

# 24th ASEI National Convention

Engineering for the Global Market

Aug 31<sup>st</sup> – Sep 1<sup>st</sup>, 2007  
Hilton McLean Tysons Corner  
7920 Jones Branch Drive  
McLean VA 22102, USA



A S E I *ncee*

American Society Of Engineers of Indian Origin



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American Society of Engineers of India Origin

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Message from the Chairman of the ASEI  
National Board

It is our distinct pleasure and honor to welcome our guests, distinguished speakers, and fellow ASEI members to the speakers, and fellow ASEI members to the 24th ASEI National Convention. This years Convention is hosted by the Washington DC Chapter on August 31<sup>st</sup> and September 1<sup>st</sup>, 2007 in McLean VA.

As many of you a well aware, we will be celebrating the 24<sup>th</sup> year of our existence and we certainly have made an impact, through our virtues of dedication, determination and devotion to achieve our mission and goal. We are successful in continuing the legacy of holding the national Convention every year in a different chapter to give full participation of the chapters in the National Organization

This year we are continuing the Corporate Excellence Recognition Program (CERP) for corporate participation expanding to multiple organizations. This convention is a celebration of all the milestones ASEI has been associated with, aptly the theme of this convention "Engineering for the Global Market". In my humble opinion, engineers are the only professionals in society, who impact the largest number of people in their daily lives. It may be through housing, medical services, food, transportation or natural disasters, you name them. From this aspect, we all should be extremely proud of the values engineers provide to the general population.

We have established 4 centers for Excellence for ASEI effective 2006 and added the 5<sup>th</sup> one in 2007 to recognize and promote core industry group Development both in the US and India. They are. Center for excellence for automotive sector: Detroit, Michigan, Center for Excellence for Bio-Technology: Cleveland, Ohio, Center for Excellence for Aeronautics and Aerospace: Los Angeles, California, Center for Excellence for Information Technology: Washington, DC, and Center for Excellence for environmental Engineering in Florida. These centers will promote Industry specific technology innovations and cater to the needs of membership in suitable geographical regions in the US. And so once again, I thank all of you in attending this convention and hope to see you with at least five of your fellow engineers at the next convention.

Jagannadham (Jag) Kottha  
Chairman, ASEI national Board



**American Society of Engineers of India Origin**

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**Message from president of ASEI-NCC  
and National Chair and Co Chair**

September 1, 2007



Dear Fellow Professionals,

On behalf of the American Society of Engineers of Indian Origin – National Capital Chapter (ASEI-NCC), it gives us great pleasure to welcome you all to the ASEI's 24<sup>th</sup> Annual National Convention.

This year's convention theme is *Engineering for the Global Market* and hence will focus on how to improve and grow in the business, academic and career areas of engineering to advance in the global market. We are very honored and fortunate to have distinguished engineers and entrepreneurs from various advanced engineering disciplines such as Information Technology, Aviation and Aerospace, Bio and Nano Technology, Automotive and Environmental Science are attending and are speakers at this convention. We are very confident that the audience are going to greatly benefit from this as it provides a learning experience in addition to offering a platform for recognizing outstanding hi-tech professionals and students and a forum for networking among an exceptional professional community.

ASEI-NCC members have worked very hard along with ASEI National Board and other ASEI chapters to make this event a very successful one. This year, although this has been the first and foremost focused event for ASEI-NCC, our next important goal is to strengthen our chapter by growing its membership. We request ASEI members and non-members to support us in achieving this goal.

We sincerely thank each and everyone who have worked towards making this convention a great success.

Thank you for your participation at the convention. Enjoy your day at the convention and your visit to the nation's capitol.

A handwritten signature in blue ink, appearing to read 'GS Sridhar'.

GS Sridhar  
President & Convention Chair

A handwritten signature in black ink, appearing to read 'Manasa G. Anand'.

Manasa G. Anand  
VP & Co -Chair



American Society Of Engineers of Indian Origin

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## **NATIONAL BOARD MEMBERS (ASEI)**



**Jag Kotha**



**GS Sridhar**



**Paul Sikand**



**Suresh Chandani**



**Mahesh Reddy**



**Satis Parikh**



**Vijay Garg**



**Darsh Aggarwal**



**Kumar Bhatia**

**Not Pictured: Anurag Shukla, Ram Kozikhote, Dinesh Keskar, Shantaram Pai, Bipin Mistry,  
Murali Ghantasala**

## 24th ASEI National Convention - Program List

NO	Category	Panel Chair	Time	Speaker	Affiliation	Topic
<b>Friday Program</b>						
	Reception		5:00-7:00 PM			Reception
	Networking, Dinner and Entertainment		7:00-9:00 PM			Networking, Dinner and Entertainment
	Adjourn		9:00 PM			Adjourn
<b>Saturday Program</b>						
	Welcome	Convention Chair / CO Chair	8:00-8:30 AM	GS Sridhar / Manasa Anand / Rita Sinha	ASEI - President / VP / Miss DC	Welcome
	Welcome	ASEI Chairman	8:00-8:30 AM	Jag Kottha	Crestbest Quality Institute / Chari - ASEI	Welcome
A	Keynote Speaker: Plenary Session		8:30-9:00 AM	Bharat Bhargya	Bankworld Inc President / President USIACC	Plenary Session Keynote Speech
<b>Morning Session: 9:00-12:00</b>						
			9:00-9:30 AM	Paul Sikand	Boeing	Project Sanitation: A vision for Change
			9:30-10:00 AM	Gunjan Bagla	Amritt Ventures Inc	Aerospace Business Development in India
			10:00 -10:30 AM	Arun Potdar	University of Pennsylvania: Fayette Campus	Globalization of Healthcare System
			10:30 - 11:00 AM	Brij Bhushan	RCG, Inc	Design and Implementation of Triple Play Communication Network in a Polish Municipality
			11:00-11:30 AM	Ajay Kothari	Astrox Corporation	Hypersonic space planes
			11:30 -12:00 AM	Suresh Chandnani	SRC Services International	Global Entrepreneurial Opportunities in Environmental Engineering
B	Luncheon Session	Sanjeev	12:00-2:00 PM	Bharat Doshi	Johns Hopkins University: Applied Physics Laboratory	Luncheon Keynote Speech
<b>Afternoon Sessions: 2:00-5:00 PM</b>						
Track 1	Aerospace and Aeronautics	Paul Sikand		Paul Sikand	Boeing	Fuel Tank Safety on Airplanes
				Albert Moussa	Blazetech	Aircraft Fire and Explosion Protection
				Arun Ayyagari	Boeing	RFID for Flotation Devices
Track 2	Automotive	Ravi Rout		William Liou Director	Western Michigan University	Automotive Research
Track 3	Environmental Engineering	Ravi Laljani		Ravi Damera		
				Suresh Chandnani	SRC Services International	Global Solutions for e-Waste
	Relaxation		4:00-5:00 PM	Art of living	Shri Shri Ravi Shankar's Group	Uplifting Individuals, Communities and the World
	Break		5:00-5:30 PM			
	Social Networking		5:30-6:30 PM			Networking
C	Banquet Session		6:30-8:30 PM			
		ASEI National Presentaion	6:30 - 7:00 PM	Jag Kottha & Ravi Rout		
		CERP Winner Awards	7:00 - 7:15 PM	Jag Kottha & Ravi Rout		
		Banquet Chief Guest Dinner	7:15 - 7:30 PM	Rangasayi Halthore	NASA	A History of Indo-US Space collaboration: Are there any
		Banquet Chief Speaker	7:30 - 8:00 PM			
		Banquet Chief Speaker	8:00 -8:30 PM	Nan Bouchard	Boeing	Boeing Company's role in Global Aviation
	Entertainment Session	Sunil Mungee	8:30-12:00 AM	Sunil Mungee	Entertainment & " Prince of Gazhals"	Concert and Music

## KEYNOTE SPEAKER

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**Bharat Bhargava**

**Bharat Bhargava,**  
*President and Chief Technical Advisor*

Mr. Bhargava, an MBA from the Harvard Business School, has held senior management roles for over thirty years, including thirteen years at one of the largest US national banks, three years as a senior US official, four years at a Fortune 500 company, and over fourteen years in directing highly-successful banking, capital markets, private sector development and public finance projects in over 40 countries worldwide. Renowned as a thought leader in the field of economic development, Mr. Bhargava has personally advised a number of US and foreign central and state governments, regulators, financial institutions, self-regulatory organizations and enterprises.

## LUNCH SESSION SPEAKER

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**Dr. Bharat T. Doshi,**  
*Department Head of the Research and Technology Center.*

He leads a department that conducts innovative, advanced research with broad applications across all APL programs, and develops technologies of interest to the Lab's current and potential sponsors in the Department of Defense, NASA and other government agencies. Dr. Doshi is an internationally recognized authority in optical and wireless networking technologies, Internet protocols and architectures, speech technologies and signal processing, and network design and analysis algorithms and tools. He received a bachelor's degree in mechanical engineering from the Indian Institute of Technology, Bombay, India, and earned master's and doctorate degrees in operations research from Cornell University. He is a Fellow of the Institute of Electrical and Electronic Engineers and a Bell Laboratories Fellow. He has been awarded 40 patents, has published more than 120 technical papers, served on multiple advisory boards to U.S. government agencies and edited several technical journals. From 2003 to 2005 Dr. Doshi worked in what is now APL's Applied Information Sciences Department, leading the office responsible for developing advanced information-processing and networking concepts. Doshi joined APL after a distinguished 24-year career at Bell Labs/Lucent Technologies, where he served as a senior director in the Advanced Communications Technologies Center and the director of Performance Analysis, among other management positions. His email address is [Bharat.Doshi@jhuapl.edu](mailto:Bharat.Doshi@jhuapl.edu).



**Dr. Bharat T. Doshi,**

# BANQUET SPEAKER / CHIEF GUEST

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**Nan Bouchard  
Banquet Speaker**

**NANETTE (NAN) M. BOUCHARD**

*Vice President, Engineering & Mission Assurance, Boeing Integrated Defense Systems*

Nan Bouchard was appointed vice president Engineering & Mission Assurance for Boeing Integrated Defense Systems in September 2006. Bouchard has functional management responsibility for the IDS engineering processes, engineering tools, and the 32,000-person engineering team. She is responsible for ensuring world-class technical integrity for Integrated Defense Systems products and services that exceed customers' expectations.

Most recently, Bouchard was the vice president, Corporate Initiative Lead for the Development Process Excellence Initiative, a role she held since January 2006. This company-wide initiative is focused on improving the yield of Boeing's R&D investments and the effectiveness of development program processes across the enterprise.

Prior to joining the FIA program, Bouchard worked on the International Space Station program in a variety of managerial positions from September 1989 through August 2001.

Bouchard received her Bachelor of Science degree in chemical engineering from Rice University in 1981. She resides in Glendale with her husband, John, and their son.

## **Rangasayi N Halthore**

Education / Professional duties: Degrees in Mechanical Engineering from Bangalore University (BE) and Indian Institute of Science (ME). Ph.D from Cornell University in Mechanical and Aero Engineering. Studied Astronomy and Planetary Science as a Post Doc at SUNY at Stony Brook. Worked within the government as an atmospheric scientist at NASA, an employee of Brookhaven National Lab (DOE lab) and as a Federal employee at Naval Research Laboratory. Current research interests include global warming, aerosol science and remote sensing. Since March of this year I have been managing the Atmospheric Chemistry program at NASA Headquarters. Related activities include writing journal articles, editing a journal and attending and conducting conferences and meetings.

Hobbies include: Studying Indian History, Geography, and Space exploration, among other things.

Family: Wife Suman works as a paralegal in Virginia; Son Aditya is studying medicine and daughter Maya is a sophomore in high school.



**Rangasayi N Halthore  
Banquet Chief Guest**



# TECHNICAL SPEAKERS – Morning Session

**Sharanpal (Paul) Sikand**  
*Technical Fellow and a Design Integration Specialist,  
The Boeing*



**Sharanpal (Paul) Sikand**

He is recognized as an expert in airplane propulsion systems technology and systems integration, nationally and internationally. He is an Authorized Representative (AR) of the Federal Aviation Administration (FAA). He has a MS in Mechanical Engineering from Stanford University and a BS in Mechanical Engineering from Purdue University.

Paul has one patent, two pending patents and is the recipient of the Boeing Special Invention Award.

Paul passionately participates in providing service to the community. He is a founder and the past President of the Southern California Chapter of the American Society of Engineers of Indian Origin (ASEI). He serves on the Board of Directors of ASEI National. Paul is the chair of the ASEI Humanitarian Projects committee and he is currently leading the ASEI Project on Sanitation for India.

Paul volunteers his services by teaching and mentoring students and engineers. He has mentored over twelve engineers and an underprivileged student and provides volunteer service to the Special Olympics, Education Enrichment Day, Help Engineer Your Career and the Boeing Technical Fellowship Council.

Paul and his wife, Geeta, have three sons. Their eldest son Vikram is a physician, the middle son Kabir is an economist, and the youngest son Sunjeev is an attorney.

## **Brij Bhushan**

Brij Bhushan got his BE (Electrical) degree from Birla Institute of Science and Technology, in Pilani, Rajasthan, India in 1965. He taught there till 69. In 1970 he got his Masters degree from Auburn University and completed his course work towards his D. Engg at Concordia University in Montreal Canada.

He joined Bell Canada in their Computer Communications Group and ever since that time he has been in Telecommunications – growing within the industry. He subsequently worked for GTE Telenet and left there in 1986 to start Reston Consulting Group. RCG does telecommunications work for the commercial and US federal Government civilian agencies. The scope of its services encompass complete life cycle of telecommunications beginning with studies and business planning, designing the networks, installing and finally operating them. He retired from RCG earlier this year.

Picture not  
Available

# TECHNICAL SPEAKERS – Morning Session

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**Dr. Ajay Kothari**

**Dr. Ajay Kothari**  
*President and CEO of Astrox Corporation,*

Dr. Kothari has been PI/PM on over 15 prime and 4 subcontracts, from Air Force AFRL / ASC, Army, Navy, NASA LaRC, MSFC, GRC, GSFC. He has been a pioneer in developing the Inward Turning Hypersonic Vehicles which will be able to go to Low Earth Orbit. He has been instrumental in the development of Astrox's proprietary HAVDAC/HADO and the System Integrated Design Environment (SIDE) codes, their suite of SIDE application codes called HySIDE (Hypersonic SIDE), SpaceSIDE and SuperSIDE (Supersonic SIDE), as well as Astrox Technology Assessment Product called "SIDE Impact". He has over 35 publications.

**Gunjan Bagla**  
*Management Consultant*  
*Amritt Ventures*

Mr. Bagla is a mechanical engineer from IIT Kanpur with an MBA from Southern Illinois. He runs Amritt, a California-based management consultancy that helps American companies to succeed in India. Clients include several Global 2000 companies. Gunjan leads an executive seminar at Caltech's Industrial Relations Center on "Doing Business in India". Gunjan also designed, and now conducts, a customized in-company workshop on "Succeeding in India in the Defense Business." In 2008, Warner Books will publish Gunjan's title "Doing Business in 21st Century India: How to Profit Today from Tomorrow's most Exciting Market." Earlier in his career, Gunjan was a corporate executive and a startup entrepreneur. Gunjan Bagla Amritt Ventures, Inc. [www.amritt.com](http://www.amritt.com) <[www.amritt.com](http://www.amritt.com)> 18742 Alfred Avenue, Cerritos, CA 90703 USA Landline Phone (562) 402 4435 Cell Phone: (310) 614 1326 [gbagla@amritt.com](mailto:gbagla@amritt.com) <<mailto:gbagla@amritt.com>>



**Gunjan Bagla**

# TECHNICAL SPEAKERS – Morning Session

**SURESH M. CHANDNANI, PE, CHMM**

***Hazardous Material Manager (CHMM), Supervisor level on OSHA's HAZWOPER Training, Certified Professional Manager (CPM), Certified Lead Abatement "Risk Assessor"***  
**AWARDS**



**SURESH M. CHANDNANI**

"President's Award for Leadership and Excellence in Environmental Management," McDonnell Douglas Corporation, "Spirit of Excellence Award" for Environmental Quality, McDonnell Douglas Corp

Mr. Chandnani has 20 plus years of progressively responsible experience in management of Environmental Compliance programs with emphasis on Water/Wastewater Engineering & Compliance, Water/Wastewater/Reclaimed Water Resource Strategic Planning, Hazardous Waste Management, Contamination Assessments, RCRA & CERCLA Site Remediation & Closures, Environmental Contamination Forensics, Pollution Prevention Plans, and Multi-media Environmental Permitting for clients in the public and private sectors.

Mr. Chandnani has been active on leading teams to accomplish EHS compliance objectives through performance metrics, long-term strategic planning based on risk minimization, and development of proactive environmental permitting strategies that allow better operational flexibility to chemical and other manufacturing firms.

## **Arun K. Potdar**



**Arun K. Potdar**

Mr Potar is an independent consultant and expert in BPO feasibility studies , Health Care provider Training facility setups with University of Pennsylvania, Fayette Campus as possible partners. Financial and logistics. Setting up of shore Long Term Care Facility and Acute care Hospital Planning and Logistics.

A seasoned professional in the Healthcare management. Expertise in Medicare/Medicaid Program, International Business Outsourcing, 25 plus years of hands on experience in TQM, Leadership, Team Building, Auditing, Financial Reporting and compliance.

He did his Masters in Health Care Management, University of Maryland and Bachelors, WV State University, Accounting & Finance and a ISO 9000 Lead Auditor Certification. 2004.

In past he worked as Medicare Auditor with Blue Cross-and Blue Shield, Medicare Auditing, Compliance. Baltimore Maryland. Special Auditor Long Term Care Fraud and Abuse: Office of the Inspector General, West Virginia State, Reimbursement Manager: San Juan Regional Medical Center, New Mexico. CEO. Cherry Tree Nursing Home / Med Serve Management Inc. Uniontown, PA

# TECHNICAL SPEAKERS – Afternoon Session



**Arun Ayyagari**, *Technical Fellow , Boeing*

Mr. Ayyagari is currently supporting the Boeing Phantom Works Network Centric Operations (NCO) Thrust. Arun has extensive experience in information management and both fixed and mobile communications and networking areas applicable to wireless, wired, optical, and satellite communications. He has been involved in the design, development, and application of computing and communication architectures for flight control and avionic systems, communications & networking technologies, and network security.

Arun led core networking efforts at Microsoft in the areas of mobile wireless networking and security and was instrumental in the design, development, and release of these components within Microsoft Windows Client, Server, and Embedded OS platforms. Since his return to Boeing, Arun has been involved in various aspects of communications & networking and information management technologies supporting Network Centric Operations (NCO) Thrust, Connexion by Boeing, Boeing 787 GoldCare, GPS III, AMF JTRS, JTRS GMR, FCS and other government programs. He has 30 patents and invention disclosure filings in the fields of wireless networking, network infrastructure, and network security. Arun has earned a B.E. degree in Production Engineering from Bombay University in 1982, Ph.D. degree in Mechanical Engineering with Electrical Engineering as related area from Pennsylvania State University in 1989, and an M.B.A. degree in Finance and Business Strategy from University of Washington in 2000.

**Raveendra (Ravi) Damera, P.E., DEE** Ravi has over 19 years of Civil and Environmental Engineering experience and is currently serving as an Engineering Manager at ENSR, a full-service environmental company with 70 locations around the world. He specializes in site investigations and remediation, and has significant experience in many other environmental areas. He started his career as an Assistant Engineer in Andhra Pradesh Road State Transport Corp. and the Roads and Buildings Dept., in India.

Ravi is a registered Professional Engineer in many Mid-Atlantic States and DC. Ravi earned his Masters degree in Environmental Engineering from the University of Maryland at College Park and has a Diplomat Environmental Engineer certification from the American Academy of Environmental Engineers. Ravi authored numerous technical papers and has several awards and recognitions to his credit. Ravi also serves as an adjunct faculty in the Environmental Management program at the University of Maryland University College.



# **TECHNICAL SPEAKERS – Afternoon Session**

**Dr. Albert Moussa**

***Founder and Technical Director of BlazeTech Corp***



**Dr. Albert Moussa**

Mr. Moussa founded BlazeTech Corp., a company that specializes in safety, environment and energy. He specializes in fire and explosion working particularly for the aircraft and chemical industries. He specializes in combustion, fire and explosion. He got his B.S. from Stanford University and his MS and PhD from MIT. He has published widely including one book. His forewarning about fuel tank vulnerabilities prior to the TWA 800 and Concorde accidents has gained him notoriety in the US and the international media. He has received many awards, most recently the Engineer of the Year Award from the New England Section of the AIAA in 2000, the Distinguished Lecturer award by the AIAA in 2004, and best paper award by SAE in 2005.

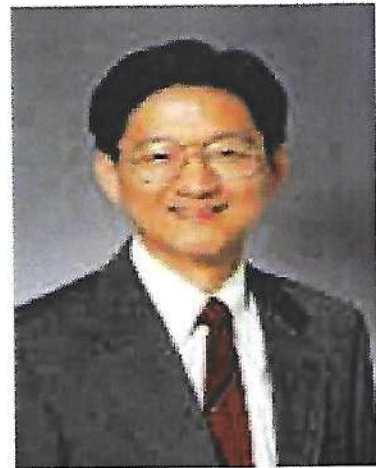
**William W. Liou, Ph.D**

***Professor, Department of Mechanical and Aeronautical Engineering, Western Michigan University  
Director, Center for Advanced Vehicle Design and Simulation***

Mr. Liou is a Founding Director of Center for Advanced Vehicle Design and Mr Simulation, He is also professor at Western Michigan University. He has written over 100 publications.

Fundamental and applied research with funding support from NASA Glenn Research Center, NASA Langley Research Center, Office of Naval Research, Air Force Office of Scientific Research, US Army TARDEC, Sandia National Lab, Oak Ridge National Lab.

He holds Ph.D. in Aerospace Engineering, Pennsylvania State University.



**William W. Liou**



American Society of Engineers of India Origin

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**ASEI Award and Scholarships Rules of implementation and Governance:**

The following categories have been approved by the ASEI board to be awarded during the ASEI Annual Convention.

Following is the brief description of the awards programs:

**1. ASEI Professional Excellence Award**

Following are the two awards that will be given this year:

- 1) ASEI Entrepreneur of the year Award
- 2) ASEI Student of the Year Award
  - a. Graduate Student
  - b. Undergraduate Student

This award is presented to an engineering professional or a student of Indian origin with exceptional contribution to the cause of Engineering science and businesses.

The applicant will be judged against the following four criteria. However, the weighting factor will vary based on the specific categories of the award.

- **Professional Achievements**  
The nominee should have demonstrated significant achievements in the cutting-edge technology in the field of engineering and engineering related science and have managed and directed an organization or founded a company making noteworthy contributions in the design, manufacturing, production or service through the uses of engineering principles and applications.
- **Service to the Profession**  
The nominee is an established professional, has worked as executive member, is an active member, and has volunteered time for promoting the goals of one or more Engineering technical/ Professional societies and committees such as SAE, AIAA, and ASME etc.).
- **Service to the ASEI Organization**  
The nominee has contributed significantly to promote ASEI agenda among the engineering communities and other Indian communities through local chapters or national chapter.
- **Service to the Community**  
The nominee has been recognized as a leader for his service to one or more community organizations because of his/her dedicated service to promote Indian community cause or cause and interest to India.

This award Established in 1983 and is administered by the ASEI Awards Committee that is comprised of at least five members selected by the ASEI board. The award consists of a plaque, memento, and recognition at the ASEI Annual National Convention banquet event.



## American Society of Engineers of India Origin

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### 2. ASEI Service Excellence Award

This is the highest recognition that the ASEI bestows upon an individual who has exhibited exemplary leadership that has benefited ASEI organization and ASEI members at large.

The recipient will have been responsible for one or more major initiatives which have resulted in notable and/or highly innovative achievements or expansions of the ASEI mission.

#### ASEI Mission:

*"To promote growth and development of programs and initiatives that foster career and professional development for ASEI members and cultivate engineering, scientific, and technical exchanges between USA and India"*

- The recipient will have served in one or more responsible positions within ASEI.
- Because this award has a special emphasis on Service to ASEI organization, ASEI membership and involvement in ASEI activities and organization is a prime requirement.

The award honors an individual who has a) played a key role in establishing and building the ASEI Value, Vision and Voice; b) made notable contributions to the advancement in the field of engineering; and c) given selflessly of his/her time and energy to the ASEI national and local chapters.

### 3. ASEI Lifetime Achievement Award

This award is presented to an individuals who has i) been a member of ASEI for at least 15 years, ii) served and participated in various capacities in the activities of local and national chapters; and has contributed significantly to promote the vision and goals of the ASEI organization. This candidate is selected by the recommendation of the Award Committee and approval by the Chairman of the ASEI board.

### 4. ASEI Kalpana Chawla Award

The candidate will be judged against the following three categories:

- **Academics Excellence:** Candidate must have demonstrated academic achievements among his/her peers.
- **Technical Excellence:** The candidate must have demonstrated significant technical excellence through publications/technical papers in national and international journals and direct contribution to projects in the field of aerospace engineering.
- **Leadership Excellence:** The candidate must possess leadership quality with credentials to lead projects and execute them flawlessly. The leadership quality will be judged based on the past and present affiliation/involvement with the professional organization, community service/projects, and science and technical organization in the school as well as outside the school.

#### About this Award

The scholarship was instituted in 2003 in memory of the highly accomplished NASA astronaut, who was one of the 7 distinguished astronauts in the Columbia Shuttle Flight STS-107, and in recognition of



## American Society of Engineers of India Origin

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her contribution in the field of aerospace engineering for the benefit of mankind. This annual scholarship is awarded to one deserving student in aerospace engineering. The scholarship carries a cash value of \$3,000 USD and a plaque presented at the ASEI Annual National Convention banquet event.

*The Scholarship is Sponsored by the Ford Motor Company. Please visit <http://www.aseio.org/> for details and application form.*

Relatives of the ASEI Scholarship and the Award committee members are not qualified.

### 5. ASEI Corporate Excellence Recognition Program (CERP)

This year the following five award categories were approved by the ASEI National Board.

- 1) Corporate Engineering Excellence Award
- 2) Corporate Woman Engineer of the Year Award
- 3) Corporate Young Engineer of the year Award
- 4) Corporate Outstanding Achievement Award
- 5) Corporate Service Excellence Award

#### CERP Award General Selection Criteria

This award recognizes outstanding engineers of Indian origin who are employed in Industry, Academia or Government entities. Candidates are nominated by their managers and approved by their HR dept., with the nomination supported by another ASEI member focusing on the eligibility criteria for each category:

Engineering Excellence (Professional achievements)

Woman Engineer (Gender specific)

Young Engineer (Less than 10 years of industry experience and less than 35 years old)

Outstanding Achievement (Entrepreneurial achievement)

Service Excellence (Service Excellence)

The nomination and the supporting documents should clearly indicate the individual's capabilities against the qualifications listed below to enable the selection process.

- Degreed engineer of Indian Origin from an accredited university.
- Achievements
- Innovation
- Leadership
- Teamwork
- Integrity
- Community involvement and service to Professional Societies
- Leadership in professional societies such as SAE, AIAA and ASME and local affiliates of engineering society activities

#### About these Awards

Instituted in 2005 by the ASEI board, these awards are administered under the auspices of the ASEI Award Committee and in cooperation with the Corporate Selection Committee. The awards will consist of a plaque and recognition during the ASEI Annual National Convention banquet.



# ASEI

## CORPORATE EXCELLENCE RECOGNITION PROGRAM (CERP) Award Winners 2007



**Arun Ayyagari**  
**Engineering Excellence**



**Jayanth Challa**  
**Service Excellence**



**Navid Hussain**  
**Outstanding Achievement**



**Purvi Bodawala**  
**Woman Engineer**



**K.A. Raghavendra**  
**Young Engineer**

# BEST WISHES AND COMPLIMENTS

to

American Society of Engineers  
of Indian origin (ASEI)

for the

24th National Annual Convention

from

**ASEI SOUTHERN CALIFORNIA Chapter**

<b>President</b>	<b>Dr. Shreekant Agrawal</b>
<b>Vice President</b>	<b>Mr. Vijai Garg</b>
<b>Secretary</b>	<b>Mr. Amit Nanda</b>
<b>Co-Secretary</b>	<b>Dr. Rajiv Doshi</b>
<b>Treasurer</b>	<b>Mr. Harish Bhutani</b>
<b>Co-Treasurer</b>	<b>Mr. Aaron Ghumman</b>
<b>Other Board Members</b>	<b>Mr. Darsh Aggarwal</b>
	<b>Mr. Harshad Badani</b>
	<b>Dr. Naveed Hussain</b>
	<b>Dr. Asha Knott</b>
	<b>Nehal Patel</b>
	<b>Mr. Ramgopal Rao</b>
	<b>Geetanjali Reuben</b>
	<b>Anita Sengupta</b>
	<b>Dr. Raman Unnikrishnan</b>

# Bombay Tandoor

## Fine Indian Cuisine



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OR  
KHAN (703)-625-0640

*Mr. Jagdish Agrawal  
and  
Mrs. Manjesh Agrawal  
are proud to contribute  
\$1000 for the  
ASEI Student scholarship  
to be awarded at its  
24th Annual National Convention  
in McLean, Virginia  
on September 1st 2007*



## Crestbest Quality Institute Consulting Services

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Cleveland, Ohio 44118

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We provide training and consulting services to companies striving to reach various business quality system standards such as:

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**to**

**American Society of Engineers  
of Indian origin (ASEI)**

**for the**

**24th National Annual Convention  
from**

**ASEI MICHIGAN Chapter**

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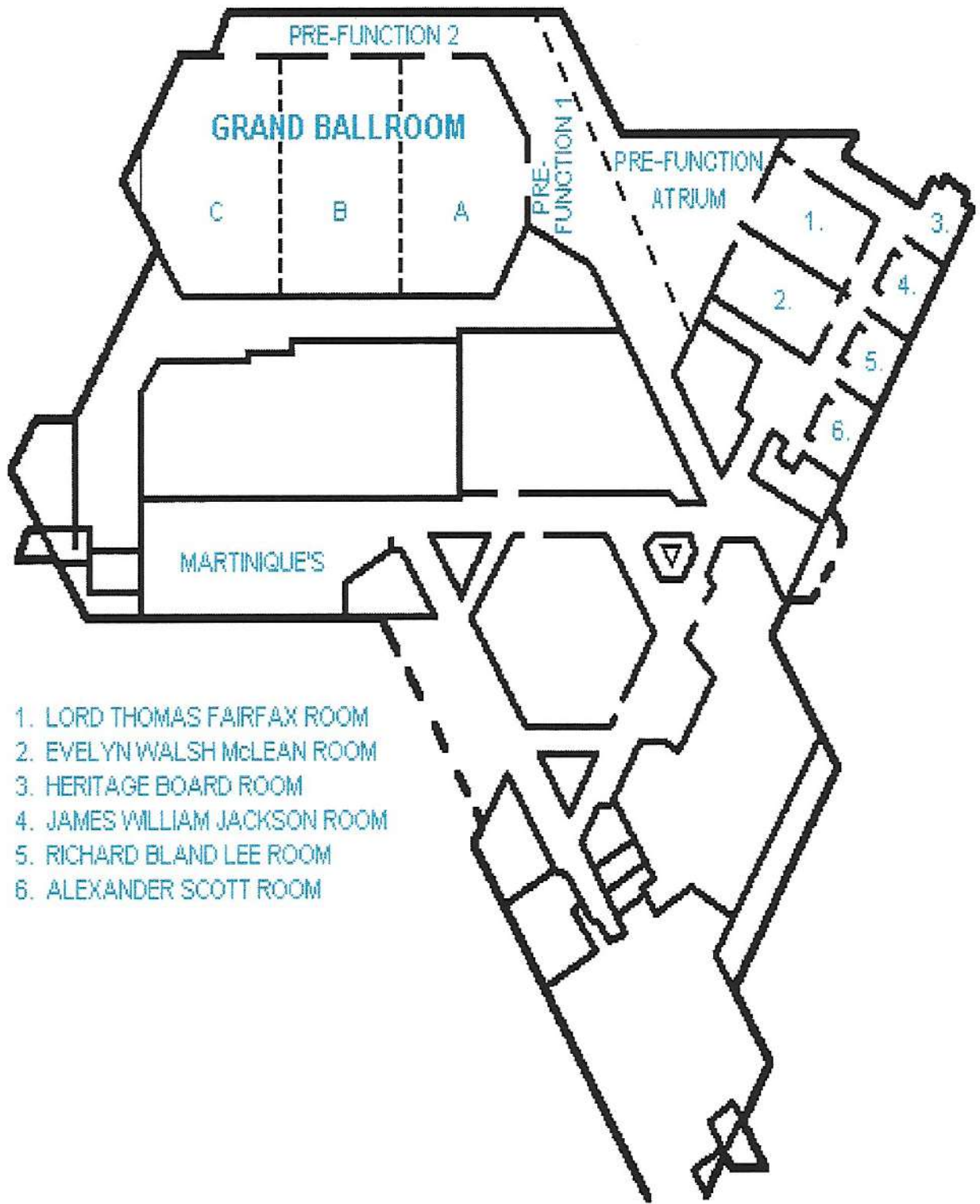
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**Mr. Perry Mehta**

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**[www.aseisocal.org](http://www.aseisocal.org)**

# HILTON McLEAN TYSONS CORNER - LOBBY LEVEL



1. LORD THOMAS FAIRFAX ROOM
2. EVELYN WALSH McLEAN ROOM
3. HERITAGE BOARD ROOM
4. JAMES WILLIAM JACKSON ROOM
5. RICHARD BLAND LEE ROOM
6. ALEXANDER SCOTT ROOM



American Society of Engineers of India Origin

Membership Registration Form
NATIONAL CAPITAL CHAPTER - Washington DC

1. Name Dr./Mr./Mrs./Ms. Last First Middle Initial

2. Type of Membership
A. Regular \$75 B. Life \$250 C. Student \$25 D. Corporate \$500

3. Spouse Last First Middle Initial

4. Home address
Street
City State Zip
Phone ( )
E mail

5. Self Employed Yes NO

6. Employer

7. Office address
Street
City State Zip
Phone ( )

8. Years of Experience A. 0-1 B. 1-5 C. 5-10 D. 10-20 E. 20+

9. Highest Educational Qualification ( Choose One )
Bachelors Masters Phd.

13. Amount Enclosed \$

14. Alma mater in India class of

15. Alma mater in US class of

Membership dues and other contributions to ASEI are tax deductible

Please make your check payable to ASEI and mail to
ASEI National Capital Chapter
46833 Mountain Laurel Terrace
Sterling, VA 20164
You can also register online at www.asei-ncc.org

10. Educational Background
Choose all that applies

- A. Aerospace
B. Architecture
C. Business
D. Chemical
E. Civil
F. Computer Science
G. Electrical/Electronics
H. Industrial
I. Mechanical
J. Sciences
K. Other

11. Which of the following best describes your position?

- A. Consultant
B. Engineer/Scientist
C. Manager/Director
D. President/VP
E. Professor/Associate/Asst
F. Programmer/Analyst
G. Other Specify

12. Which of the following best describes your job function?

- A. Accounting/Finance
B. Administration/Mgmt
C. Consulting
D. Education/Training
E. Engineering
F. Manufacturing
G. IS
H. Quality/Process
I. R&D
J. Sales/Marketing

**A****S****E****I**

**American Society Of Engineers of Indian Origin**

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## **OUR VISION**

### **ASEI TO BE:**

A national network of engineers of Indian origin

A forum to assist members in advancing their careers

A facilitator of technology transfer between the USA and India

A national professional organization with the goal of "service to its members"

## **ASEI ACTIVITIES**

---

### **Career Enhancements**

Provide career guidance and counseling

Facilitate networking

Assist in skill development through continuing education courses and technical seminars

Encourage PE registrations

### **Student Affairs**

Providing guidance to students

Establish Merit Scholarships

Assisting in practical training and job placement

### **Organizational Matters**

Establish a national office

Establish an editorial board and publish quality newsletter

Increase membership

Publish membership directory

Increase awareness of ASEI

Facilitate local chapter meetings

### **Technology Transfer**

Conduct workshops on how to transfer technology to India

Assist in development of rural India

Provide communication channels for retired engineers

Disseminate opportunities in India for NIR's (non-resident Indians)

### **Liaison With India**

Establish working relationship with government and private organizations in India

### **Conventions and Affiliations**

Conduct conventions throughout U.S.A.

Cooperate with other professional societies with similar goals

### **Local Chapter Activities**

Conduct bi-monthly meetings to promote discussion/participation on current events

Communicate with ASEI National Office and other Local Chapters



**A S E I****American Society Of Engineers of Indian Origin**

## American Society of Engineers of Indian Origin Membership Benefits Guide

### Networking

ASEI offers a unique opportunity to you to make contacts and network with fellow professionals who share your interests. Networking leads to mutually beneficial opportunities and relationships.

### Convention

Each year ASEI holds a nationwide annual convention. Conventions and workshops are also held locally by each chapter. Recognition is provided to outstanding people through awards.

### Local Chapter Meetings

Local chapters provide members the opportunity to meet each other, network, communicate/generate new ideas, attend career development seminars, build beneficial relationships and learn from each other. Chapter meetings are geared towards the needs of the members. Periodically, plant tours, mini-conventions and development workshops are conducted. Monthly programs emphasize business/consulting topics, career development topics or immigration/interviewing/resume topics, depending on the chapter membership interests.

### Committees

Committees are charged with the responsibility to accomplish specific ASEI goals which are common to all chapters. Committees can also be looked upon as the R & D arm of the chapters. Committees develop programs or workshops that can be used at the chapter level or at annual conventions. Members are encouraged to actively serve on committees.

### Career Enhancement

ASEI assists each member by career planning and enhancement assistance. Two key programs are customized workshops (at local chapter meetings and at the annual convention) and mentoring programs to personally discuss career issues.

### Membership Directory

The ASEI directory can help you find fellow members. Information is also available on company affiliations and expertise. The directory is updated annually. ASEI sends a free directory to all members.

### Employment Directory

Referral assistance is provided to members looking for work. Employers are encouraged to recruit ASEI members through job fairs and to meet their minority hiring goals.

### Publications

ASEI plans to make available publications on relevant subjects such as career development, tech transfer and immigration to its members. These publications will be developed by ASEI committees.

### Corporate Membership

Corporate membership is open to companies actively engaged in engineering, architecture and related arts and sciences. Benefits include up to \$150 credit toward your first display ad in the monthly newsletter, exclusive access to a no-fee professional employment placement service, a \$100 credit toward your first display ad in the annual convention brochure, discounted rates for exhibit space at annual and local conventions, and a Corporate Member listing in the membership directory.

### Technology Transfer

ASEI assists Indian and U.S. companies by bringing together technology experts in the desired industry. Lists of experts, businesses and technical articles are maintained. Technology liaison is maintained with Indian organizations and with other associations in the U.S.

### Trade Assistance

ASEI plans to acquire and catalog trade laws and policies. Facilitation assistance is provided to trade delegations from India or to U.S. companies.

### Business and Consulting

This committee assists business and consulting firms in areas of mutual interest.

### Student Affairs

ASEI assists students by providing scholarships, opportunities for contact with businesses (job search), in immigration matters (workshops) and other beneficial services such as resume writing, career planning and individual guidance and mentoring.

### Newsletters

The newsletter is sent to all members and is intended to be informative and educational. It communicates key events and news.

### Scholarships and Awards

Student scholarships are awarded based on merit and need. ASEI recognizes outstanding individuals for their professional and entrepreneurial contributions.

It has been said that nobody cares  
how much you know  
– until they know that you care.  
As participants in this convention,  
let it be said that 'we care'.

Ravi Laljani, P.E.

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