, Dean of Engineering and Applied Sciences will serve as the conference chair. Majid Abab, retired Industrial Engineering Manager of Boeing, will serve as a chair of Industry Solutions. This school has a highly diverse student body and is located in the heart of Washington, D.C. Many of the students are African American and Hispanic. The school serves an under represented student population. As the planning moves forward for this event, we will be engaging many "minority" colleges and universities. Professor Reimer will be coordinating this event. Website and submission are now available: [www.ieomsociety.org/dc2018/](http://www.ieomsociety.org/dc2018/).



## IEOM Society European Conference, Paris, France, July 26-27, 2018

Dr. Linda Zhang invited Dr. Ali to visit IESEG, Paris to explore organizing the 2nd IEOM European Conference. As a result of this invitation, Dr. Ali visited the IESEG Paris campus. The school has an excellent facility to host the 2nd IEOM European Conference. She has agreed to serve as a conference co-chair. Submission is open for Paris conference. Details can be found in the website: [www.ieomsociety.org/paris2018/](http://www.ieomsociety.org/paris2018/).



We have also received an exciting proposal to organize the 3rd European Conference in Pilsen, Czech Republic. This would be our first eastern European event. Dr. Jiri Tupa, University of West Bohemia, Czech Republic, Prof. Jose Arturo Garza-Reyes, University of Derby, UK and Prof. Vikas Kumar, University of the West of England, UK will be serving as conference chairs.

IEOM European activities would be held around the annual events such as student chapters, professional chapters, local competitions, etc. Dr. Jose and Dr. Vikas will be leading IEOM European activities. We appreciate their effort and commitment to the IEOM Society.

### **IEOM Society International Conference in South Africa**

There has been interest in holding our International Conference in South Africa. It is apparent we have the support of local universities and the faculties associated with three schools. Dr. Grace Kanakana, Tshwane University of Technology, Pretoria, South Africa, Dr. Charles Mbohwa, University of Johannesburg, South Africa, Dr. Venkata Seshachala Sarma Yadavalli and Dr. Joe E. Amadi-Ecjendu, University of Pretoria, South Africa will be leading the conference. They have been a strong support of the IEOM Society and has attend many of our conferences.

### **IEOM Society International participates in INFORMS in Houston, October, 2017**

Once again, IEOM Society International will have a booth at the INFORMS Conference in Houston in October. INFORMS has continued to support and promote our conferences. Many of our members are also members of INFORMS. We appreciate the support of INFORMS and recognize that this organization is a great fit for IEOM Society and its members. In Houston, we will promote our upcoming conferences in Bandung, Paris and Washington DC.

### **IEOM International Awards**

IEOM strongly recognizes the many achievements of its members around the globe. We do so by presenting our members and supporters with various awards. Many of these are presented at our conferences and symposiums. We have recognized the individuals during the 7<sup>th</sup> IEOM Conference in Rabat. You can see award recipients from the awards site: <http://ieomsociety.org/ieom/awards/>.



## IEOM Global Council

The IEOM Society International Global Council continues to play a vital role in our organization. Our meeting at the Morocco Conference provided the framework for the future role of the Global Council around the world. Since that meeting, committees have continued to work on several projects. Among them are the following:

- Updated Mission
- Awards Nomination and Selection Processes
- IEOM Academy of Fellows – Guidelines for Fellow Nomination and Selection
- Membership Management System

We would like to recognize the individuals who have provided outstanding leadership of the Global Council. It is their commitment to the IEOM Society and its mission that is vital to achieving the long term growth of our organization.

### IEOM Global Council 2017 - 2018:

Dr. Abdul Talib Bon, Universiti Tun Hussein Onn Malaysia (Asia)  
Dr. Charles Mbohwa, University of Johannesburg, South Africa (Africa)  
Dr. Eldon Caldwell, University of Costa Rica (Caribbean and Central America)  
Dr. Jose Arturo Garza-Reyes - University of Derby, UK (Europe)  
Dr. Umar Al-Turki, King Fahd University of Petroleum and Minerals, Saudi Arabia (Middle East)  
Dr. Eui H. Park, North Carolina A&T State University, USA (North America)  
Dr. Ilham Kissani, Al Akhawayn University, Ifrane, Morocco (At Large)  
Dr. Abu Masud, Boeing Global Engineering Professor (Retired), Wichita State Univ., USA (At Large)  
Dr. Bernardo Villarreal, Universidad de Monterrey, Mexico (At Large)

### Advisors

Dr. Loubna Benabbou, EMI, Morocco  
Dr. Abdelaziz Berrado, EMI, Morocco  
Dr. Hamid R. Parsaei, Texas A&M University at Qatar and Texas A&M University  
Dr. Abdur Rahim, University of New Brunswick at Fredericton, Canada  
Professor Don Reimer, Lawrence Technological University, Michigan, USA

## Women in Industry and Academia (WIIA) Forum

The Women in Industry and Academia Forum continues to draw strong interest from the IEOM community. The leadership and commitment from our women of IEOM has fostered many outstanding events at our international conferences. Ms. Resh Plaha of Crystal Quality, U.K. has provided the seed for this group. She has been a strong advocate for women and their role in business. In addition to Ms. Plaha, many other women addressed various topics that focused on the role of women in academia. Dr. Ilham Kissani has also played a key role in the Women in Industry and Academia Forum in the Rabat, Morocco IEOM Society Conference.



### Welcome New Student Chapters

The number of new student and professional chapters has continued to grow. The IEOM Society recognizes the following newest chapters: Identify each of these chapters  
Many of our chapters around the globe have been active in recruiting new members and promoting activities that foster the industrial engineering and operations management.

### IEOM Student Chapter at Guru Nanak Dev Engineering College, Ludhiana, Punjab, India

Faculty Advisor

Prof. Sukheet Singh

Assistant Professor

Department of Mechanical Engineering  
Guru Nanak Dev Engineering College  
Ludhiana, Punjab, India



**Officers**

President: Varinderpreet Singh, M. Tech Industrial Engg., 2nd Yr.  
Vice President: Damanjit Singh, M. Tech Industrial Engg., 2nd Yr.  
Secretary: Ravinderpal Singh Aujla, M. Tech Industrial Engg., 2nd Yr.  
Treasurer: Charanpreet Singh, M. Tech Industrial Engg., 2nd Yr.  
Director of Webmaster: Gurnoor Singh, M. Tech Industrial Engg., 2nd Yr.  
Director of Social Media: Gurnoor Singh, M. Tech Industrial Engg., 2nd Yr.  
Director of Program: Varinderpreet Singh, M. Tech Industrial Engg., 2nd Yr.  
Director of Membership: Gurjot Singh, M. Tech Industrial Engg., 2nd Yr.  
Director of Communication: Gurjot Singh, M. Tech Industrial Engg., 2nd Yr.

**IEOM Student Chapter at Effat University, Jeddah, Saudi Arabia****Faculty Advisor:**

Dr. Abdulaziz T. Almaktoom

Assistant Professor

College of Business, Operations and Information Management Department  
Effat University  
Jeddah, Saudi Arabia

**Officers:**

President: Alanoud B. Alsaud  
Vice President: Rana A. Mira  
Director of Administration: Bushra F. Alamri  
Director of Finance: Leen A. Qasseem  
Director of Programs: Mawadda M. Samkari  
Director of Webmaster and Social Media: Rawan F. Alamoudi  
Director of Communications: Sondos M. Alsafadi  
Director of Membership: Razan A. Alansari

**IEOM UJ Student Chapter Launch and STITCH Co-operative Initiative**

**University of Johannesburg, South Africa**

June 15, 2017

Sambil C. Mukwakungu

The IEOM UJ Student chapter got the ball rolling when it launched its society during a workshop with the STITCH Cooperative in effort to contribute to community development in the Soweto area. This initiative is aimed at supporting businesses through recommendations made from research endeavors by members of the IEOM UJ Student society. The mood was exciting and cooperative members who took part in the workshop saw the opportunity offered by the society as one in a lifetime as they will be able to improve their processes as well as deliver higher quality goods and services.

The workshop ended with a commitment made by the society to assist the cooperative through its involvement in their businesses. The outcome of this involvement is the improvement of the organisation's bottom lines and research papers to be presented at various conferences as well as

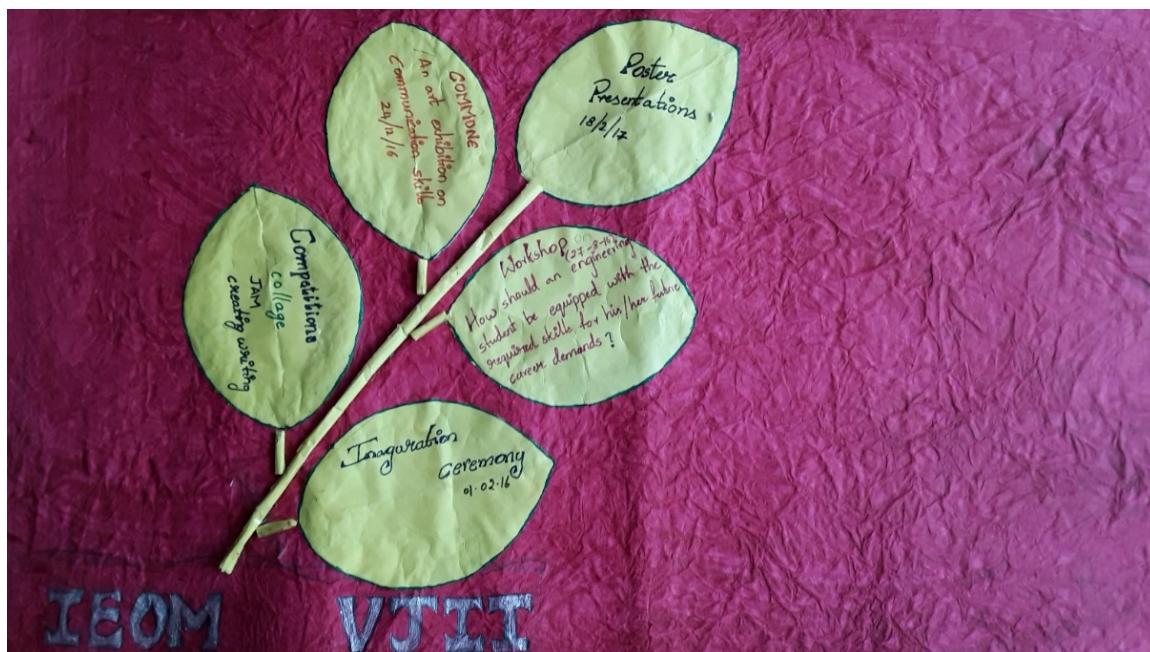
published in international journals. The next workshop will be introducing research to undergraduate students and providing tips on how to make research less stressful.



IEOM UJ's other activities can be found in their website: <https://ieomuj.wixsite.com/ieomuj/>.

### IEOM Student Chapter at Vidya Jyothi Institute of Technology (VJIT), Hyderabad, India

Vidya Jyothi Institute of Technology is one of our most active IEOM Student Chapters. They are having various competitions, workshops and seminars to prepare students for real-life challenges. Dr. M. Pratibha, Faculty Advisor is so dedicated to help students for readiness.



**IEOM Student Chapter at Bay Area (San Francisco & San Jose)**

Advisor

Dr. Charles Chen

Morrill Learning Center

San Jose, CA

## Committee

- President: Jason Li
- Vice President: Arushi Chandra and Mason Chen
- Treasurer: Timothy Liu
- Director of Marketing: Lakshmi Varshini Damodaran
- Director of Membership: Joseph Jang
- Directors of Social Media (LinkedIn/Facebook/Hangout/Website): Alicia Chen, Emily Chen and Katherine Lim
- Director of Communication: Raymond Yap

**Upcoming Student Chapter**

Dawood University of Engineering and Technology (DUET), Karachi, Pakistan

**IEOM Welcomes Washington DC and Michigan Chapters**

We are pleased to announce the establishment of IEOM Professional Chapters in Michigan and Washington DC/Virginia/Maryland Chapter. This new chapter held its first organizational meeting in September in DC area and October in Michigan area. Members included representatives of academia and industry. The chapters have recently selected the following officers:

**Committee of IEOM Washington DC Metro Area Chapter (Washington DC, Virginia and Maryland)**

President: Mohammad Abdul Mannan

VP: Mohammad Alam (Shawn)

Director of Operations: Shah Hassan-uz Zaman

Director of Activities: Tanvir Mina

Director of Sponsors: Mohammed Selim

Director of Program: Bashir Ahmed

Director of Membership: Abdul Awal

Director of Social Media: Nowsher Ali

Director of Communication: Fahridul Khondaker



### Committee – IEOM Michigan Chapter

President: Irshad Saberi

Vice President: Hayder Zghair

Secretary: David Ogbuaku

Director of Organization: Ahsanul Karim

Director of Program: Andy Pandian

Director of External Relations: Feroz Khan

Directors of Members: Muhammad Arif Islam, Ishak Zaman and Tahmidur Rahman



### IEOM in Costa Rica

Prof. Eldon Caldwell, Chairman of Industrial Engineering Dept., University of Costa Rica has shared some photos about our first activity at UCR promoting IEOM Society. This occurred during a big Central America Contest named RobotiFEST UCR 2017 with more than 300 attendants. You can search for more information at Facebook page Robotifest UCR.



## International Journal of Industrial Engineering and Operations Management (IJIEOM)

The International Journal of Industrial Engineering and Operations Management (IJIEOM), published by the IEOM Society International, is inviting papers for its inaugural issue to be published in March 2018. IJIEOM aims to publish high quality papers in the broader areas of Industrial Engineering and Operations Management to serve as a platform for academics, researchers, scientists and practitioners to exchange innovative ideas and sharing experiences to bridge the gap between the Industrial Engineering and Operations Management theory and its application to solve the most current problems and challenges faced by 21st century organizations. The main focus of the journal is therefore to enable the contribution of Industrial Engineering and Operations Management philosophies, principles, methods and tools to address one of the main challenges that mankind is currently facing; how to achieve sustainable economic and social growth while at the same time reducing environmental degradation, climate change and resources scarcity. Topics covered by IJIEOM include, but are not limited to:

- Artificial Intelligence
- Construction Management
- Data Analytics
- Decision Sciences
- Energy and Resource Efficiency
- Facilities Planning and Management
- Healthcare Systems
- Manufacturing Applications
- Human Factors and Ergonomics
- Inventory Management
- Knowledge Management
- Lean and Six Sigma
- Logistics, Transport and Traffic Management
- Modeling and Simulation
- Operations Management and Operations Research
- Production Planning and Control
- Project Management
- Quality, Reliability and Maintenance
- Service Systems and Service Management
- Supply Chain Management
- Sustainability and Green Systems
- Sustainable Manufacturing
- Systems Engineering

### Readership

IJIEOM intends to provide a vehicle for researchers, academics, professionals, industry consultants, policy makers, and senior executives working in the fields of Industrial Engineering and Operations Management to disseminate state-of-the-art knowledge and information and to learn from each other's work.

### Contents

IJIEOM endeavors to publish high quality original papers, review papers, case studies, empirical research, technical notes, and book reviews. Special Issues devoted to current and important topics in Industrial Engineering and Operations Management will occasionally be published. Design, planning & control and improvement strategies based on Industrial Engineering and Operations Management methods and techniques of both theoretical and practical nature are welcome. Besides the traditional manufacturing sector where Industrial Engineering and Operations Management philosophies, principles, methods and tools have been widely applied, articles that deal with specific industrial problems in a variety of other sectors such as service industry (e.g. IT, transportation, distribution, logistics, etc.), public services (e.g. healthcare, defense, etc.), process industry (e.g. oil and gas, energy production, mining, etc.) and education are encouraged

### Submission Instructions

Authors are requested to carefully follow the IEOM's official journal template.

All submitted papers will be subject to a thorough double blind peer review process. To be considered for this inaugural issue, submitted papers should not exceed 40 double-spaced pages. Please submit papers online: <https://www.xcdsystem.com/IEOM/abstract/index.cfm?ID=i1q2EgN>.

### Publication Fee

All accepted journal papers will be published as open access online by the IEOM Society International. Each paper publication fee is \$100.

IJIEOM Website: <http://ieomsociety.org/ieom/journals/>

Please contact Prof. Jose Arturo Garza-Reyes, Editor in Chief for any question:

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### Six Sigma Certification Available

The IEOM Society International is proud to announce that Six Sigma Certification is available. This professional designation is an important part of our professional industrial engineering and operations management discipline. Our next certification exam is on November 10, 2017. Details can be found in the website.

### Let's hear from you!

Please submit articles related on Industrial Engineering and Operations Management for next issue (December 2017) of the IEOM Society Newsletter. Please submit an article that you believe would be of interest to our members. Your professional and student chapter activities, achievements and announcements are welcome and will be included in our newsletter. Please contact the Editor, Professor Don Reimer for details: [reimer@ieomsociety.org](mailto:reimer@ieomsociety.org). We look forward to hearing from you soon.

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# IEOM Society

*“Achieving and Sustaining Operational Excellence”*

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