

**NATIONAL WORKSHOP**  
**ON**  
**INTERGRATING MATHEMATICAL SCIENCE AND SPIRITUALITY**

**December 21-23, 2009**

**VENUE**

**Conference Center, University of Delhi, North Campus**

**Sponsored By**

**Mathematics Sciences Office, Department of Science & Technology  
&  
Defense Research & Development Organization**

**Supported By**

**Faculty of Management Studies, University of Delhi  
&  
LNJ Bhilwara Group of Companies**

Organized By

**FACULTY OF MANAGEMENT STUDIES,  
UNIVERSITY OF DELHI**

	<b><u>December 21, 2009</u></b>	
	<b><u>INAUGURAL CEREMONY</u></b>	
	<b>Registration</b>	<b>8.30a.m. Onwards</b>
	<b>Presentation of the Modalities of the workshop by Sunita Singh Sengupta, Workshop Convener</b>	<b>10.00 a.m.–10.15 a.m.</b>
	<b>Welcome by the Dean, Faculty of Management Studies, University of Delhi</b>	<b>10.15a.m.– 10.30 a.m.</b>
	<b>Inauguration by Prof. Deepak Pental, Vice Chancellor, University of Delhi</b>	<b>10.30a.m. - 11.00 a.m</b>
	<b>Opening Address by Smt. Sheila Dixit, Chief Minister of Delhi.</b>	<b>11.00 a.m.–11.30 a.m.</b>
	<b>Keynote Address by Shri L.N. Jhunjhunwala, Founder of Bhilwara Group of Companies</b>	<b>11.30a.m.–12.00 p.m.</b>
	<b>Presidential Address by Shri Shraddhalu Ranade, Sri Aurobindo Ashram, Pondicherry.</b>	<b>12.00p.m.–12.30 p.m.</b>
	<b>Vote of Thanks by Prof. B.K.Das, Head, Department of Mathematical Studies</b>	<b>12.30p.m.–12.45 p.m.</b>
	<b>LUNCH</b>	<b>12.45 p.m.– 2.00 p.m.</b>
	<b><u>Workshop Session-1</u></b>  <b>The History Of Mathematics And Its Religio-Spiritual Sources</b>  <b>Speakers:</b> <b>1. Dr. R. Gopalakrishnan, Professor and Head Philosophy University of Madras: - Development of Indian Mathematical Science in the context of Indian spirituality with special reference to Ramanujam</b>	<b>2.00 p.m. – 3.30 p.m</b>   <b>2.00 p.m. – 2.30 p.m.</b>

	2. Dr. Shradhalu Ranade, Sri Aurobindo Ashram: <b>Mathematics of Infinities in Vedantic Thought</b>	2.30 p.m. – 3.00 p.m.
	<b>Interaction</b>	3.00 p.m. – 3.30 p.m.
	<b>TEA BREAK</b>	3.30 p.m. – 3.45 p.m.
	<b><u>Workshop Session-2</u></b>  <b>Vedic Maths And Its Relation To Ethical Decision Making</b>  <b>Speakers:</b>  1. Dr. R.K. Vaithyanathan, Principal Nehru College of Management Coimbatore: - <b>Vedic Math and its Relation to Ethical Decision-making.</b>  2. Dr. Gaurav Tekriwal, President Vedic Maths Forum India: - <b>Vedic Maths and Problem Solving.</b>  3. Dr. Mohan D. Sharma, Professor, Department of Mathematics, Kurushetra University : <b>Life Path: A Ray</b>	3.45 p.m. – 5.30 p.m.    3.45 p.m. – 4.15 p.m.    4.15 p.m. – 4.45 p.m.    4.45 p.m. – 5.15 p.m.
	<b>INTERACTION</b>	5.15 p.m. – 5.30 p.m.
	<b>Cultural Evening Followed by Inaugural Dinner</b>	Starts at 6.00 p.m.

	<b><u>December 22, 2009</u></b>	
	<b><u>Workshop Session-3</u></b>  <b>Mathematical Approach to Understand Consciousness</b> <b>Speakers:</b> <ol style="list-style-type: none"> <li>1. Dr. Shraddhalu Ranade, Sri Aurobindo Ashram:  - Spritual Symbolism in Numbers and Numerical Relationship.</li> <li>2. Dr. D.K.Hari, Founder Bharathgyan: <b>Indian Mathematics and its Origin from Nature</b></li> </ol>	9.45. a.m. - 11.15a .m.  9.45 a.m. 10.15 a.m.  10.15 a.m. 10.45 a.m.
	<b>INTERACTION</b>	<b>10.45 a.m–11. 15 a.m.</b>
	<b>TEA BREAK</b>	<b>11.15 a.m. - 11.30a.m.</b>

	<b>PARTICIPANTS' PRESENTATION</b>	<b>11.30 a.m.– 1.30 p.m.</b>
	<ol style="list-style-type: none"> <li>1. Mr. Sanjeev Kumar, Graphic Era University, Dehradun: <b>Rediscovering the 'Spiritual Dimension ' in Mathematics.</b></li> <li>2. Mr. Vicky Suri, NSIT, University of Delhi: <b>Spirituality and Applied Self</b></li> <li>3. Mr. Balaji D., IFET College of Engineering, Anna University: <b>The Concept of time and Space Concerning Spirituality.</b></li> </ol>	<b>11.30 a.m.–11.45 a.m.</b>  <b>11.45 a.m.–12.00p.m.</b>  <b>12.00 p.m.–12.15p.m.</b>
	<b>INTERACTION</b>	<b>12.15p.m.-12.30p.m.</b>
	<ol style="list-style-type: none"> <li>4. Mr. Pawan Kumar, Town &amp; Country Planning Organization: <b>Spirituality in Modern Science and World Economic Recession</b></li> <li>5. Dr. Gautam Hazarika, Manager – Business Process: <b>A Vedantic Approach to Zero, Infinity, Time &amp; Space Vis – a – vis the Mathematical Perspective.</b></li> <li>6. Ms. Ritu Gupta, Utrkhand Technical University: <b>Modern Management: Convergence of Mathematical Science and Spirituality</b></li> </ol>	<b>12.30p.m.-12.45p.m.</b>  <b>12.24p.m.-1.00p.m.</b>  <b>1.00p.m.-1.15p.m.</b>
	<b>INTERACTION</b>	<b>1.15p.m.– 1.30 p.m.</b>
	<b>LUNCH</b>	<b>1.30p.m.-2.00p.m.</b>

<p><b><u>Workshop Session-4</u></b></p> <p><b>Mathematical Science And Mystical Experiences</b></p> <p><b>Speakers:</b></p> <ol style="list-style-type: none"> <li>1. Dr. R.P. Singh, Professor Center for Philosophy, School of Social Sciences JNU Delhi: - <b>Spirituality, Logic and Science.</b></li> <li>2. Dr. Anil Grover, Delhi: - <b>Sri Yantra: Mathematics and Mystical Concepts</b></li> <li>3. Dr. Hira Paul Gangnegi, Department of Buddhist Studies, University of Delhi :- <b>Concept of Sunyata and Its Relevance Today According to Madhyamika Practices of Buddhism</b></li> </ol>	<p><b>2.00p.m. - 3.30 p.m.</b></p> <p><b>2.00 p.m. – 2.30 p.m.</b></p> <p><b>2.30 p.m. – 3.00 p.m.</b></p> <p><b>3.00 p.m. – 3.30 p.m.</b></p>
<p><b>INTERACTION</b></p>	<p><b>3.30 p.m. – 3.45 p.m.</b></p>
<p><b>TEA BREAK</b></p>	<p><b>3.45 p.m. – 4.00 p.m.</b></p>
<p><b><u>Workshop Session-5</u></b></p> <p><b>The Concept Of Time and Space Vis-À-Vis Spirituality</b></p> <ol style="list-style-type: none"> <li>1. Dr. Subhash Sharma, Dean Indinan Business Academy Bangalore: - <b>Space and Consciousness; Toward a Speculative Convergence of Science and Spirituality Through Unfolding of Universal Spiritual Consciousness.</b></li> <li>2. Smt. D.K.Hema Hari, Co-Founder Bharatgyan: <b>The Indian Concept of Time</b></li> </ol>	<p><b>4.00 p.m. - 5.15 p.m.</b></p> <p><b>4.00 p.m. – 4.30 p.m.</b></p> <p><b>4.30 p.m. – 5.00 p.m.</b></p>
<p><b>INTERACTION</b></p>	<p><b>5.00 p.m. – 5.15p.m.</b></p>

	<b><u>December 23, 2009</u></b>	
	<b><u>Panel Discussion- 1</u></b>  <b>Mathematical Modeling and Higher Levels of Consciousness</b>  <b>Speakers:</b> <ol style="list-style-type: none"> <li>1. Dr. V.K. Katiyar, Professor Department of Mathematics IIT Roorkee: - <b>Mathematical Modeling and Higher Levels of Consciousness.</b></li> <li>2. Dr. C.E.Venimadhavan:- <b>Mathematical Modelling and Spirituality</b></li> </ol>	<b>9.45 a.m. – 11.15 a.m.</b>
	<b><u>Panel Discussion- 2</u></b>  <b>Cognitive Artificial Intelligence</b>  <b>Speakers:</b> <ol style="list-style-type: none"> <li>1. Dr. Laxmidhar Behera, Associate Professor, Department of Electrical Engineering, Indian Institute of Technology, Kanpur:- <b>Cognitive Artificial Intellegence</b></li> <li>2. Dr. Shraddhalu Ranade, Sri Aurobindo Ashram: - <b>Relevance of Vedantic Models of the Mind to Artifical Intellegence</b></li> <li>3. Dr. C.E. Venimadhavan:- <b>Indian Ethos and Insights in Cognitive Artificial Intelligence</b></li> </ol>	<b>9.45 a.m. - 11-15 a.m.</b>
	<b>TEA BREAK</b>	<b>11.15 a.m. - 11.30 a.m.</b>

	<p><b><u>Workshop Session-7</u></b></p> <p><b>The Science Of Consciousness</b></p> <p><b>Speakers:</b></p> <ol style="list-style-type: none"> <li>1. Dr. Anil K. Singh, Director Neuro science Department Fortis Hospital:- <b>The Science of Consciousness</b></li> <li>2. Dr. Subhash C. Mishra, Department of Mechanical Engineering IIT Guwahati: - <b>Mathematical Science as a form of Spirituality and Spirituality as a Type of Science.</b></li> </ol>	<p><b>11.30 a.m. - 1.00 p.m.</b></p>
	<p><b>LUNCH BREAK</b></p>	<p><b>1.00 p.m. - 2.00 p.m.</b></p>
	<p><b>Research Idea Generation: Interactive Session</b></p>	<p><b>2.00 p.m. - 3.00 p.m.</b></p>
	<p><b>TEA BREAK</b></p>	<p><b>3.00 p.m. - 3.30 p.m.</b></p>
	<p><b>VALEDICTORY SESSION</b></p>	<p><b>3.30 p.m. - 4.30 p.m.</b></p>