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ORSI - Ahmedabad Chapter



In collaboration with
P&QM Area
Indian Institute of Management
Ahmedabad



Co-Sponsors



ORSI, Madras Chapter



Department of Mathematics
Department of Management Studies
Indian Institute of Technology
Madras

Second National Conference on
Management Science and Practice
March 9-11, 2007

In memory of
Professor S.K. Srinivasan
Professor Emeritus, Department of Mathematics
Indian Institute of Technology, Madras

Theme: Stochastic Models in Management Science

Venue
Indian Institute of Technology, Madras

Conference Website: <http://www.orsiahmedabad.org>

Patron

M.S. Ananth
Director, IIT, Madras

National Scientific Committee

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Department of Management studies
IIT, Madras

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P&QM Area, IIMA

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P&QM Area, IIMA

* Confirmation awaited

**Second National Conference on Management Science and Practice
March 9-11, 2007
Conference Website: <http://www.orsiahmedabad.org>**

The Operational Research Society of India, Ahmedabad Chapter in collaboration with the Production and Quantitative Method Areas of Indian Institute of Management, Ahmedabad is pleased to announce the Second National Conference on Management Science and Practice during March 9-11, 2007.

This conference is dedicated to the memory of S.K. Srinivasan, Professor Emeritus, Department of Mathematics, Indian Institute of Technology, Madras.

The purpose of this Conference is to provide an opportunity for scholars working in the broad area of applied management science to present and share their work. It is hoped such Conferences would promote interaction among industry and academia. Often, such interactions lead to new and challenging research areas.

The Conference would consist of several invited presentations, plenary sessions, invited tutorials and contributed papers. The Conference is open to academicians and practitioners working in the broad area of applied management science.

Contributed papers are invited for this Conference in the broad area of management science with a clear focus on application. Ideally, the presentation should focus on an important practical problem or discuss a methodology which has relevant and meaningful application in real life. We seek contributions from industry emphasizing an application with appropriate academic rigor.

It is planned to bring out a reviewed printed volume of the papers presented in the conference. This Conference is scheduled to begin on March 9, 2007 – 09.30 a.m. and will end on March 11, 2007 – 3.30 p.m.

The registered participants would have access to the conference proceedings and publication, lunches and dinners during the conference. Dormitory accommodation would be reserved for registered participants on a payment basis on IIT campus on a first cum first serve basis.

Registration Fee:

Rs. 1,000/- for Research Students

Rs. 2,000/- for Academicians

Rs. 5,000/- for Practitioners from Industry

Demand Draft in favour of ORSI, Ahmedabad Chapter payable at Ahmedabad may please be sent it to Dr. N. Ravichandran, Co-ordinator, at the address given below.

Organizing Committee

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Anna University, Madras

If you want to participate in this Conference, please send an email (t.vasudha@gmail.com) with your name, designation and affiliation and the desire for accommodation on IIT Madras campus. Alternatively, the registration form may be completed and mailed to the Co-ordinator along with the Registration Fee.

Important Dates

If you want to contribute a paper, please send an abstract as early as possible but preferably before February 20, 2007.

The full paper to be included in the edited volume should be available by March 5, 2007.

Conference Secretariat:

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Professor Sumangali Kidambi Srinivasan

S.K. Srinivasan was born in Kanchipuram in Tamil Nadu, India on December 16, 1930. After completing his high school education in Cheyyar, he joined the Vivekananda College to study Mathematics and obtained his B.A.(Hons) degree of the University of Madras in 1953. Attracted by the opportunity to work with Professor Alladi Ramakrishnan, he then joined the University of Madras to work in Mathematical Physics and received his M.Sc. degree (by research) in 1955 and Ph.D. degree of the University of Madras in 1958.

After submitting his doctoral thesis, he went to the University of Sydney as postdoctoral fellow. After a year he returned to the University of Madras, accepting a senior research fellowship of the National Institute of Sciences of India. He joined the Indian Institute of Technology, Madras in 1959 at its very inception. Here he went on to become a professor in 1967 and a senior professor in 1974.

At the Indian Institute of Technology, Madras, Professor Srinivasan has served as the Head of the Department of Mathematics, Dean of Research Programmes and a Member of the Board of Governors. In addition he has served in a host of other important committees.

His research interests were in the field of Stochastic Processes and their Applications, Quantum Mechanics and Fields, Quantum and Nonlinear Optics, Statistical Mechanics and Fluctuation Phenomena, Mathematical Biology and Operations Research. He had published more than 200 scientific papers in established journals and authored 10 scientific books. He has guided 20 students in their Ph.D. programme. One of them got his degree in Electrical Engineering, one in Civil Engineering, two in Physics and the rest in Mathematics.

Professor Srinivasan has had visiting assignments at various Universities abroad: University of Sydney, State University of New York at Buffalo, University of Waterloo, National University of Singapore, Technical University of Munich and University of Texas at Austin.

Professor Srinivasan is a life member of the Indian Mathematical Society, Operational Research Society of India (President, 1975-1979) and Bernoulli Society of Probability and Mathematical Statistics, an elected Fellow of the Indian Academy of Sciences and a founder fellow of the Tamil Nadu Academy of the Sciences. He was on the editorial board of "OPSEARCH" (1973-1977) and is a founder editor of the "Journal of Mathematical and Physical Sciences" now in its 24th year of publication. He is on the editorial board of "Solid Mechanics Archives" and "Annals of the Institute of Statistical Mathematics" and is a member of the Research Board of Advisers of the American Biographical Institute. Professor Srinivasan is listed in several directories of men of achievement and distinction.

Professor Srinivasan is an original thinker. His papers are marked by their clarity and originality. He is one of the early workers in the field of stochastic processes and to his are due some important results. A characteristic of Professor Srinivasan is the strong application bias, maintaining at the same time strong theoretical support and mathematical rigour for his work. In addition he was helpful in advising and influencing many graduate students. He is selfless and extraordinarily generous in giving his time and concern to his students and colleagues.

List of Topics Relevant to this conference

Analytic Hierarchy Process	Manufacturing systems
Applied Probability	Marketing Models
Applications in Banking and Insurance	Materials Management
Business Applications	Mathematical Programming
Business Process Reengineering	Multi-criteria Decision Making
Cellular Manufacturing	Networks optimization
Combinatorial Optimization	New Product Development
Data Envelopment Analysis	Nonlinear Programming
Data Mining	Optimization Techniques
Decision Analysis	OR/MS Models
Decision Support System	Planning Models
Defence Applications	Probability
Dynamic Programming	Production Planning
E-Commerce	Project Management
Energy Modeling	Quality Management
Expert Systems	Queuing Models
Education	Reliability
Financial Engineering	Retail
Flexible Manufacturing systems	Revenue Management
Forecasting	Rural Development
Health Applications	Scheduling
Information Systems	Simulation
Innovation	Six Sigma
Entrepreneurship	Statistical Quality Control
Integer Programming	Stochastic Optimization
Inventory Management	Stochastic Process
Linear Programming	Supply Chain Management
Facility Location	Technology Management
Logistics	Transportation
	Tourism



**Second National Conference on Management Science and Practice
Indian Institute of Technology, Madras - March 9-11, 2007**

Tentative Schedule

	Day 1 - Friday March 9, 2007	Day 2 – Saturday March 10, 2007	Day 3 – Sunday March 11, 2007
0900 - 1030	Registration / Inauguration	Contributed Papers – Parallel Tracks	Contributed Papers – Parallel Tracks
1030 - 1100	Tea / Coffee	Tea / Coffee	Tea / Coffee
1100 - 1200	Plenary Session	Plenary Session	Plenary Session
1200 - 1330	Invited Talks / Contributed Sessions	Invited Talks / Contributed Sessions	Invited Talks / Contributed Sessions
1330 - 1430	Lunch	Lunch	Lunch
1430 - 1530	Plenary Session	Plenary Session	Conclusion
1530 - 1600	Beverages	Beverages	
1600 - 1730	Invited Talks / Contributed Sessions	Invited Talks / Contributed Sessions	
1730 – 1800	Beverages	Beverages	
1800 - 1930	Cultural Programme	Remembrance of SKS	
2000 - 2100	Conference Dinner	Conference Dinner	

Management Science and Practice – Conference series

ORSI Ahmedabad Chapter has launched a new conference series under the title **Management Science and Practice** with an aim to promote the discipline of Operations Research in India. The primary purpose of this conference series is to discuss and disseminate applied operations research in the Indian context. These conferences are expected to provide a meeting ground for industry specialists and application oriented academicians. These conferences also expected to provide a wide exposure to young Ph.D. students to develop an understanding of emerging areas of research. In addition, these conferences would provide a meaningful platform to disseminate research outcome of a national level project which should bring together academicians, industrialists and Ph.D. students across the country.

The first conference under this banner was held in Indian Institute of Management, Ahmedabad during March 31 – April 1, 2006 in honor of Professor Jahar Saha on the occasion of his superannuation from the Indian Institute of Management, Ahmedabad. This conference was attended by about 100 participants. About 50 scientific papers were presented in this conference. The edited volume of the proceedings of the conference are expected to be published by mid February 2007.

The second conference is scheduled to be held during March 9-11, 2007 in Indian Institute of Technology, Madras in memory of Professor S.K. Srinivasan who passed away after a brief illness on October 21, 2006.

In the near future, we plan to launch a national level long duration research project to facilitate an promote application of mathematical and stochastic models in management science.

For additional information please visit ORSI Ahmedabad Chapter website <http://www.orsiahmedabad.org> or write to Dr. T. Vasudha, Executive Assistant, ORSI Ahmedabad Chapter (Email: t.vasudha@gmail.com)

Operational Research Society of India

The Operational Research Society of India (ORSI) is a national forum set up with the objective of promoting the education and applications of Operational Research (OR) in day-to-day environment in business, industry and other organisations. It has headquarters in Kolkata (Calcutta) and is managed by duly elected Governing Council. The Society has many Chapters in different parts of the country. The Chapters are involved in activities such as lecture meetings, seminars and discussions, short courses/ workshops and counseling to student members.

Membership of ORSI has various categories: Fellow, Senior Member, Life Member/Member, Student Member and Institutional Member.

The Society conducts Graduateship examination in Operational Research once every year in May at several centers in India. The graduateship examination is recognized by the Ministry of Human Resources Development, Government of India. Students who have graduated in this programme are well accepted in the academic and industrial environments.

The ORSI publishes a quarterly journal called OPSEARCH, which is recognized as one of the leading journals of OR in the world.

The Society is one of the founding members of the International Federation of Operational Research Societies (IFORS). It is also an active member of the Asian Pacific Operational Research Societies (APORS) and has taken a major role in the publication of the Asia-Pacific Journal of Operational Research. The IFORS is recognized by the United Nations as a specialist world organization. The ORSI holds a national Convention every year.