

## 9th ISEM'14-New Delhi Program (Tentative 2014-1013)

# Overview

			Room A	Room B	Room C
<b>Day 1 (Nov. 1, Saturday)</b>					
	16:00-18:30	Registration			
	18:30-20:00	Reception			
<b>Day 2 (Nov. 2, Sunday)</b>					
	8:00-	Registration			
	9:00		Opening ceremony		
			Opening address (Prof. Kenji Katoh, President of JSEM)		
	9:30-10:30		Plenary lecture 1 (Prof. Sriman Kumar Bhattacharyya)		
		Coffee break			
	10:45-12:05		A1 (Structures)	B1 (Instrumentation and Control)	C1 (Combustion and Heat Transfer)
		Lunch			
	13:20-15:00		A2 (Smart Materials and Composites)	B2 (Photoelasticity)	C2 (Recycling and Material Processing)
		Coffee break			
	16:00-23:30	Excursion and Banquet (Kingdom of Dreams: Muscial show and dinner)			
<b>Day 3 (Nov. 3, Monday)</b>					
	8:30-	Registration			
	9:20-11:00		A3 (Material Characterisation and Testing)	B3 (DIC I)	C3 (Environmental Sciences)
		Coffee break			
	11:15-12:40		POSTER SESSION		
		Lunch			
	14:00-18:30	Mini tour (Visit to IIT Delhi)			
<b>Day 4 (Nov. 4, Tuesday)</b>					
	8:30-	Registration			
	9:00-10:20		A4 (Biomedical Engineering)	B4 (Optical Methods I)	C4 (Experimental Fluid Mechanics)
		Coffee break			
	10:45-12:05		A5 (Structural Health Monitoring)	B5 (Biomechanics)	C5 (Fracture and Failure)
		Lunch			
	13:10-14:20		A6 (Structural Health Monitoring II)	B6 (Optical Methods II)	C6 (Experimental Fluid Mechanics)
	15:10-18:30	Mini tour (City tour: Lotus Temple and Qutub Minar)			
<b>Day 5 (Nov. 5, Wednesday)</b>					
	8:30-	Technical Conference Tour (Visit to Taj-Agra - Mathura with Industry, Two days trip)			
<b>Day 6 (Nov. 6, Thursday)</b>					
	-18:30	Arriving at hotel			
	18:30	Closing address for all symposium			

# 9th ISEM'14-New Delhi

## Schedule and Programme (Tentative 2014-1013)

Time	Room A	Room B	Room C
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Day 1 (Nov. 1, Saturday)	
16:00–18:30	Registration
18:30–20:00	Reception

Day 2 (Nov. 2, Sunday)			
08:00 -	Registration		
09:00	Opening Ceremony Opening Address (Prof. Kenji Katoh, President of JSEM)		
09:30–10:30	Plenary lecture 1 (Prof. Sriman Kumar Bhattacharyya)		
	Coffee Break		
10:45–12:05	<b>Session A1 (Structures)</b>	<b>Session B1 (Instrumentation and Control)</b>	<b>Session C1 (Combustion and Heat Transfer)</b>
10:45-11:05	<b>088, Mechanical Properties of Dora Hemp Oval Chain Structure Fibre Reinforced Polyester Composites</b> Nadendra SRINIVASABABU / Vignan's Lara Institute of Technology and Science	<b>094, Study on Directivity Control by Ultrasonic Stacked Transducer with M-Sequence</b> Daiyu KANEDA / Wakayama University Hiroshi YONENAKA / Wakayama University Yorinobu MURATA / Wakayama University Motoharu FUJIGAKI / Wakayama University	<b>041, Digital Holographic Interferometry for the Study of Heat Dissipation Process from Heat Sink</b> Varun KUMAR / IIT Delhi Chandra SHAKHER / IIT Delhi
11:05-11:25	<b>030, Study on Estimation of Foundation Strength during Digging Operation by Hydraulic Excavator</b> Ryoichiro YAMAZAKI / Tohoku University Tomoaki SATOMI / Tohoku University Hiroshi TAKAHASHI / Tohoku University	<b>081, PI-Controller Design using LQR for Bearingless Brushless DC Motor</b> Supanut NAMJUNTRA / Thai-Nichi Institute of Technology Phaisarn SUDWILAI / Thai-Nichi Institute of Technology Atip KLANGWICHEN / Thai-Nichi Institute of Technology	<b>006, Development of Non-contact Scraped Surface Heat Exchanger</b> Takashi MATSUNAGA / Kurume National College of Technology Keiichi NAKAMURA / Sakura Seisakusho Ltd.
11:25-11:45	<b>079, Investigating the Influence of Projectile Shape on the Dynamic Behaviour of Metallic Plates</b> Danish Iqbal / Indian Institute of Technology Vikrant Tiwari / Indian Institute of Technology	<b>082, A Design and Development of Bearingless Brushless DC motor using Finite Element Methods</b> Atip KLANGWICHEN / Thai-Nichi Institute of Technology Phaisarn SUDWILAI / Thai-Nichi Institute of Technology Supanut NAMJUNTRA / Thai-Nichi Institute of Technology	<b>031, Pool Boiling Heat Transfer Characteristics of Lithium Bromide Aqueous Solution</b> Yusuke FUJIKAWA / Osaka Electro-Communication University Koji MORI / Osaka Electro-Communication University Tsutomu WAKABAYASHI / Osaka Gas Ryuichiro KAWAKAMI / Osaka Gas
11:45-12:05	<b>027, Numerical Solution of 'Timoshenko-Beam Equation' for Transverse Impact</b> Dulal GOLDAR/ Former Director, Delhi College of Engineering	<b>026, Development of Measurement Device for Shear Strength Parameters of Subsurface Layers</b> Yuki SATO / Tohoku University	<b>084, Characteristics of Ion Currents in a Constant-volume Combustor</b> Naoki MATSUMOTO / Ryukoku University

		Tomoaki SATOMI / Tohoku University Hiroshi TAKAHASHI / Tohoku University	Seiya HITOMI / Ryukoku University Yuma OKUDA / Ryukoku University Yoshiki NOGUCHI / Ryukoku University Yoichi SHIOMI / Ryukoku University Yuki TSUZUKI / University of California, Davis Ralph C. Aldredge / University of California, Davis
	Lunch		
	<b>Session A2 (Smart Materials and Composites)</b>	<b>Session B2 (Photoelasticity)</b>	<b>Session C2 (Recycling and Material Processing)</b>
13:20-13:40	<b>076, Behaviour of Concrete Reinforced with Flax Fibre</b> Prachi SOHONI / ITM UNIVERISTY Vaishali SAHU / ITM UNIVERSITY	<b>036, Photoelastic Calibration of Commercial Float Glass</b> Vivek RAMAKRISHNAN / IIT Madras Krishnamurthi RAMESH / IIT Madras	<b>028, Study on Optimum Conditions for Creating Fiber-Cement Stabilized Soil Made of Tsunami Sludge</b> Tomoaki SATOMI / Tohoku University Hiroki KURIBARA / Former Tohoku University Hiroshi TAKAHASHI / Tohoku University
13:40-14:00	<b>086, Optimization of Parameters Involved in Repair of CFRP Panel using Multi-objective Genetic Algorithm and Failure Criteria</b> Mohammad KASHFUDDOJA / IIT Hyderabad M RAMJI / IIT Hyderabad	<b>015, Photoelastic Stress Analysis of Micromolded Ultraviolet-Curable Resin during Curing</b> Eisaku UMEZAKI / Nippon Institute of Technology Akira OKANO / Nippon Institute of Technology Hiroto KOYAMA / Nippon Institute of Technology	<b>072, Unconfined Compressive Strength and Durability of a Composite Material made from Fly Ash and Lime Sludge</b> Vaishali SAHU / ITM University Amit SRIVASTAVA / ITM University V. GAYATHRI / Sri Shakthi Institute of Engineering and Technology
14:00-14:20	<b>064, Bio-medical applications of Smart Piezoelectric Materials</b> Shashank SRIVASTAVA/ IGNOU Suresh BHALLA/ IIT Delhi	<b>038, Annealing of Polycarbonate for Photoplastic Analysis</b> Bhaskara Mohan SHREESUDHA/ IIT Madras Krishnamurthi RAMESH/ IIT Madras	<b>025, Experimental Investigation of Optimum Condition of Development of Continuous Recycling Machine of High-Water Content Mud Generated From Disaster Sites</b> Chiaki KUJI / Tohoku University Tomoaki SATOMI / Tohoku University Hiroshi TAKAHASHI / Tohoku University
14:20-14:40	<b>054, Virtual Smart Structures and Dynamics Lab: Towards Teaching Advanced Concepts Online</b> Suresh BHALLA / IIT Delhi Naveet KAUR / IIT Delhi	<b>093, Dual Wavelength Interferometric Study of Induced Birefringence of Flexible Substrate Due to External Stress</b> Dalip Singh MEHTA / IIT Delhi Gyanendra SINGH / IIT Delhi	<b>063, H2 Reduction Behavior of Iron Oxide Pellets</b> Hirokazu KONISHI / Osaka University Hideki ONO / Osaka University Eiichi TAKEUCHI / Osaka University
14:40-15:00	<b>053, Piezoelectric Energy Harvesting Potential Through Built Up and Simple Configurations Under Mechanical Vibrations</b> Naveet KAUR / IIT Delhi Sreenitya SINGAMSETTY / IIT Delhi Dasari MAHESH / IIT Delhi Suresh BHALLA / IIT Delhi	<b>040, New Initiatives in Smoothing of Isoclinic Parameter in Digital Photoelasticity</b> Hariprasad M P / IIT Madras Vivek RAMAKRISHNAN / IIT Madras Krishnamurthi RAMESH / IIT Madras	<b>071, Copper and Silver Capacity of Sodium Sulfide Flux</b> Hideki ONO / Osaka University Katsuhiro YAMAGUCHI / Osaka University Eiichi TAKEUCHI / Osaka University
	Coffee break		
16:00-23:00	Excursion and Banquet (Kingdom of Dreams )		

## Day 3 (Nov. 3, Monday)

8:30-	Registration, Exhibition(10:00-15:00)		
9:20 – 11:00	<b>Session A3 (Material Characterisation and Testing)</b>	<b>Session B3 (DIC I)</b>	<b>Session C3 (Environmental Sciences)</b>
9:20-9:40	<b>080, Measurement of Strain Distribution in Steel Specimen for Tensile Test Using Digital Image Correlation Method</b> Akira KATO/ Chubu University	<b>085, Implementation of MAD and Mean Absolute Deviation based Smoothing Algorithm for Displacement Data in Digital Image Correlation Technique</b> Kenneth JOSEPH PAUL / IIT Hyderabad R HARILAL / IIT Hyderabad M RAMJI / IIT Hyderabad	<b>024, Comparison of Various Downscaling Methods for Estimation of Precipitation in Ganges Basin</b> Amit VARSHNEY / BARC Rohit MISHRA / Pricewaterhouse Coopers Rajesh SRIVASTAVA / IIT, Kanpur Saha DAUJI / BARC
9:40-10:00	<b>060, Analysis of the Effect of Thermo-mechanical Processing on Micro-hardness to Young's Modulus Ratio of a Novel Titanium Alloy for Biomedical Applications</b> Mohsin Talib Mohammed / Kufa University Zahid A. Khan / Jamia Millia Islamia (A Central University) Geetha M. / VIT University Arshad N. Siddiquee / Jamia Millia Islamia (A Central University)	<b>037, Use of DIC for Evaluating Crack-tip Displacement Field Parameters Employing Linear Least Squares Method</b> Thiyagarajan ABHINAV / IIT Madras Krishnamurthi RAMESH / IIT Madras	<b>075, Landfill Gas - A Potential Source of Green Energy</b> Vaishali SAHU / ITM University Prachi SOHONI / ITM University
10:00-10:20	<b>047, Material Characterization of Al 2014 T6 Aluminum Alloy Using Virtual Fields Method</b> Saranath K MURALEEDHARAN / IIT Hyderabad Naresh Reddy KOLANU / IIT Hyderabad Ramji MANOHARAN / IIT Hyderabad	<b>042, Applications of Digital Image Correlation Technique in Composite Research</b> Yagnik KALARIYA / IIT Hyderabad Mohammad KASHFUDDOJA / IIT Hyderabad Sourabh KHEDKAR / IIT Hyderabad J. UBAID / IIT Hyderabad M. RAMJI / IIT Hyderabad	<b>062, Development of Wave Power Generation System using a Slit Type Breakwater (Optimization of Waterwheel)</b> Tatsuro WAKIMOTO / Osaka City University Kenji KATOH / Osaka City University Takaaki SHIGEMATSU / Osaka City University Shinya YOSHIOKA / Osaka City University
10:20-10:40	<b>052, Enhancement of Physical and Mechanical Properties Of Cu-Al-Ni Shape Memory Alloys By Sn Addition</b> Sa'ed A. SHAKIR / University of Al-mustansiriya Ayiad M. TAKAK / University of Al-nahrain Esraa A. ABBOD / University of Al-mustansiriya	<b>035, High Temperature Material Characterisation Using Digital Image Correlation</b> Naresh Reddy KOLANU / IIT Hyderabad Ramji M / IIT Hyderabad	<b>102, Observed Consolidation in a Ring with Vertical and Radial Drainage</b> Vikas KUMAR / Delhi Technological University Ashutosh TRIVEDI / Delhi Technological University Naresh KUMAR / Delhi Technological University
10:40-11:00	<b>059, Effect of Stress Relaxation on the Prosthetic Socket Materials</b> SHIREEN H. CHALLOOB / Al-Mustansiriyah University KADHIM K. RESAN ALKINANI / Al-Mustansiriyah University YASIR K. IBRAHIM / Al-Mustansiriyah University	<b>033, Adaptation of Open Source 2D DIC Software Ncorr for Solid Mechanics Applications</b> Harilal R. / IIT Hyderabad Ramji M / IIT Hyderabad	<b>068, Evaluation Method of Pressure Pulsation in Hydraulic Pipe by CFD</b> Hiroshi KAWAKAMI / Chiba university Temma YONEMOTO / chiba university Kento KUMAGAI / Hitachi Construction Machinery Co.,Ltd Masanori OTA / chiba university Kazuo MAENO / Kisarazu National College of Technology
	Coffee break		
11:15-12:40	<b>POSTER SESSION</b>		
	<b>008, Irreversibility Fields with Considering Restrict of Pinning Potential by Sample Forms</b> Yusuke HISAMATSU / Miyakonojo National College of Technology Tsugio HAMADA / Miyakonojo National College of Technology Tositaka IMAMURA / Miyakonojo National College of Technology Hideki NOJI / Miyakonojo National College of Technology		

	<p><b>009, Proposal for Failure Forecast Diagnosis of Wind Turbines</b>  Tsugio HAMADA / Miyakonojo National College of Technology,  Yusuke HISAMATSU / Miyakonojo National College of Technology  Sin-ichiro MATSUSHITA / Miyakonojo National College of Technology  Yudai MIGITA / Miyakonojo National College of Technology  Hideki NOJI / Miyakonojo National College of Technology</p> <p><b>011, Toughness Degradation of Magnesium Alloy at Cryogenic Temperature</b>  Akihiro TAKAHASHI / Miyakonojo National College of Technology  Naoyuki YAMAMOTO / Miyakonojo National College of Technology  Toshinobu TOYOHRO / Miyakonojo National College of Technology</p> <p><b>012, Toughness Characteristics of Aluminum Alloy Fabricated by a Friction Thermo-Mechanical Process</b>  Akihiro TAKAHASHI / Miyakonojo National College of Technology  Naoyuki YAMAMOTO / Miyakonojo National College of Technology  Toshinobu TOYOHRO / Miyakonojo National College of Technology</p> <p><b>013, Experimental Study on Flow Characteristics of Thermo-Fluid Wood Powder by Hot Extrusion Process,</b>  Toru SAWAI / Kinki University  Noriyasu HIROKAWA / Kinki University,  Takeshi KAJIMOTO / Industrial Technology Center of Wakayama Prefecture</p> <p><b>014, Digital Image Correlation Analysis of Deformation of Orthodontic Brackets under Moment</b>  Yusuke KANAI / Nippon Institute of Technology  Eisaku UMEZAKI / Nippon Institute of Technology  Sigeyuki MATSUI / Meikai University  Daigo KOMAZAWA / Meikai University  Naoto SUDA / Meikai University</p> <p><b>018, Fracture Behavior on a Single Bamboo Fiber Reinforced Biodegradation Plastic Matrix Composite by Alkali Treatment of Fiber.</b>  Akihiro TAKAHASHI / Miyakonojo National College of Technology  Naoyuki YAMAMOTO / Miyakonojo National College of Technology  Toshinobu TOYOHRO / Miyakonojo National College of Technology</p> <p><b>049, Measurement of Fuel Flow Behavior of Propane Diffusion Flame by Non-Dimensional Numbers under Magnetic Field Application</b>  Anand Prakash Singh / Uttar Pradesh Technical University</p> <p><b>051, Acceleration Measurement of the Seismic Vibration Testing with MEMS Accelerometer</b>  Yasushi NIITSU / Tokyo Denki University  Tadashi MIKOSHIBA / NIED, Tsukuba Laboratory  Chikahiro MINOWA / Tomoe R&amp;D</p> <p><b>070, Evaluation of Ease in Carrying Object using Acceleration Sensor.</b>  Noriyasu HIROKAWA / Kinki University  Takahiro IWANE / Kinki University  Yoshiki TANAKA / Kinki University  Tadashi SHIBUE / Kinki University  Takashi HAYAMI / Kinki University  Toru SAWAI / Kinki University  Mitsushi OHMASA / Kinki University</p> <p><b>074, Development of 100% Appearance Inspection Sensor and Applying to Measurement of Microscopic Bumps of Semiconductor Component</b>  Tadashi MISAKA / Yasunaga Corporation  Ryosuke MURAKAMI / Yasunaga Corporation  Tetsuya HIKITA / Yasunaga Corporation  Motoharu FUJIGAKI / Wakayama University</p> <p><b>077, Bio-coke Standard of Strength Structure Design for Combustion</b>  Tamio IDA / Kinki University</p> <p><b>083, Dynamic shear strength characterization of adhesively bonded single lap joints under tensile loading</b>  Rahul Kadbe / Indian Institute of Technology Delhi  Vikrant Tiwari / Indian Institute of Technology Delhi</p>
	Lunch
14:00-18:30	Mini tour (Visit to IIT Delhi)

## Day 4 (Nov. 4, Tuesday)

8:30-10:00	Registration		
9:00-10:20	<b>Session A4 (Biomedical Engineering)</b>	<b>Session B4 (Optical Methods I)</b>	<b>Session C4 (Experimental Fluid Mechanics)</b>
9:00-9:20	<b>022, The Study of Measurement in Human's Interest by interlocking head motion</b> Ayumi KURIHARA / Kyusyu Institute of Technology Katsuya HASEGAWA / Japan Aerospace Exploration Agency	<b>045, Calibration of Glass with Low Photoelastic Constant using Phase Shifting Technique</b> Tarkes DORA P / IIT Madras Krishnamurthi RAMESH / IIT Madras	<b>073, Simultaneous Two-dimensional Temperature and Velocity Measurements in Gas Jet using Phosphor Particle Images</b> Naoki SHINO / Keio University Takeshi YOKOMORI / Keio University Taro HIRASAWA / Chubu University
9:20-9:40	<b>002, Use of Sensors for Biomechanical Analysis of Walking Motion Aided by Wheeled Walking Frames</b> Satoru OKAMOTO / Shimane University	<b>091, Evaluation of Accuracy for 3D Displacement Measurement Using Sampling Moire Method with Multiple Cameras</b> Daiki TOMITA / Wakayama University Motoharu FUJIGAKI / Wakayama University Yorinobu MURATA / Wakayama University	<b>016, Using Couette Flow for Hot-Wire Calibration</b> V. LEBIGA / Siberian Branch Russian Academy of Sciences / Novosibirsk State Technical University Roman MELNICHUK / Siberian Branch Russian Academy of Sciences Aleksey PAK / Siberian Branch Russian Academy of Sciences
9:40-10:00	<b>003, The Jump of Water Springtail and Morphology of the Jumping Organ</b> Seiichi SUDO / Akita Prefecutal University Toshiya KAINUM / Akita Prefecutal University Tetsuya YANO / Akita Prefecutal University Atsushi SHIRAI / Tohoku University Toshiyuki HAYASE / Tohoku University	<b>061, Plantar Stress Monitoring Using Fiber Bragg Gratings</b> Rupali SURESH / IIT Delhi Suresh BHALLA / IIT Delhi	<b>046, 3D PIV Experiment on the Synthetic Tornado Flow for Water Environment Purification</b> Akira HIRATSUKA / Osaka Sangyo University Kazuo OHMI / Osaka Sangyo University Sudat TULADHAR / Grad. School of Osaka Sangyo University
10:00-10:20	<b>017, Optimal Location of Japanese Keypad for Flick Input on Smartphone</b> Noriyasu HIROKAWA / Kinki University Hiroya IWAMOTO / Kinki University Masataka NAKAYAMA / Kinki University Tadashi SHIBUE / Kinki University Takashi HAYAMI / Kinki University Toru SAWAI / Kinki University Mitsushi OHMASA / Kinki University	<b>092, Micro Objects Handling with Plasmonic Antenna Structures</b> Jun-ichi KATO / RIKEN Eishi SUGAWARA / Tokyo Denki University Miyu OZAKI / Tokyo Denki University Ryoshu FURUTANI / Tokyo Denki University Yutaka YAMAGATA / RIKEN	
	Coffee break		
10:45-12:05	<b>Session A5 (Structural Health Monitoring I)</b>	<b>Session B5 (Biomechanics)</b>	<b>Session C5 (Fracture and Failure)</b>
10:45-11:05	<b>108, Reinforcement Corrosion in Concrete Structures and Service Life Predictions -A Review</b> Sushil DHAWAN / IIT Delhi Suresh BHALLA / IIT Delhi B. BHATTACHARJEE / IIT Delhi	<b>078, Study on the Deformation Behaviour of Skin Simulant during Penetration of Blunt Object</b> Jonas A. PRAMUDITA / Niigata University Tatsuuro YAMADA / Niigata University Yusuke SHIMIZU / Niigata University Yuji TANABE / Niigata University Masato ITO / Panasonic Corporation Ryoji WATANABE / Panasonic Corporation	<b>039, Photoelastic study on the Effect of Residual Stresses on Crack Tip Stress Field in Ductile Fracture</b> Subramanyam REDDY M / IIT Madras Shreesudha B / IIT Madras Krishnamurthi RAMESH / IIT Madras



11:05-11:25	<b>095, Application of Non-destructive Evaluation Techniques for Assessment of Present Condition of Concrete Bridges</b> Rajeev GOEL / CSIR-Central Road Research Institute SK SHARMA / CSIR-Central Road Research Institute GK SAHU / CSIR-Central Road Research Institute Rajeev Kumar GARG / CSIR-Central Road Research Institute P LAKSHMY / CSIR-Central Road Research Institute	<b>069, Biomechanical Study on Internal Fixation Devices for Distal Humerus Fracture - 2nd Report: Cadaveric Study</b> Yuji TANABE / Niigata University Jonas Aditya PRAMUDITHA / Niigata University Ryohei FUJITA / Niigata University	<b>007, Fracture of Aluminum-alloy Plate with a Surface Flaw under Monotonic and Cyclic Bending</b> Misao ITOH / Kisarazu National College of Technology Yougo MITSUI / Suzuki Motor Corporation
11:25-11:45	<b>050, Real Time Displacement Measurement of Bridge with Image Correlation Method</b> Yasushi NIITSU / Tokyo Denki University Takaaki IIZUKA / Tokyo Denki University	<b>101, Evolution of Suitable Photoelastic Model in Implant Dentistry</b> Hariprasad M P / IIT Madras Bhuvaneswari S / Vinayaka Mission's Sankaracharya Dental College Krishnamurthi RAMESH / IIT Madras Paul SIMON / Vinayaka Mission's Sankaracharya Dental College Jayashree MOHAN / Vinayaka Mission's Sankaracharya Dental College	<b>100, Dynamic Fracture of Layered plate having property mismatch across the Crack front</b> Servesh Kumar Agnihotri / IIT Kanpur Umesh H. Bankar / IIT Kanpur Venkitanarayanan Parameswaran / IIT Kanpur
11:45-12:05	<b>032, Performance Assurance of Construction Products Using In-Situ Experimental Techniques</b> Tanmay KUMAR / CH2M Hill Manish BHARTI / Cortex Construction Solution	<b>087, Estimation of Biomechanical Properties of Cells Using Atomic Force Microscopy</b> Vishwanath MANAGULI / IIT Delhi Sitikantha ROY / IIT Delhi	<b>105, Development of Visualizing System for Projected Small Pitch of Fringe Pattern Obtained by Talbot Effect</b> Takumi HAYASHI / Wakayama University Motoharu FUJIGAKI / Wakayama University Yorinobu MURATA / Wakayama University
<b>LUNCH</b>			
	<b>Session A6(Structural Health Monitoring II)</b>	<b>Session B6 (Optical Methods II)</b>	<b>Session C6 (Experimental Fluid Mechanics)</b>
13:10-13:30	<b>055, Recent Developments in Metal Wire Based Electro-Mechanical Impedance Technique for Structural Health Monitoring</b> Susmita NASKAR / IIT Delhi Suresh BHALLA / IIT Delhi	<b>043, Circular Grating Talbot Interferometer for the Measurement of the Effect of Magnetic Field on Temperature and Temperature Profile of Diffusion Flame</b> Shilpi AGARWAL / IIT Delhi Manoj KUMAR / IIT Delhi Chandra SHAKHER / IIT Delhi	<b>004, Study on Micro-bubble Generation by Modified Pressurized Dissolution Method in a Converging-Diverging Nozzle</b> Khine Tun NAUNG / University of Tsukuba Kentaro NAKAMURA / University of Tsukuba Rei MIKOSHIBA / University of Tsukuba Hideaki MONJI / University of Tsukuba
13:30-13:50	<b>096, Performance Monitoring of Bridges through Instrumentation</b> G K Sahu / CSIR-Central Road Research Institute Rajeev Kumar Garg / CSIR-Central Road Research Institute Rajeev Goel / CSIR-Central Road Research Institute J K Goyal / CSIR-Central Road Research Institute Jangpangi L / CSIR-Central Road Research Institute Lakshmy P / CSIR-Central Road Research Institute	<b>044, Measurement of Material Constants (Young's Modulus and Poisson Ratio) of Composite Material using Digital Speckle Pattern Interferometry (DSPI)</b> Manoj KUMAR / IIT Delhi Kumresh Kumar GAUR / IIT Delhi Chandra SHAKHER / IIT Delhi	<b>019, Experiment of Non-equilibrium Condensation on the Cold Wall in Alternative Freon Vapor Flow behind Shock Waves</b> Haidong ZHU / CHIBA University Masanori OTA / CHIBA University Kazuo MAENO / KISARAZU National College of Technology
13:50-	<b>107, Stabilization and Foundation for Expansive Soil</b>	<b>048, Prototype of Handheld Displacement and Strain</b>	<b>021, Study of Liquid Film Flow and Wave Structures on</b>

14:10	Burdak Mahipal / Jai Narain Vyas University Kumar Vikas / Delhi Technological University Agrawal Anil / Jai Narain Vyas University	<b>Measurement System with Multiple Imaging Sensors</b> Motoharu FUJIGAKI / Wakayama University Hiroki MINAMINO / Wakayama University Noboru IKOMA / JR WEST JAPAN CONSULTANTS COMPANY Hiroki TAMAI / JR WEST JAPAN CONSULTANTS COMPANY Yorinobu MURATA / Wakayama University	<b>Inclined Wall using Photochromic Dye Marking Method</b> Nurrina ROSLI / Gunma University Kenji AMAGAI / Gunma University
14:10-14:30		<b>001, Quasi Real-time Hologram Recording Technique in Phase-shifting Digital Holography</b> Kazuo OHMI / Osaka Sangyo University Sudat TULADHAR / Osaka Sangyo University	<b>005, Suppression of Intensive Shock-wave Self-oscillations by Gas Discharge Plasma</b> Vasily FOMIN / Khristianovich Institute of Theoretical and Applied Mechanics Konstantin LOMANOVICH / Khristianovich Institute of Theoretical and Applied Mechanics Boris POSTNIKOV / Khristianovich Institute of Theoretical and Applied Mechanics
15:00-19:00	Mini tour (Visit to Qutub-minar/ Lotus Temple)		

<b>Day 5 (Nov. 5, Wednesday)</b>	
8:30-	Technical Conference Tour (First day)
<b>Day 6 (Nov. 6, Thursday)</b>	
-18:30	Technical Conference Tour (Second day)
18:30	Closing address