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Kyoji Kamemoto is Professor Emeritus of Yokohama National University, Japan and Fellow of Division of Fluids Engineering at the Japan Society of Mechanical Engineers. Also, he is Member of the board of directors of College Master Hands Inc. His research has focused on unsteady fluid dynamics, vortex dynamics, numerical simulation of incompressible flows by the vortex element method and fluid machinery. He is the author of over 70 articles and book chapters, which have appeared in journals such as *Transactions of the Japan Society of Mechanical Engineers*, *Computational Fluid Dynamics Journal*,

JSME International Journal and *Journal of Turbomachinery Society of Japan*. He was the invited speaker of over 10 international conferences.

M. Abdus Sobhan, PhD

Currently, M Abdus Sobhan is a Professor of Electrical, Electronic and Telecommunication Engineering of the School of Engineering and Computer Science of the Independent University, Bangladesh (IUB). The IUB is first ranking Private University in Bangladesh. He has his PhD degree in Engineering from the IIT Kharagpur and the Post-Doc from CTH, Gothenburg, Sweden. He was the Founding Chairman of the Dept. of Computer Science and Engineering of Rajshahi University from 1994 to 1997. He also worked as the Executive Director (ED) of Bangladesh Computer Council (BCC), the ICT Apex Body of the Nation, of the Ministry of Science and ICT from 1997 to 2002. He was the Country Director (CD) of D8Net during 2000-2002 and was the National Y2K Coordinator while he was the ED, BCC. He was also the Founding Vice Chancellor of Prime University, Mirpur, Dhaka, Bangladesh. Prof Sobhan supervised more than forty Doctoral and Masters theses. Sobhan guest edited the Special Issue of the Journal, "Solar Energy Materials and Solar Cells", Volume 28, Number 2, 1992, dedicated to the memory of Prof M Nurul Islam of the APEE Dept of RU during his stay at Chalmers University of Technology Gotheburg, Sweden in 1992. His research focused on Solar Energy Materials and Solar Cells, Reliability Engineering, Graph Theory, Condensed Matter Physics, Wireless Mobile Communication, IPv6-based Computer Networking, 4G Wireless Networks, e-Governance and ICT4D. He published more than 40 articles in international level Journals like *Journal of Applied Physics*, *Physica Stata Solidi*, *Microelectronics and Reliability*, *Solar Energy Materials and Solar Cells*, *Journal of Communications*. He also published more than 80 papers in international level Conference Proceedings, sponsored by IEEE, ACM, and IARIA etc. He is a member the IEEE and the life fellow of the Institution of Engineers Bangladesh (IEB).

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Prof. S. N. Singh, who was born on 5th September 1966, obtained his M. Tech. and Ph. D. in Electrical Engineering from Indian Institute of Technology Kanpur, in 1989 and 1995, respectively. Presently, he is a Professor in the Department of Electrical Engineering, Indian Institute of Technology Kanpur, India. Before joining IIT Kanpur as Associate Professor, Dr Singh worked with UP State Electricity Board as Assistant Engineer from 8-8-1988 to 13-6-1996, with Roorkee University (Now IIT Roorkee) as Assistant Professor from 14-6-1996 to 1-1-2001 and with Asian Institute of Technology, Bangkok, Thailand as Assistant Professor from 2-1-2001 to 4-4-2003. Dr Singh received several awards including Young Engineer Award 2000 of Indian National Academy of Engineering, Khosla Research Award of IIT Roorkee, and Young Engineer Award of CBIP New Delhi (India), 1996. Prof Singh is receipt of Humboldt Fellowship of Germany. His research interests include power system restructuring, FACTS, power system optimization & control, security analysis, wind power, etc. Prof Singh is a Fellow of Institution of Electronics and Telecommunication Engineers (IETE) India, a Senior Member of IEEE, USA, Member of Institution of Engineering & Technology (IET), UK and a Fellow of the Institution of Engineers (India). Prof Singh has published more than 240 papers in International/national journals/conferences. He has also written one Book on Electric Power Generation, Transmission and Distribution published by PHI, India.

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Prof. Shashank B. Thakre is working as a Professor in Mechanical Engineering Department, PRMIT & R, Badnera, Maharashtra, India. He has done his research in the field of reutilization of domestic waste water by designing the aerators to be used in oxidation ditch. He has published 30 papers on various research areas such as renewable energy, environmental pollution and design, in national and international journals. Presently, he is focusing on experimentation and analysis of solar chimney power plant.

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Dr. Jun Wu is now working in School of Civil and Environmental Engineering, Georgia Institute of Technology, as a visiting scholar whose work has focus on the studying and modeling of the transport process of emerging pollutants in porous media. She works at Hefei University of Technology as an

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Dr. Jian Lu worked at Hefei University of Technology for one year as an Assistant Professor before becoming a postdoctoral fellow in school of civil and environmental engineering, Georgia Institute of Technology. He focuses his research interests on the biodegradation or biotransformation behaviors of hazardous environmental pollutants and related treatment techniques for water, air & soil pollution. Research on bio-energy technology such as microbial fuel cell technique is also included.

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Raphael Muzondiwa Jingura is the founding Dean of the School of Engineering Sciences and Technology at Chinhoyi University of Technology. He is a specialist in agricultural sciences and technology. He is a project leader on the UNESCO-Hewlett project working on using grid computing as an e-based technology to reverse brain drain into brain gain for Africa. His research is focused on sustainable and renewable energy technologies with special emphasis on agriculture-derived energy sources such as biofuels. He has published several articles which have appeared in journals such as *Animal Food Science and Technology*, *Tropical Grasslands*, *Energy Sources*, *Biomass and Bioenergy* and *Sustainable and Renewable Energy Reviews*. He has also written two modules on Sample Survey Designs and Guidelines to Scientific Writing.

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Dr. V. Sivasubramanian is an Associate Professor in Chemical Engineering at National Institute of Technology Calicut, India. His research has focused on “Wastewater Treatment using Inverse Fluidized Bed Reactor” and “Treatment of Effluent using Biomembrane Techniques”. He is the author of over 20 articles which have appeared in journals such as *Asia-Pacific J Chem Eng.*, *J Chem Technol Biotechnol.*, *J Chem Eng Japan*, *IETECH J Mech Design*, *J Indian Chem Engr and Rubber India*. He is also author of a book titled, “Process Economics and Industrial Management”. He is the recipient of the award and first prize for an oral presentation from Prof. M. M. Sharma in CHEMCON 2004, Mumbai, India. He is Editor in Intern J Eng Sci Technol, Nigeria and Medwell Journals. He is also reviewer in *Asia-Pacific J Chem Eng*, Wiley Interscience, Australia, *Chem Product and Process Modeling*, The Berkeley Electronic Press, USA, *Chem Eng Sci*, *Adv Powder Technol*, Elsevier, *Desalination Journal*, Elsevier, USA, *Intern J Biotechnol.*, Inderscience Publishers, *Intern J Chem Reactor Eng*, The Berkeley Electronic Press, USA, *Intern J Eng Science and Technology*, Nigeria and *Indian J Sci and Technol*.

Shaw Voon Wong, PhD

Dr. Wong, an Associate Professor was conferred B.Eng. in Mechanical and System Engineering by Universiti Putra Malaysia in 1997 and graduated with 1st class honours degree, 1st of the class. He secured his Ph.D. from Dublin City University, Ireland, in year 2000, having completed his research work within two years and secured his degree within 32 months. Dr. Wong registers as Chartered Engineer in the Engineering Council, United Kingdom, and he is Corporate Member of the Institute of Mechanical Engineers, United Kingdom, as well as the American Society of Mechanical Engineers and Society of Automotive Engineers, USA. Dr. Wong joined Universiti Putra Malaysia as a lecturer since early July 2000. While remaining as academic staff of the faculty, he was invited to join the Road Safety Research Centre, University Putra Malaysia, as researcher. Dr. Wong has led and was leading several research grants sponsored by Ministry of Science, Technology and Environment Malaysia and Universiti Putra Malaysia as project leader with research projects worth over RM6m in total. Dr. Wong has published near to 120 papers in leading scientific journals and conference proceedings, served as the editor of an international conference proceeding and 2 special issues of scientific journal. He has authored five technical books/manuals recently. He is the main inventor of 6 Patents in pending and has produced near to 180 scientific and technical publications in total. Dr. Wong is an editorial board member of International Journal of Crashworthiness (by Taylor & Francis), and the chairman of a National Working Group to

develop and revise Malaysian Standards on restraining systems and devices for motor vehicles from December 2000 to November 2002. Dr. Wong's biographical profile is featured in the 7th and 8th Editions of Marquis Who's Who in Science and Engineering. He was nominated as 2000 Outstanding Scientists of the 21st Century and He is awarded as the International Scientist of the Year 2004 by the International Biographical Association, Cambridge, United Kingdom. In 2004 Dr. Wong was honoured as Outstanding Young Malaysian with Merit by Junior Chamber International as acknowledgement on his contribution in Science and Technology Development. Dr. Wong and his research teams won numerous medals in various national and international exhibitions; a total of 9 in UPM, 8 national, and 7 international and the Excellent Service Awards by the Vice Chancellor of the university for year 2001, 2002, and 2003, consecutively.

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Dr. Nitin W. Ingole is Principal, IBSS College of Engineering , Ghatkheda, Amravati, Maharashtra, India. He has done his M.Tech. in Environmental Engineering. Dr. Ingole is engaged in Biomass energy development since the last 6 years. He has done extensive work on biogas development from aquatic plants and biomass. He has twenty and more publications in national and international journals.

Fatih Camci, PhD

Fatih Camci is an Assistant Professor in the Department of Computer Engineering at Fatih University, Istanbul Turkey. He worked as senior project engineer at Impact Technologies in Rochester, NY for two years with experience in the development of diagnostic/prognostic strategies for naval ship systems and military aircraft applications. Camci received his PhD in Industrial Engineering from Wayne State University. He received his B.S. degree in Computer Engineering from Istanbul University (Turkey) and M.S. degree in Computer Engineering from Fatih University (Turkey). He has been involved in development of optimum maintenance scheduling tools and diagnostics/prognostic methods for naval ship systems. His expertise includes computational intelligence methods such as neural networks, fuzzy logic, support vector machines, etc, and optimization methods such as linear, quadratic optimization, and genetic algorithms, etc.

Milorad Bojic, Sci. Dr.

Prof. Milorad Bojic finished Mechanical Engineering at Belgrade University in 1974, M.Sc at University of Syracuse, New York -USA in 1977 and Sci. Dr. at Kragujevac University, Yugoslavia in 1984. From 1995, he is a full professor of Mechanical Engineering at University of Kragujevac, Department of Energy and Process Engineering in fields of Thermodynamics, Heating, Air conditioning, and Solar energy. In 1997, he was Visiting Professor at Nagoya University, Japan and in 2001-2002 visiting professor, and in 2002/2003, honorary professor at the Hong Kong Polytechnic University. His research fields are Energy recovery, Thermoeconomy, Global warming, Air conditioning, Building energy simulations, Renewable energy, and Architectural engineering. He is an author of more than 200 bibliographical units where around 45 of them are articles in international journals where he was cited around 160 times. He was advisor to around 12 theses at levels such as Sci.Dr., PhD, and M.Sc. Prof. Bojic is Director of Center for Heating, Air Conditioning and Solar Energy, at Mechanical Engineering Faculty, University of Kragujevac. He is member of ASHRAE.

Asim Kumar Pal, PhD

Dr Asim Kumar Pal, an Associate Professor of the Department of Environmental Science & Engineering, Indian School of Mines University, Dhanbad, India, Graduated in Industrial Engineering from Indian Institution of Industrial Engineering, Mumbai in 1984. He secured his M Tech and PhD degree in Industrial Engineering and Management from Indian School of Mines University in the years 1986 and 1994, respectively. His PhD research was confined to Ergonomics application in metalliferous mines in India. He is having more than 20 years of research and teaching experience and has published more than 80 research papers in National, International Journals, seminar, conference, etc. His present areas of research are air and noise impact assessment, modeling and control; Ergonomics application to the problem in occupational health and safety; Quality of life based societal development planning, etc.

Prasanta Sahoo, PhD

Prasanta Sahoo is a Professor at the Department of Mechanical Engineering, Jadavpur University, Kolkata, India. He received Bachelor of Mechanical Engineering (Honours) from Jadavpur University and MTech and PhD in Mechanical Engineering from Indian Institute of Technology, Kharagpur, India. His research area is tribology and structural mechanics. He is the recipient of Fast Track Project for Young Scientists from Department of Science and Technology, Govt. of India. He is the supervisor of 5 PhD theses and 15 Master's theses. He has authored a textbook on Engineering Tribology (Prentice Hall of India, 2005) and a book-chapter in Tribology Research Advances (Nova Science, 2009). He has co-authored more than 130 technical papers in international journals and conference proceedings. He is on the reviewer panel of over fifteen international journals. He is on the editorial board of *Journal of Tribology Research (Serials)*, *Journal of Tribology and Surface Engineering (Nova Science)*, *Materials and Design (Elsevier)*.

Vidosav D. Majstorovic, PhD

Vidosav D. Majstorovic is a full Professor of the Chair of Production Engineering at the Mechanical Engineering Faculty of the Belgrade University, Serbia. MSc title in the field of information systems, and Ph.D. title in the field of expert system for FMS diagnosis and maintenance. He is professor for Quality Management and Cutting Processes and Chief of Laboratory for production Metrology and TQM and also International Center for Excellence of QM and Production Metrology. Professional study visits abroad included: USA, England, Germany, France, Japan, Austria, Norway, Finland, Italy. Established cooperation (FP6, FP7, etc.) with the organization and faculties in Germany, England, USA, Hungary, Austria, France, Italy, Sweden, Australia and Japan. Published a total of more than 500 papers, and presented more than 250 papers at International Conferences and in International Journals and books. Realized more than 280 projects for industry. One of the leaders of the national project for integrated management systems (ISO 9000 / 14000 / 18000 / 22000). General Secretary of the National Organization for Quality, since 1992 and President and founder of Serbian Academy for Quality, since 2004. The representative of Serbia in the EOQ Board, since 2000 and EU Manufature initiative, since 2005. Editor and chief of the International Journal "Total Quality Management & Excellence", since 1994 as well as the editor and chief of the International Journal "Production Engineering and Computers", since 1997. The chairman or the member of program committees more of twenty International Conferences. The member of Editorial Board of several International Journals from Far East, Europe and Nord America. The member of CIRP, IMEKO, IFIP, IFAC, ASQ, JUSE, EOQ. Founder and chairman of the International Working Conference "Total Quality Management – Advanced and Intelligent Approaches", first was held 2001 and last was held – 5th IWC TQM 2009. Founder and chairman of Balkan Quality Conference "Balkan as region of Quality", first was held 2005 and 3rd this year. Author of 27 books. Scientific-professional fields of interest include: Intelligent Manufacturing Systems, TQM, BE, Cutting Processes, Production Metrology and Design for Quality.

K. Somasundaram, PhD

Somasundaram is working as a Associate Professor in Mathematics Department, Amrita Vishwa Vidyapeetham, Coimbatore, India. His research interests are Multi-linear Algebra, Graph Partitioning Algorithms, VLSI Testing and Network on Chips. He has done his research in the field of Multi-linear Algebra and Graph Theory. Currently he is focusing on VLSI circuit testing algorithms and routing algorithms in Network on Chips. He received best teacher award and research initiation awards from Amrita University during 2001 and 2006 respectively. He was a coordinator for the International Conference of Graph Theory and its Applications and editor of the book Graph Theory and its Applications.

Shashi Anand, PhD

Dr. (Mrs) Shashi Anand is Adjunct Professor, Faculty of Minerals and Energy, Murdoch University, Western Australia since May 2009. She had worked at Institute of Minerals and Materials Technology, India, for thirty two years in different positions and superannuated in December 2008 in the position of

Director-Grade-Scientist, Senior Deputy Director on 30th December 2008. She has co-authored over 120 articles in peer reviewed journals and more than 50 articles in proceedings of National and International Conferences. Her field of work is related to process development for non-ferrous metals especially Cu, Ni, Co, Zn, Mg and Mn and process testing in pilot scale. She has worked in forty private industry/public sector financed projects and co-authored 90 reports. Seven students have got Ph.D under her supervision and many more are pursuing their research work for doctoral degree. Nano material synthesis and their application has been her interest during the last one decade. She was co-editor of Metal News during 2003-2005, A publication of Indian Institute of Metals, India. She is in the Editorial Board of *International Journal of Mineral processing and Environment Protection*. Present research activities involve synthesis of nano iron oxides and their applications in toxic ion removal from waste waters (An INDO-AUSTRALA STRATEGIC RESEARCH PROJECT), synthesis and application of nano ceria, fluoride removal from ground water using iron-aluminum mixed oxides, metal recovery from waste materials.

Ian Blenkarn

Ian Blenkarn is a microbiologist with specialist interests in biohazardous waste management, more general waste safety, and hospital, occupational and environmental microbiology, hygiene and infection prevention. Ian has published extensively and lectured widely, both at home and abroad, and maintains an extensive private practice focusing on aspects of general, occupational and environmental microbiology, together with infection control, product design, development and evaluation, audit, and training in the healthcare waste, and environment sectors. He has a strong science-based research record in aspects of environmental, occupational and healthcare microbiology, and a background in hospital and University Medical School laboratory science with more than 30 years post-qualification experience. As CEO of Blenkarn Environmental, Ian acts for local, regional and central government agencies together with educational, charitable and aid agencies that feature among an international client base, while maintaining an extensive research programme and teaching commitment.

Petr Konas, Ph.D.

Petr Konas is an Associate Professor of the Department of Wood Science, Mendel University of Agriculture and Forestry and a Research Assistant at Department of Theoretical and Experimental Electrical Engineering, Brno University of Technology in Czech Republic. He received Ing. (2000) and Ph.D. (2003) in Technology of Wood processing. In 2009 he habilitated in the field of Material Science of Wood. His research fields are numerical simulations of coupled physical phenomena of biology structures. Mainly xylem based structures in tasks of wood drying, biomechanics of plants, transport processes and interaction with electromagnetic field are most important aims of his research. Dr. Konas has published nearly 70 papers in leading scientific and technical publications. His biographical profile is featured in Editions of Marquis Who's Who in the World (2006), Who's Who in Computational Science (2007), Who's Who of Emerging Leaders (2007), Leading Educator of the World (2008) by International Biographical Association, Cambridge, United Kingdom. He is the supervisor of 6 PhD theses and 11 Master's theses.

Angelo Basile, PhD

Dr. Basile, Honours Degree in Chemical Engineering and Ph.D. in Technical Physics, is responsible at the ITM-CNR for the research related to the ultra-pure hydrogen production using Pd-based membrane reactors. He published more than 90 papers as first name and/or corresponding author; 22 invited speaker or plenary lectures and 180 papers in proceedings in International Conferences; lecturer in various Summer Schools on Membrane Reactors organized by the European Membrane Society; author of various international reports; editor of 3 scientific books and also other 8 chapters on international books on membrane science; 7 patents (1 at European level). He is referee for 34 international scientific journals and Member of the Editorial Board of 7 of them; guest editor of 4 Special Issues on Membrane Reactors. Basile participated in and was responsible for various national and int. projects on membrane reactors. Basile was the Director of the ITM-CNR (Dec. 2008 – May 2009).

Syed Raza, PhD

Dr. Raza is currently working as an Assistant Professor of Management at the Department of Management and Marketing, College of Business and Economics, Qatar University. Prior to joining his current position, he held a post doctoral research fellowship at Centre for Research on Transportation, University of Montreal, Canada. He is graduated with a PhD degree from Concordia University, Canada in 2007. He also holds a Master of Science degree from King Fahd University, Saudi Arabia, and a Bachelor Degree from NED University, Pakistan in 2002 and 1999 respectively. His research interests include Revenue Management, Pricing in Micro-Economics, Supply Chain Management, Meta-Heuristics, Planning & Scheduling, Product Development, and Applied Statistics. He has published in the journal of international repute such as *Journal of Heuristics*, *Computers & Industrial Engineering*, *Design Studies*, *International Journal of Operations Research (Special Issues)*, *International Journal of Revenue Management*, *Journal of Quality in Maintenance Engineering*, *International Journal of Management Science and Engineering Management*, *International Journal of Operational Research and Lecture Notes in Computer Science*. His teaching interests are Micro Economics, Managerial Statistics, Operations Management, Quantitative Methods in Business, Revenue Management, Supply Chain Management, etc. He was awarded a certificate of academic merit from NED University, Pakistan in a convocation held in 1999.

Atif Iqbal, PhD

Dr. Iqbal has received his B.Sc. and M.Sc. Engineering (Electrical) degrees in 1991 and 1996, respectively, from the Aligarh Muslim University, Aligarh, India and PhD in January 2006 from Liverpool John Moores University, Liverpool, UK. He has been employed as Lecturer in the Department of Electrical Engineering, Aligarh Muslim University, Aligarh since 1991 where he is currently an Associate Professor. He is on academic leave from AMU and is working with Electrical & Computer Engg. Programme at Texas A&M University at Qatar since March 2009. He has taught several courses in LJMU, Liverpool, UK during his PhD studies. He is recipient of Maulana Tufail Ahmad Gold Medal for standing first at B.Sc. Engg. Exams in 1991 from AMU. He has also honour of receiving EPSRC, Govt. of UK, fellowship for persuing his PhD at LJMU, Liverpool, UK. He has more than 18 years of teaching and research experience. He has guided 1 PhD and 15 M.Tech. Dissertations and several B.Tech. senior design projects. He is currently supervising 4 PhD students. He has authored and co-authored more than 75 research papers in reputed international journals and conferences. He has chaired sessions in international conferences. He has completed 2 large R&D projects from Govt. Of India and one is under progress. He is an associate editor of *Journal of Computer Science, Informatics and Electrical Engineering*, SJI, USA. He is also editor of *IManager's Journal of Electrical Engineering*. He has filed three patents for his innovation in the field of multi-phase (more than three-phase) electrical systems. His principal area of research interest is Modelling and Control of Power Converters and Electromechanical Motion Control.

Haitao Huang, Ph.D

Dr. Haitao Huang obtained his double B.Sc. degrees in Applied Physics and Mathematics from Shanghai Jiao Tong University, M.Sc. in Materials Engineering from Shanghai Institute of Metallurgy and Ph.D in Materials Science from Nanyang Technological University in Singapore. He is currently an Assistant Professor in the Department of Applied Physics, Hong Kong Polytechnic University. His current research interests include high-k and low-k dielectric materials (ceramics and polymer matrix composites), photocatalytic titania, and first principles DFT calculation. He has been a Guest Editor for Composites Part A and Key Engineering Materials. He is currently on the editorial board of Science of Advanced Materials. He has also delivered several invited talks at international conferences.

Thangavelu Periyannan, Ph.D

Reader in Mathematics, Aditanar College of Arts and Science, Tiruchendur-628216, India. He has contributions to curriculum and syllabus design for PG and UG courses in Mathematics. He is the member of the editorial board for three journals and life member for four Mathematical Societies. He is an approved research guide for M.Phil / Ph.D in Mathematical sciences for three universities. He has guided three scholars for Ph.D and 50 scholars for M.Phil. He is presently guiding more than 10 scholars for Ph.D

and five scholars for M.Phil. He published 44 research papers in Mathematics and 11 papers in Computer Applications. He successfully completed three minor research projects. For more information about me one may visit www.thangaveluperiyannan.com

Yechun Wang, PhD

Dr. Yechun Wang is currently an Assistant Professor in the Department of Mechanical Engineering and Applied Mechanics at North Dakota State University (NDSU). She graduated with BS in Chemical Engineering from East China University of Science and Technology in 2001. She received her Master's and Doctoral degrees in Chemical Engineering from University of Maryland in 2004 and 2007 respectively. Before she joined Mechanical Engineering at NDSU in January 2009, she worked as a postdoctoral fellow at the Department of Coatings and Polymeric Materials at NDSU. Her research interests are interfacial dynamics in microfluidics, biofluid mechanics, and characterization of corrosion protective coatings.

Siba Sankar Mahapatra, PhD

Dr. S.S. Mahapatra is Professor in the Department of Mechanical Engineering, National Institute of Technology Rourkela, India. He has more than 20 years of experience in teaching and research. His current area of research includes Multi-criteria Decision-Making, Quality Engineering, Assembly Line Balancing, Group Technology, Neural Networks, and Non-traditional Optimization and Simulation. He has published more than fifty papers in referred international journals. He has also presented more than one hundred research articles in national and international conferences. He has written few books related to his research work. He is currently dealing with few projects sponsored by government of India.

Sangeeta Sahney, PhD

Dr. Sangeeta Sahney, is an Assistant Professor, in the Vinod Gupta School of Management, Indian Institute of Technology, Kharagpur, West Bengal, India. Her areas of specialization are Consumer Behavior, Services Marketing, Quality Management and Organization Behavior. Presently she is on a short term deputation to the School of Management, Asian Institute of Technology, Bangkok.

Saurabh Mukherjee, PhD

Dr. Saurabh Mukherjee has done his doctorate in digital image processing using soft computing. He is having 12 years of teaching and research experience. He has published and presented various papers in national and international journals and conferences including IEEE CS. A two time recipient of the prestigious JSRS award for best research paper presentation, he has been actively involved in the upliftment of computer science research in his region. An international scholarship holder from Chinese govt., he has a good flair in Chinese language too. He is an Editor of International Journal of Management and Information Technology-Sanchayan. He is a member of three International journals in the area of computer science and technology. Recently he was invited for a session in NISS, Beijing, China. He is actively involved as a member in the Track committee of AI and SPA in ITNG-2010, Las Vegas, USA. He has represented his institute in IIM, Ahmedabad (Asia Pacific Conference) and in IIT, Kanpur for International workshop in Brain and computations. Presently heading the department of Computer Applications in PIM, he has trained various corporate and faculty members. Prof. Mukherjee is committed to serve the mankind through his dedicated teaching and research. Presently he is actively involved in a Collaborative International Project with University of Bridgeport, USA.

Amares Chattopadhyay, Ph.D

Dr. Amares Chattopadhyay is Professor of Mathematics at Indian School of Mines, Dhanbad. He has about 38 years of research and 32 years of teaching experience. Professor Chattopadhyay was Awarded Atomic Energy Fellowship by the Government of India during 1973-76 for Ph.D work, Post Doctoral Fellowship for research work in 'Pierre et Marie Curie University', Paris, France during 1982-1983, and INSA-Royal Society Fellowship in 1999 for research work in UK. He worked as a Visiting Professor in the TU, Vienna, Austria and also in the University of Kaiserslautern, Germany (DAAD Assignment) during 2002-2003. He

received Michael Madhusudan Award in 2004 and Subarna and Sashibhusan Memorial Award, in 2005. He has completed some sponsored projects. A number of students were awarded Ph.D, M.Phil (Maths), M.Tech (CA) under his guidance. He has published more than hundred papers in International/ National Journals. He is the editor of two scientific books. Prof Chattopadhyay has served as reviewers in many International/National journals. He is also Editorial board member of International Journals. He is Fellow (FICDM) of a learned society.

Fiorenzo Franceschini

Fiorenzo Franceschini is Full Professor of Quality Engineering at the Politecnico di Torino (Italy) – Department of Production Systems and Business Economics. He is author and coauthor of 7 books and about 120 published papers in scientific journals, and international conference proceedings. His current research interests are in the areas of Quality Engineering, Performance Measurement Systems and Large Scale Metrology. At present, he coordinates some important projects in the area of Quality Management for Public and Private organizations. He is a Senior Member of ASQ (American Society for Quality), INFORMS (The Institute for Operations Research and Management Sciences). He serves as a Member of the Editorial Board of *Quality Engineering*, *International Journal of Quality & Reliability Management* and *International Journal of Services and Operations Management*. Currently, he is Head of the Department of Production Systems and Business Economics at The Politecnico di Torino. Since June 1996 he is Project Coordinator of the *Quality Assurance Section* of the Politecnico di Torino. Since August 1997, he is a member of the European Experts Database as evaluator of the Research Technological Development (RTD) proposals in Industrial and Materials Technologies for the European Community. He works as a referee for *the IIE Transaction*, *Research in Engineering Design*, *Concurrent Engineering: Research and Applications*, *International Journal of Production Research*, *International Journal of Production Economics*, *Robotics and Computer Integrated Manufacturing*, *European Journal of Operational Research*.

Vipan Kakkar, PhD

Dr. Vipan Kakkar is Associate Professor and Director of School of Electronics and Communication Engineering at Shri Mata Vaishno Devi University, Katra, India. He received his Bachelor's and Master's degrees with specialization in electronics engineering. He received his doctorate from Delft University of Technology, Netherlands in 2002. During 1999-2008, he worked in Netherlands in VLSI design for audio and video applications. He worked at NXP/Philips, Netherlands for 9 years at different positions, working on complex System-on-Chip projects. He has been recognised for his work on System-on-Chip design in industry. His research focus is in embedded systems and VLSI for audio, video and biomedical applications.

G. B. Gharehpetian, PhD

G. B. Gharehpetian received his Ph.D. degree in electrical engineering 1996 from Tehran University, Tehran, Iran, graduating with First Class Honors. As a Ph.D. student, he has received scholarship from German Academic Exchange Service from 1993 to 1996 and he was with High Voltage Institute of RWTH Aachen, Aachen, Germany. He has been holding the Assistant Professor position at AUT from 1997 to 2003, the position of Associate Professor from 2004 to 2007 and has been Professor since 2007. He was selected by the ministry of higher education as the distinguished professor of Iran and by IAEEE as the distinguished researcher of Iran and was awarded the National Prize in 2008 and 2010, respectively.

Behrooz Vahidi, PhD

Behrooz Vahidi received the B.S. in electrical engineering from Sharif University of Technology, Tehran, Iran in 1980 and M.S. degree in electrical engineering from Amirkabir University of Technology (AUT), Tehran, Iran in 1989. He also received his Ph.D. in electrical engineering from UMIST, Manchester, UK in 1997. From 1980 to 1986 he worked in the field of high voltage in industry as chief engineer. From 1989 to present he has been with the department of electrical engineering of AUT where he is now a professor. Prof. Vahidi is IEEE senior member and he is vice chairman of IEEE Iran Section. He is the director of

power system center of excellence at AUT. His main fields of research are high voltage, electrical insulation, power system transient, lightning protection and pulse power technology. He has authored and co-authored five books and 200 papers on high voltage engineering and power system.

Yusuf Şahin, PhD

Yusuf Şahin was born in the Turkey in 1954, and educated at Gazi University in Ankara, where he read Production Engineering (Metal cutting technology) and obtained his B.Sc degree. From 1976 to 1985 he worked as a technical training expert of Technical&Vocational School in the Ministry of Education. Şahin joined to Production Research Groups of Gazi University and worked several years as a research assistant. He also completed his MSc degree at the Institute of Science and Technology of Gazi University in 1988. Şahin then went to the “Department of Mechanical Engineering of Aston University in Birmingham, carrying out research on the production, mechanical and wear properties of unidirectional boron fibre reinforced metal matrix composites. He was awarded his PhD in 1995. He returned the University of Gazi at the 1995, and lectures “Composite Materials” and “Metal Cutting Principles”. “Manufacturing processes” and “Die design” are also his interested areas. He became Assistant Professor and Associate Professor in 1995, 1996, respectively. Then he became a Professor in 2002 and since then he has been working in the Department of Manufacturing Engineering of Faculty of Technology in Gazi University as a senior Professor. He has published over 40 research papers on a variety of mechanical/metallurgical topics such as metal matrix composite productions, their wear and friction behaviours, manufacturing processes, metal cutting and machining, and has written several books including “Metal Cutting Principles Vol. I, Vol.II”, “Introduction to Composites”, “Manufacturing Processes,” and “Computer Aided Design and Modelling Techniques”. His principle research interest is composite materials, wear and metal cutting processes.

Okba Hamri, PhD

Okba Hamri, Associate Professor in mechanical engineering, department of mechanical engineering of Bejaia University, Algeria, (2008-2011). Ph.D in mechanical engineering from the National Polytechnic Institute of Grenoble (FRANCE), 2006. Ph.D in Mechanics and Machines Design from the University of Genoa (Italy), 2006. Invited professor at « École polytechnique de Masuku (EPM), Gabon », (2007-2011). Industrial expert in CAD\CAM\CAE software. Research interests include Geometric modeling, Computer Aided Design, Computer Aided Engineering, Finite element model preparation, model preparation for structural analysis, mechanical simulation, Data exchanges between CAD/CAE software, form features, topological models, CAD/CAE software development and architecture.

Yakup Yildiz, PhD

Yakup Yildiz is of Mechanical Department, Faculty of Technical Education, Dumlupinar University (2010-Current). He received his MSc in 2004 and PhD in 2010 from Institute of Science and Technology at Gazi University, TURKEY. He has eight years of experience in manufacturing industry and academia. His current research interests are in the areas of Traditional and Nontraditional Manufacturing, Cryogenic Treatment/Machining, CAD/CAM/CAE.

**Please note that information concerning the bios of other Board Members would be added as soon as we have them