Day 1: Wednesday, December 11, 2019

Time		Program	Venue
7:30 – 8:45		**Breakfast**	**Pine Mess**
8:00 Onwards		**Registration**	**Audi Complex**
9:00 – 9:45		**Inauguration**	**Auditorium**
9:45 – 10:15		**High Tea**	**Audi Complex**
Plenary Session	10:15 – 11:00	**Prof. Perumal Nithiarasu** Professor and Head of the Zienkiewicz Centre, College of Engineering, Swansea University, UK. Topic: *Digital Avatar - An Early Warning System for Cardiovascular Diseases Through Computational Mechanics and Machine Learning*	**Auditorium**
	11:00 – 11:45	**Prof. Gopalakrishnan Srinivasan** Professor, Department of Aerospace Engineering, Indian Institute of Science, Bangalore, India. *Topic: Propagation of Elastic Waves in Non-Local Bars and Beams*	
	11:45 – 12:30	**Prof. Tomonori Yamada** Associate Professor, Department of Systems Innovation, University of Tokyo, Japan. *Topic: A Fluid-Structure Interaction Analysis System with Partitioned Coupling Approach*	
Keynote Session	12:30 – 13:00	**Prof. D Nagesh Kumar** Professor, Department of Civil Engineering, Indian Institute of Science, Bangalore, India. *Topic: Remote Sensing, GIS & DEM for Assessing Water Resources of a River Basin*	**Hall C, Audi Complex**
		Prof. Deepankar Choudhury Institute Chair Professor, Department of Civil Engineering, Indian Institute of Technology Bombay, India. Topic: *Application of Computational Geomechanics for Seismic Design of Foundation Systems- Theory and Practice*	**Auditorium**
		Prof. Debiprosad Roy Mahapatra Associate Professor, Department of Aerospace Engineering, Indian Institute of Science, Bangalore, India. Topic: *Modelling and Simulation of Advanced Composite Manufacturing Processes and Performances*	**Hall B, Audi Complex**
		Prof. Sumit Basu Professor, Department of Mechanical Engineering Indian Institute of Technology Kanpur, India. Topic: *The Intricately Multi-Scale Nature of Failure in Glassy, Amorphous Polymers*	**Hall A, Audi Complex**
13:0 – 14:00		**Lunch**	**Pine Mess**
Plenary Session	14:00 – 14:45	**Prof. Gautam Biswas** Professor and JC Bose National Fellow, Department of Mechanical Engineering Indian Institute of Technology Kanpur, India. Topic: *Entrapment of Large Bubbles During Impact of Liquid Drops on Liquid Pool*	**Auditorium**
	14:45 – 15:30	**Prof. Sanjay Mittal** Professor, Department of Aerospace Engineering Indian Institute of Technology Kanpur, India. Topic: *Wings in Low Reynolds Number Flows: How Different are They from Flows at Large Re?*	
15:30 – 18:30		**Parallel Technical Sessions**	**Please refer to "Schedule of Parallel Technical Sessions"**
Tea will be available between 17:15 – 17:30 at Audi Complex			
19:30 – 21:00		**Dinner**	**Pine Mess**

Day 2: Thursday, December 12, 2019

Time		Program	Venue
7:30 – 9:00		**Breakfast**	**Pine Mess**
8:30 Onwards		**Registration**	**Audi Complex**
Plenary Session	9:00 – 9:45	**Prof. Gui Rong Liu** Professor, Department of Aerospace Engineering and Engineering Mechanics, University of Cincinnati, USA. Topic: *Computational Methods: Indispensable Tools for Engineering Analysis and Design*	**Auditorium**
	9:45 – 10:30	**Prof. Debasish Roy** Professor, Department of Civil Engineering, Indian Institute of Science, Bangalore, India. Topic: *A Geometrically Inspired Model for Kirchhoff Shells with Cartan's Moving Frames*	
	10:30 – 11:15	**Prof. Nelson Lam** Professor, Department of Infrastructure Engineering, University of Melbourne, Australia Topic: *Earthquake Engineering in Areas Away from Tectonic Boundaries*	
Keynote Session	11:15 – 11:45	**Prof. T I Eldho** Institute Chair Professor, Department of Civil Engineering, Indian Institute of Technology Bombay, India. Topic: *Simulation of Flow and Transport Process - Scope of Meshless Methods*	**Auditorium**
		Prof. Vasant Matsagar Dogra Chair Professor, Department of Civil Engineering, Indian Institute of Technology Delhi, India Topic: *Design with Engineered Composites for Explosive Containment Structure*	**Hall A, Audi Complex**
		Prof. S Pradyumna Associate Professor, Department of Applied Mechanics, Indian Institute of Technology Delhi, India. Topic: *Thermal Shock analysis of Functionally Graded Materials Structures*	**Hall B, Audi Complex**
11:45 – 13:00		**Parallel Technical Sessions**	**Please refer to "Schedule of Parallel Technical Sessions"**
13:0 – 14:00		**Lunch**	**Pine Mess**
Plenary Session	14:00 – 14:45	**Prof. Santosh Kapuria** Professor, Department of Applied Mechanics, Indian Institute of Technology Delhi, India. Director, CSIR-Structural Engineering Research Centre, Chennai, India. Topic: *An Efficient Facet Shell Element with Layerwise Mechanics for Smart Piezolaminated Shells featuring Delaminations*	**Auditorium**
	14:45 – 15:30	**Prof. Gangadhara Prusty** Professor, School of Mechanical & Manufacturing Engineering, University of New South Wales, Australia. Topic: *Towards The Development of Flexible Shape-Adaptive Blades Using High Performance Composite Materials*	
	15:30 – 16:15	**Prof. Narasimhan Ramarathinam** Professor & JC Bose National Fellow, Department of Mechanical Engineering, Indian Institute of Science, Bangalore, India Topic: *Fracture Behavior and Ductility Enhancement in Metallic Glasses: Perspectives from Finite Element Simulations*	
16:15 – 18:30		**Parallel Technical Sessions**	**Please refer to "Schedule of Parallel Technical Sessions"**
10:30 – 16:30		**ISSMGE TC-105 Mini-Symposium: "Geo-Mechanics from Micro to Macro"**	**Hall-C, Audi Complex**
Tea will be available between 17:15 – 17:30 at Audi Complex			
19:30 – 21:00		**Dinner**	**Pine Mess**

Day 3: Friday, December 13, 2019

Time		Program	Venue
7:30 – 8:45		**Breakfast**	**Pine Mess**
9:00 – 12:00		**Registration**	**Audi Complex**
Plenary Session	**9:00 – 9:45**	**Prof. Tarun Kant** Emeritus Professor, Department of Civil Engineering, Indian Institute of Technology Bombay, Mumbai, India. *Topic: Evolution of Macro-Mechanics of Laminated Composites*	**Auditorium**
	9:45 – 10:30	**Prof. Venkatesh Kodur** University Distinguished Professor and Director, SAFE-D Centre, Department of Civil and Environmental Engineering, Michigan State University, USA. *Topic: Need for Computational Models for Simulating the Response of Concrete Structures Exposed to Fire*	
	10:30 – 11:15	**Prof. K. Muralidhar** Professor, Department of Mechanical Engineering Indian Institute of Technology Kanpur, Kanpur, India. *Topic: Dropwise Condensation of Vapor on Textured Surfaces*	
	11:15 – 12:00	**Prof. David Lange** Senior Lecturer, School of Civil Engineering, Faculty of Engineering, Architecture and Information Technology, The University of Queensland, Australia *Topic: Response of Novel High Rise Building Structures to Fire*	
Keynote Session	**12:00 – 12:30**	**Prof. B S Murty** Professor, Department of Civil Engineering, Indian Institute of Technology Madras, India. *Topic: Hydraulic Modeling of Ephemeral Channels for Water Resources Management in Arid and Semi-Arid Regions*	**Auditorium**
		Prof. Cristian Maluk Zedan Senior Lecturer, School of Civil Engineering, The University of Queensland, Australia. *Topic: Fire-Induced Concrete Spalling*	**Hall A, Audi Complex**
12:30 – 13:30		**Lunch**	**Pine Mess**
13:30 – 15:30		**Parallel Technical Sessions**	**Please refer to "Schedule of Parallel Technical Sessions""**
15:30 – 16:00		**High Tea**	**Audi Foyer**
16:00 – 17:00		**Closing**	**Auditorium**

Schedule of Parallel Technical Sessions

Day 1: Wednesday, December 11, 2019

RP 1.1 (15:30 – 17:15)

Parallel Session 1: Biomechanics — Venue: Hall C, Audi Complex

RP 1.1 (15:30 – 17:15)

ICCMS19SD014941 A STUDY OF BONE REMODELLING AROUND CEMENTED ACETABULAR CUP DUE TO UN-UNIFORM CEMENT THICKNESS
DEVISMITA SANJAY, SUBRATA MONDAL, RAJESH GHOSH

ICCMS19SD014962 EFFECT OF INTERFACIAL CRACK ON THE PREDICTION OF BONE-CEMENT INTERFACE FAILURE OF CEMENTED ACETABULAR COMPONENT
AJAY KUMAR, RAJESH GHOSH, RAJEEV KUMAR

ICCMS19SD014965 STUDYING THE EFFECT OF HYDRATION ON CRYSTALLINE REGION OF BOMBYX MORI SILK FIBROIN USING MOLECULAR DYNAMICS SIMULATIONS
MRINAL PATEL, DEVENDRA KUMAR DUBEY, SATINDER PAUL SINGH

ICCMS19SD014966 INVESTIGATING THE MECHANICAL DEFORMATION BEHAVIOR OF COLLAGEN TYPE II MOLECULE USING STEERED MOLECULAR DYNAMICS SIMULATIONS
SHAMBO BHATTACHARYA, DEVENDRA K DUBEY

ICCMS19SD014988 EFFECT OF BODY FORCES ON ARTICULATING SURFACE OF A KNEE JOINT BY INCORPORATING THE HETEROGENEOUS BEHAVIOR BY USING FINITE ELEMENT ANALYSIS
VAISHAKH R, POORNESH KUMAR KOORATA

ICCMS19SD015021 BIOMECHANICS OF COCONUT TREE ROOT REINFORCEMENT IN SOILS FOR TRADITIONAL GOAN SARASWAT BUNDS
LEONARDO SOUZA, PURNANAND SAVOIKAR

ICCMS19SD015027 EFFECT OF OCCLUSION PERCENTAGE AND LESION LENGTH ON STENOSED CORONARY ARTERY: A NUMERICAL STUDY
SUPRATIM SAHA, T. PURUSHOTHAM, ARUL PRAKASH

Parallel Session 2: Computational Fluid Dynamics and Transport Phenomena — Venue: Auditorium

RP 1.1 (15:30 – 17:15)

ICCMS19SD022501 PROBING INTO THE EFFICACY OF DISCRETE FORCING IMMERSED BOUNDARY METHOD IN CAPTURING THE APERIODIC TRANSITION IN THE WAKE OF A FLAPPING AIRFOIL
DIPANJAN MAJUMDAR, CHANDAN BOSE, SUNETRA SARKAR

ICCMS19SD024810 NUMERICAL INVESTIGATION OF SWITCHING OF A JET GENERATED BY A FOIL PITCHING IN STILL FLUID
CHAYANIT NIGALTIA, SACHIN Y SHINDE

ICCMS19SD024813 PARAMETRIC STUDY OF LITHIUM-ION BATTERY MODULE FOR ELECTRIC VEHICLE APPLICATION
R UMESH, BASANT SINGH SIKARWAR, AYUSH GOYAL, SACHIN SINGH GAUTAM

ICCMS19SD024856 TRANSIENT ANALYSIS OF A WATER DISTRIBUTION SYSTEM USING SAP2
NAJLA P K, SANTOSH G THAMPI

ICCMS19SD024917 STUDYING THE CHANNEL CONFLUENCE HYDRAULICS USING EDDY VISCOSITY MODELS AND REYNOLDS STRESS MODEL
ABHISHEK K PANDEY, PRANAB K MOHAPATRA, VIKRANT JAIN

ICCMS19SD024928 A CFD BASED SIMULATION MODEL FOR DESIGN OF FIXED NOZZLE
A BARMAN, P P SAHOO, R SHARMA

Parallel Session 3: Computational Structural Dynamics — Venue: Hall A, Audi Complex

RP 1.1 (15:30 – 17:15)

ICCMS19SD042498 INVESTIGATION OF SOME RECENTLY PROPOSED EXPLICIT TIME INTEGRATION SCHEMES FOR NONLINEAR PROBLEMS
ABHIJEET SINGH, RISHIRAJ KUMAR THAKUR, VISHAL AGRAWAL, SACHIN SINGH GAUTAM

ICCMS19SD114931 NONLINEAR ACTIVE ABSORBER FOR SUPPRESSING VIBRATION OF FOREARM DUE TO TREMOR
S. MOHANTY, S.K. DWIVEDY

ICCMS19SD042507 AN EFFICIENT IMPLEMENTATION OF LANCZOS METHOD FOR DYNAMIC ANALYSIS OF LAUNCH VEHICLE STRUCTURES
P DEEPAK, PV ANIL KUMAR, R NEETHA

ICCMS19SD042509 DEVELOPMENT OF PERFORMANCE-BASED DESIGN GUIDELINES FOR REINFORCED CONCRETE COLUMNS SUBJECT TO BLAST LOADS
VISHAL KOCHAR, ANJANI KK, MANISH KUMAR

ICCMS19SD042518 LIMITATIONS OF SIMPLIFIED ANALYSIS PROCEDURES USED FOR CALCULATION OF BLAST RESPONSE
ANJANI KK, MANISH KUMAR

ICCMS19SD044767 RESPONSE OF STEEL FRAME STRUCTURE UNDER LATERAL LOADING
BHARATH K, DEBARATI DATTA

ICCMS19SD105126 NUMERICAL TECHNIQUE FOR PRESTRESSING POST-TENSIONING MEMBERS SUBJECTED TO MISSILE IMPACT LOAD
JASWANTH GANGOLU, SUMAN KUMAR, AJAY KUMAR, HRISHIKESH SHARMA

ICCMS19SD105139 NUMERICAL DAMAGE MODELING OF RC SLABS UNDER BLAST LOADING USING K&C CONCRETE MODEL
AKSHAYA GOMATHI K, A RAJAGOPAL

ICCMS19SD044826 RESPONSE OF TALL STRUCTURE FOR WIND INDUCED GUST AND COMPARISON OF THE RESPONSES USING RECENT CODE AND PROBABILISTIC ANALYSIS USING WIND SPECTRUM
AUROBINDO GHOSH

Parallel Session 4: Constitutive Modelling of Materials, Composites and Multifunctional Materials — Venue: 1D, A10 Building

RP 1.1 (15:30 – 17:15)

ICCMS19SD054752 NUMERICAL CHARACTERIZATION OF AUXETIC COMPOSITE EXHIBITING MULTISCALE HETEROGENEITY
ROHIT RAJU MADKE, RAJIB CHOWDHURY

ICCMS19SD054755 BUCKLING ANALYSIS OF LAMINATED COMPOSITE PLATES CONSIDERING NONLOCAL AND SURFACE STRESS EFFECTS
SHIVA REDDY KONDAKINDI, AMIRTHAM RAJAGOPAL

ICCMS19SD054806 FINITE DEFORMATION OF A DIELECTRIC CYLINDRICAL ACTUATOR: A CONTINUUM MECHANICS APPROACH
DEEPAK KUMAR, SUBRAT KUMAR BEHERA, SOMNATH SARANGI

ICCMS19SD055136 HYGROTHERMAL EFFECTS ON LAMINATED COMPOSITE AND ANISOTROPIC FUNCTIONALLY GRADED PLATES
SANDEEP M SHIYEKAR, JAYANT KURKUTE, PRANOTI HUNUNGARE

Schedule of Parallel Technical Sessions

	ICCMS19SD054907 THERMO-MECHANICAL ANALYSIS OF SHAPE MEMORY POLYMER COMPOSITES LALIT BHOLA, P M MUJUMDAR, P J GURUPRASAD
	ICCMS19SD054908 FINITE ELEMENT MODELING OF THERMOMECHANICAL CYCLE OF SHAPE MEMORY POLYMERS AVINASH KUMAR SAURAV, P M MUJUMDAR, P J GURUPRASAD
	ICCMS19SD054964 STUDY OF SOIL BEHAVIOUR UNDER BLAST USING DIFFERENT CONSTITUTIVE SOIL RANJAN KUMAR, KAPILESH BHARGAVA, DEEPANKAR CHOUDHURY
	ICCMS19SD095135 POLYGONAL FINITE ELEMENT METHOD FOR ANALYSIS OF PLATES AND LAMINATES USING NON-LOCALITY AUROJYOTI PRUSTY
Parallel Session 5: Fracture and Failure Mechanics	**Venue: 1C, A10 Building**
RP 1.1 (15:30 – 17:15)	***Invited Lecture (IL-1)*** *TOWARDS NONLOCAL APPROACHES TO MODELING DAMAGE IN QUASI BRITTLE MATERIALS* **A. RAJAGOPAL** *AND P. RAGHU*
	ICCMS19SD062347 A DISCUSSION ON LOCKING AND NONLOCKING GRADIENT-ENHANCEMENT FORMULATIONS FOR CONCRETE BEHAVIOR *AJMAL HASAN MONNAMITHEEN ABDUL GAFOOR, DIETER DINKLER*
	ICCMS19SD064786 SIMULATION OF THERMAL SHOCK IN CRACKED CRUCIFORM SPECIMENS AND NUMERICAL ESTIMATION OF FRACTURE PARAMETERS THAMARAISELVI KUMARESAN, VISHNUVARDHAN S
	ICCMS19SD064852 CALCULATION OF NSIFS AND SHAPE FACTORS OF FOUR-POINT BEND SPECIMENS CONTAINING SHARP V-NOTCHES MIRZAUL KARIM HUSSAIN, K S R K MURTHY
	ICCMS19SD064853 INVESTIGATION OF FRACTURE BEHAVIOUR OF THE CEMENTITIOUS SYSTEM USING MICROSTRUCTURE GUIDED PERIDYNAMIC MODELLING AMARDEEP, SUDIB K MISHRA
	ICCMS19SD064914 FRACTURE AND FAILURE MECHANICS FOR ASSESMENT OF CONCRETE EXPOSED TO HIGH TEMPERATURE GURUPRASAD Y K
	ICCMS19SD065070 NUMERICAL STUDY OF COUPLED ELASTO-PLASTIC HYDROGEN DIFFUSION AT CRACK TIP USING XFEM ANJALI JHA, I V SINGH, B K MISHRA, RITU SINGH, R N SINGH
	ICCMS19SD065072 COMPLETE CREEP LIFE PREDICTION USING CONTINUUM DAMAGE MECHANICS AND XFEM VIBHUTI BHUSHAN PANDEY, INDRA VIR SINGH, BHANU KUMAR MISHRA
	ICCMS19SD065086 NUMERICAL STUDIES FOR GENERALIZED MODIFIED PS MODELS IN PIEZOELECTRIC MEDIA KULDEEP SHARMA, SANDEEP SINGH
Parallel Session 6: Structural Mechanics, Materials and Engineering	**Venue: Hall B, Audi Complex**
RP 1.1 (15:30 – 17:15)	**ICCMS19SD122503** NONLINEAR ANALYSIS OF STEEL BEAMS WITH WEB OPENINGS R A BHAT, L.M.GUPTA
	ICCMS19SD124850 PROPAGATION OF LOVE-TYPE WAVE IN A FIBER-REINFORCED STRATUM IMPERFECTLY BONDED TO A TRANSVERSELY ISOTROPIC VISCOELASTIC (TIV) SUBSTRATE DHARMENDRA KUMAR, SANTIMOY KUNDU
	ICCMS19SD124862 REMARKS ON THE DYNAMIC RESPONSE OF IRREGULAR ORTHOTROPIC STRUCTURES SUBJECTED TO A MOVING LINE LOAD MUKESH KUMAR PAL, ABHISHEK KUMAR SINGH
	ICCMS19SD124789 SINGLE VARIABLE NEW FIRST-ORDER SHEAR DEFORMATION PLATE THEORY: NUMERICAL SOLUTIONS OF LEVY-TYPE PLATES USING FOURTH-ORDER RUNGE-KUTTA TECHNIQUE HIMANSHU SAWHNEY, KEDAR S PAKHARE, RAMESHCHANDRA P SHIMPI, P J GURUPRASAD, YOGESH M DESAI
	ICCMS19SD124791 ON FLEXURE OF SHEAR DEFORMABLE ISOTROPIC RECTANGULAR PROPPED CANTILEVER BEAMS KEDAR S PAKHARE, P J GURUPRASAD, RAMESHCHANDRA P SHIMPI
	ICCMS19SD124802 CRYOGENIC CONDITIONS ON TI-6AL-4V PLATE UNDER SHARP NOSE HARD STEEL PROJECTILES SENTHIL KASILINGAM, S RUPALI
	ICCMS19SD124804 FAILURE MECHANISMS ALONG WITH CONSTITUTIVE BEHAVIOUR AND DAMAGE IN CONCRETE BRICKS AND INFILLED FRAMES AJAY PRATAP, ANKUSH THAKUR, S RUPALI, SENTHIL KASILINGAM
	ICCMS19SD124807 ON FLEXURE OF SHEAR DEFORMABLE ISOTROPIC RECTANGULAR NANOBEAMS KEDAR S PAKHARE, P J GURUPRASAD, RAMESHCHANDRA P SHIMPI
RP 1.2 (17:30 – 18:30)	
Parallel Session 1: Biomechanics	**Venue: Venue: Hall C, Audi Complex**
RP 1.2 (17:30 – 18:30)	**ICCMS19SD015044** NUMERICAL INVESTIGATION OF EFFECT OF LASER ON NATURAL CONVECTION IN TWO-DIMENSIONAL GEOMETRY G CHANAKYA, PRADEEP KUMAR
	ICCMS19SD015059 MODEL BASED SIMULATION OF SURFACE ELECTROMYOGRAPHY SIGNALS AND ITS ANALYSIS UNDER FATIGUING CONDITIONS USING TUNABLE WAVELETS LAKSHMI M HARI, S EDWARD JERO, G VENUGOPAL, S RAMAKRISHNAN
	ICCMS19SD015064 FRACTAL ORDER PORO-ELASTIC MODEL FOR MODELLING BIPHASIC TISSUE AND TISSUE LIKE MATERIALS SHIB SUNDAR BANERJEE, AROCKIARAJAN ARUNACHALAKASI, RAMAKRISHNAN SWAMINATHAN
	ICCMS19SD015084 QUANTIFICATION OF BRAIN RETRACTION USING VISCO-HYPERELASTIC FRAMEWORK FOR IMAGE-GUIDED NEUROSURGICAL APPLICATIONS ABHILASH AWASTHI, SURYANARAYANAN BHASKAR, UMESH CHANDRA GAUTAM, SITIKANTHA ROY

Schedule of Parallel Technical Sessions

Parallel Session 2: Computational Fluid Dynamics and Transport Phenomena		**Venue: Auditorium**
RP 1.2 (17:30 – 18:30)	**ICCMS19SD024932** NUMERICAL ANALYSIS ON REDUCTION OF DRAG FORCE ON THE HIGH-SPEED TRAIN THROUGH A TUNNEL USING K-E TURBULENCE MODELLING VAIBHAV RASTOGI, NITYANANDA NANDI	
	ICCMS19SD024933 EFFECT OF GUIDE VANE ON FLOW SEPARATION FOR SINGLE PHASE FLOW THROUGH PIPE BEND BY k-ω TURBULENCE MODEL SUMIT KUMAR SAHA, NITYANANDA NANDI	
	ICCMS19SD024934 ON SOME ASPECTS OF VISCOUS INSTABILITY PHENOMENON BETWEEN TWO PARALLEL PLATES RAHUL DEV PANDEY, NITYANANDA NANDI	
	ICCMS19SD024996 INTERIOR ACOUSTIC ANALYSIS OF RECTANGULAR SHAPED RIGID CAVITY WITH OPENING SUBHANKAR PRAMANIK, SREYASHI DAS, ARUP GUHA NIYOGI	
Parallel Session 3: Computational Structural Dynamics		**Venue: Hall A, Audi Complex**
P 1.2 (17:30 – 18:30)	**ICCMS19SD044827** FREE VIBRATION ANALYSIS OF BFGM ROTATING MICRO-DISK USING MODIFIED COUPLE STRESS THEORY SUMAN PAL, DEBABRATA DAS	
	ICCMS19SD044839 TRANSIENT STRESS ANALYSIS OF SKEW SANDWICH SHELL PANELS WITH FGM CORE SUBJECTED TO THERMAL SHOCK SHASHANK PANDEY, S PRADYUMNA	
	ICCMS19SD044886 A COMBINATION METHOD FOR RESPONSE OF IRREGULAR BUILDINGS UNDER SIMULTANEOUS ACTION OF TWO HORIZONTAL COMPONENTS OF EARTHQUAKE MOTION P B KOTE, S N MADHEKAR, I D GUPTA	
	ICCMS19SD044889 EFFECT OF CONCENTRIC AND ECCENTRIC LOADING ON FLOOR RESPONSE SPECTRA MEENAKSHI V LANDGE, RAMAKANT K INGLE	
	ICCMS19SD045071 APPLICATION OF CONDITIONAL MEAN SPECTRUM IN SELECTION AND SCALING OF GROUND MOTION RECORDS AVIRUP SARKAR, ASHUTOSH BAGCHI	
Parallel Session 4: Interfaces, Contacts and Interactions		**Venue: Venue: 1D, A10 Building**
P 1.2 (17:30 – 18:30)	**ICCMS19SD074877** NUMERICAL ANALYSIS OF GECKO SPATULA PEELING USING ADHESIVE FRICTION MODEL SAIPRANEETH GOURAVARAJU, VISHAL AGRAWAL, ROGER A SAUER, SACHIN S GAUTAM	
	ICCMS19SD075075 EFFECT OF ANCHORAGE LENGTH ON GFRP STRENGTHENED RC-T BEAM SAUBHAGYA KUMAR PANIGRAHI, SONALI SUCHARITA ROUT	
	ICCMS19SD075143 SEQUENCE OF HYDRODYNAMIC PHENOMENA DURING THE INTERACTIONS OF DROP AND BUBBLE IN VERTICAL CONDUIT SUBHAV CHAUHAN, PARMOD KUMAR	
	ICCMS19SD075144 IMPACT OF KEROSENE DROP ONTO A DEEP WATER POOL KARAN DHUPER, PARMOD KUMAR	
Parallel Session 5: Application of Computational Techniques in Other Areas		**Venue: 1C, A10 Building**
P 1.2 (17:30 – 18:30)	**ICCMS19SD144930** STRUCTURAL ANALYSIS AND OPTIMIZATION OF COMPOSITE LAUNCH TUBE G JAYANTHI, P C JAIN	
	ICCMS19SD145035 MAGNETOSTATIC ANALYSIS OF MAGNETORHEOLOGICAL DAMPER FOR TOOL VIBRATION CONTROL APPLICATION SUHAS S ARALIKATTI, HEMANTHA KUMAR	
	ICCMS19SD145036 OPTIMAL DESIGN OF ROTARY MAGNETO-RHEOLOGICAL DRUM BRAKE FOR TRANSFEMORAL PROSTHESIS RADHE SHYAM SAINI TAK, HEMANTHA KUMAR, SUJATHA CHANDRAMOHAN, SUJATHA SRINIVASAN	
	ICCMS19SD144903 EFFECT OF IMPACT SEVERNCE ON RESPONSE OF REINFORCED CONCRETE BEAM THROUGH FINITE ELEMENT SIMULATIONS SAJAL SARKAR, ABHISHEK LAMA, SUKANTA CHAKRABORTY, SANKET NAYAK	
	ICCMS19SD014869 MODELLING OF UNDERWATER PROPULSION USING PIEZOELECTRIC EFFECT NAVINDER SINGH BHAMRA, KIRAN VIJAYAN, VISHWANATH NAGARAJAN	
Parallel Session 6: Structural Mechanics, Materials and Engineering		**Venue: Hall B, Audi Complex**
P 1.2 (17:30 – 18:30)	**ICCMS19SD124809** TENSILE BEHAVIOR OF FRICTION BOLT CONNECTION WITH ARTIFICIAL AND ACCELERATED CORROSION DAMAGE HEMA K MUNOT, YUGANDHARA A WARKE, SUYOG S INGALE, VIKAS V DUDI	
	ICCMS19SD124817 FATIGUE BEHAVIOUR OF RC BEAMS STRENGTHENED WITH GGBS BASED ULTRA HIGH PERFORMANCE CONCRETE STRIPS P GANESH, A RAMACHANDRA MURTHY	
	ICCMS19SD124825 EFFECT OF POINT SOURCE ON A PROPAGATION OF SH WAVE IN A PIEZOELECTRIC-VISCOELASTIC LAYERED COMPOSITE STRUCTURE RICHA KUMARI, ABHISHEK KUMAR SINGH	
	ICCMS19SD124829 STUDY OF EFFECT OF BARITE AS SUBSTITUTION FOR AGGREGATE AND EFFECT ON PROPERTIES OF HARDENED CONCRETE SUYOG S INGALE, HEMA K MUNOT, SUYOG S INGALE, VIKAS V DUDI	

Schedule of Parallel Technical Sessions

Day 2: Thursday, December 12, 2019

RP 2.1 (11:45 – 13:00)

Parallel Session 1: Computational Structural Dynamics — Venue: Hall A, Audi Complex

RP 2.1 (11:45 – 13:00)

Invited Lecture (IL-2) ***BAYESIAN UPDATING OF STRUCTURES WITH A CONDITIONALLY HETEROSCEDASTIC ERROR DISTRIBUTION***
GIDEON ARTHUR LYNGDOH, MOHAMMAD ARSHAD RAHMAN, ***SUDIB KUMAR MISHRA***

ICCMS19SD044923 DESIGN OF A NONLINEAR ENERGY HARVESTING DYNAMIC VIBRATION ABSORBER
SOUMI BHATTACHARYYA, SHAIKH FARUQUE ALI

ICCMS19SD044979 BROADBAND GROUND MOTION IN INDO GANGETIC BASIN FOR HYPOTHETICAL EARTHQUAKES IN HIMALAYA
DHANYA, S JAYALAKSHMI, S T G RAGHUKANTH

ICCMS19SD045033 DYNAMIC ANALYSIS OF AN INVERTED BEAM PENDULUM CONSIDERING HIGHER MODES
DILEEP S, SUMANTH B, DINESH B, KUMARASWAMY V

ICCMS19SD045042 TWO STAGE SEREP METHOD FOR CONDENSATION OF SPACE FRAME STRUCTURE FOR DYNAMIC ANALYSIS
MOHAN S C, NISHANTH PANWAR, AJAY C B MANITEJA

ICCMS19SD045045 PARAMETRIC STUDY OF FLOW INDUCED STRUCTURAL VIBRATION OF A FLAT PLATE USING EMPIRICAL TBL MODEL FOR DIFFERENT MACH NUMBERS
SAIKAT SARKAR, BIPLAB RANJAN ADHIKARY, ATANU SAHU, PARTHA BHATTACHARYA

Parallel Session 2: Simulation and Analysis under Accidental and Extreme Loadings — Venue: Auditorium

RP 2.1 (11:45 – 13:00)

ICCMS19SD102336 BIDIRECTIONAL PUSHOVER ANALYSIS CONSIDERING THE EFFECT OF ANGLE OF SEISMIC INCIDENCE
PRABAKARAN KESAVAN, ARUN MENON

ICCMS19SD102337 STOCHASTIC RESPONSE OF A CURVED DAM DUE TO SPATIAL VARYING EARTHQUAKE GROUND MOTION
SAHIL THAKUR, BIBHAS PAUL

ICCMS19SD102358 LOW VELOCITY IMPACT BEHAVIOR OF CARBON NANO-TUBES REINFORCED ALUMINUM FOAMS
Y. M. CHORDIYA, M. D. GOEL

ICCMS19SD102517 DYNAMIC RESPONSE OF TUNNEL UNDER BLAST LOADING AND ITS BLAST MITIGATION USING CFRP AS PROTECTIVE BARRIER
VISHAL SUDHAKAR PHULARI, MANMOHAN DASS GOEL

ICCMS19SD104756 A CRITICAL REVIEW OF TNT EQUIVALENCE FACTORS FOR VARIOUS EXPLOSIVES
PAYAL SHIRBHATE, M. D. GOEL

Parallel Session 3: Structural Health Monitoring, Vibration Control — Venue: Guesthouse Conference Room

RP 2.1 (11:45 – 13:00)

ICCMS19SD112333 SEISMIC RESPONSE CONTROL OF ASYMMETRIC BUILDING USING FRICTION DAMPERS
S. N. MADHEKAR, D. R. TULANKAR

ICCMS19SD112349 UNCERTAINTY PROPAGATION IN ESTIMATED STRUCTURAL PARAMETERS OWING TO UNIVARIATE UNCERTAIN PARAMETER USING RSM AND PDEM
KUMAR ANJNEYA, DIVYA GROVER, KOUSHIK ROY

ICCMS19SD114772 DETECTION OF DAMAGES IN STRUCTURES USING CHANGES IN STIFFNESS AND DAMPING
UDAY SINHA, SUSHANTA CHAKRABORTY

ICCMS19SD114781 DAMAGE DETECTION IN THIN COMPOSITE PLATE USING PARTICLE SWARM OPTIMIZATION
SURYAMANI BEHERA, TIKENDRA ARYA, SUBHAJIT MONDAL

Parallel Session 4: Structural Mechanics, Materials and Engineering — Venue: Hall B, Audi Complex

RP 2.1 (11:45 – 13:00)

ICCMS19SD124831 FINITE ELEMENT MODELING AND ANALYSIS OF PRECAST DRY CONNECTION UNDER PROGRESSIVE COLLAPSE SCENARIO
DIGESH D JOSHI, PARESH V PATEL, BHAUTIK G PATOLIYA

ICCMS19SD124842 INFLUENCE OF CONCRETE FILL ON THE BUCKLING CHARACTERISTICS OF SLENDER CIRCULAR STEEL TUBES
REBECCA MARY PAUL, MADHU KARTHIK M, M V ANIL KUMAR

ICCMS19SD122350 EFFECTIVENESS OF DIFFERENT STRUCTURAL SYSTEMS FOR EARTHQUAKE RESPONSE OF HIGH RISE BUILDINGS
SUHASINI N. MADHEKAR, PRITI S. SHINDE, BHAKTI RUDRAWAR, VAISHNAVI Y. TOTLA

ICCMS19SD122502 BLOCK SHEAR BEHAVIOUR OF A BOLTED SINGLE ANGLE TENSION MEMBER
JAGDISH R DHANUSKAR, LAXMIKANT M GUPTA

ICCMS19SD124848 INTERACTION OF HIGHER BUCKLING MODES IN UNIFORMLY COMPRESSED SIMPLY SUPPORTED UNSTIFFENED PLATES
K C KALAM ASWATHY, ANIL KUMAR M V

Parallel Session 5: Uncertainty Quantification, Reliability Analysis — Venue: 1D, A10 Building

RP 2.1 (11:45 – 13:00)

Invited Lecture (IL-3) ***UNCERTAINTY QUANTIFICATION USING DOMAIN DECOMPOSITION AND PARALLEL COMPUTING***
DEBRAJ GHOSH

ICCMS19SD132497 QUANTIFICATION OF UNCERTAINTY IN ESTIMATION OF CRACK WIDTH USING FORMULATIONS FROM LITERATURE
SAHA DAUJI, DEBABRATA DUTTA, KAPILESH BHARGAVA

ICCMS19SD134906 INVERSE RESPONSE SURFACE METHOD FOR STRUCTURAL RELIBILITY ANALYSIS
NAGESH M, A S BALU

ICCMS19SD134957 SUPPORT VECTOR MODEL BASED THERMAL UNCERTAINTY ON STOCHASTIC NATURAL FREQUENCY OF FUNCTIONALLY GRADED CYLINDRICAL SHELLS
VAISHALI, SUDIP DEY

ICCMS19SD134968 ANN BASED RANDOM FIRST-PLY FAILURE ANALYSES OF LAMINATED COMPOSITE PLATES;
SUBRATA KUSHARI, A CHAKRABORTY, T MUKHOPADHYAY, S R MAITY, SUDIP DEY

ICCMS19SD134971 UNCERTAINTY QUANTIFICATION OF LARGE SCALE STOCHASTIC NONLINEAR PROBLEMS
GOPIKA AJITH, DEBRAJ GHOSH

Schedule of Parallel Technical Sessions

Parallel Session 6: Application of Computational Techniques in Other Areas	**Venue: 1C, A10 Building**
RP 2.1 (11:45 – 13:00)	**ICCMS19SD145039** PARAMETRIC STUDY OF MAGIC FORMULA MODEL FOR MAGNETO-RHEOLOGICAL (MR) DAMPER MOHIBB E HUSSAIN JAMADAR, RANGARAJ M DESAI, HEMANTHA KUMAR, SHARNAPPA JOLADARASHI
	ICCMS19SD145041 DYNAMIC ANALYSIS OF QUARTER CAR VEHICLE MODEL WITH SEMI-ACTIVE SUSPENSION FOR BETTER RIDE COMFORT RANGARAJ MADHAVRAO DESAI, MOHIBB E HUSSAIN JAMADAR, HEMANTHA KUMAR, SHARNAPPA JOLADARASHI
	ICCMS19SD145046 NON LINEAR ANALYSIS OF MOORING SYSTEM FOR AN OFFSHORE DESALINATION PLATFORM ASHWANI VISHWANATH, PURNIMA JALIHAL
	ICCMS19SD145092 NUMERICAL ANALYSIS OF SHIP STRUCTURE DUE TO UNDER WATER EXPLOSIONS SHIVDAYAL PATEL, DEEPAK KUMAR SOLANKI
	ICCMS19SD145037 OPTIMAL PARAMETERS IDENTIFICATION OF QUARTER CAR SIMULINK MODEL FOR BETTER RIDE COMFORT AND ROAD HOLDING PUNEET N P, ABHINANDAN HEGALE, HEMANTHA KUMAR, K V GANGADHARAN
	ICCMS19SD145147 A PROPAGATING DISLOCATION MODEL BASED SIMULATION OF 2005 KASHMIR EARTHQUAKE SARIT CHANDA, SURENDRA NADH SOMALA
RP 2.2 (16:15 – 17:15)	
Parallel Session 1: Computational Fluid Dynamics and Transport Phenomena	**Venue: Auditorium**
RP 2.2 (16:15 – 17:15)	**ICCMS19SD025053** STUDY OF MULTIPLE SOLUTIONS IN TWO-SIDED NON-FACING LID-DRIVEN SQUARE CAVITY USING MULTIPLE-RELAXATION-TIME LATTICE BOLTZMANN METHOD DHRUBAJYOTI KASHYAP, ANOOP K DASS
	ICCMS19SD025055 TEMPORAL STABILITY OF MIXED CONVECTION BOUNDARY LAYER FLOWS OF WATER WITH DENSITY INVERSION RAJENDRA PRASAD SONI, MADHUSUDHANA R GAVARA
	ICCMS19SD025067 COMPUTATIONAL MODELLING OF TURBULENT FLOWS USING AN ADAPTIVE-MESH FINITE ELEMENT METHOD: A BENCHMARKING STUDY NAMAN AGARWAL, GAURAV BHUTANI
	ICCMS19SD025090 COMPUTATIONAL STUDY OF SHEAR FLOW PAST SQUARE CYLINDER WITH HORIZONTAL CONTROL PLATE ASHWANI, RAJENDRA K RAY
	ICCMS19SD025094 NUMERICAL STUDY OF SHEAR FLOW PAST AN INCLINED SQUARE CYLINDER WITH VERTICAL CONTROL PLATE RISHABH SAXENA, RAJENDRA K RAY
Parallel Session 2: Computational Structural Dynamics	**Venue: Hall A, Audi Complex**
RP 2.2 (16:15 – 17:15)	**ICCMS19SD045048** COMPARATIVE STUDY OF SEISMIC RESPONSES OF SHEAR WALL AND TUNED MASS DAMPER IN A HIGH-RISE REINFORCED CONCRETE BUILDING SHAZIYA, A P SINGH
	ICCMS19SD045063 CROSS SECTION OPTIMIZATION OF A PLANER TRUSS SUBJECTED TO VARIOUS GROUND MOTIONS USING SALP SWARM ALGORITHM SISTLA SAITEJA, KALYAN RAMA J.S.
	ICCMS19SD045073 FINITE ELEMENT STUDIES AND DYNAMIC ANALYSIS OF INITIALLY STRESSED FUNCTIONALLY GRADED PLATES USING A REFINED HIGHER ORDER SHEAR DEFORMATION THEORY JAYARAMAN S., TARUN KANT, SHANMUGA SUNDARAM N.
	ICCMS19SD045074 SUBSYSTEM LEVEL DYNAMIC ANALYSIS OF TRANSMITTER PACKAGE ONBOARD RADAR IMAGING SATELLITE MISSIONS JAYARAMAN S, SREEKANTHA C V, M S RAMKUMAR, SHANMUGA SUNDARAM N
Parallel Session 3: Constitutive Modelling of Materials, Composites and Multifunctional Materials	**Venue: 1D, A10 Building**
RP 2.2 (16:15 – 17:15)	**ICCMS19SD054991** EFFECT OF RELATIVE DENSITY ON NON-LINEAR ELASTICITY OF SANDY SOIL RAGHAVA BHAMIDIPATI, MAJID HUSSAIN, AJANTA SACHAN
	ICCMS19SD055019 EFFECTIVE PROPERTIES OF TWO-SCALE VISCOELASTIC COMPOSITES VIVEK SINGH, JAYRAM DESAI, VIKRANTH RACHERLA
	ICCMS19SD055040 THERMAL PROPERTIES OF BICRYSTALLINE AND POLYCRYSTALLINE GRAPHENE: A REVIEW BHARAT BHUSHAN SHARMA, AVINASH PARASHAR
	ICCMS19SD055062 DEFORMATION BEHAVIOR OF FUNCTIONALLY GRADED CARBON NANOTUBE REINFORCED COMPOSITE PANEL WITH CUT-OUTS UNDER THERMOMECHANICAL LOADING SHYAM KUMAR CHAUDHARY, VISHESH RANJAN KAR, KARUNESH KUMAR SHUKLA
	ICCMS19SD055083 FEM ANALYSIS OF STATIC AND LOW CYCLE FATIGUE OF CARBON/EPOXY LAMINATES DOUBLE CANTILEVER BEAM (DCB) MANOJ KUMAR, ARVIND KUMAR, JITENDRA BASRANI, PRAMOD KUMAR, RAMAN BEDI
Parallel Session 4: Multiscale and Multiphysics Problems, Simulation	**Venue: 1C, A10 Building**
RP 2.2 (16:15 – 17:15)	**ICCMS19SD082511** THERMAL CONDUCTION IN ONE DIMENSIONAL Φ4 CHAINS WITH COLLIDING PARTICLES SANKHADEEP BHATTACHARYYA, PUNEET KUMAR PATRA
	ICCMS19SD084759 INVESTIGATING FLUID-STRUCTURE INTERACTION BEHAVIOR OF A CHORD-WISE FLEXIBLE FILAMENT IN THE WAKE OF A BLUFF BODY USING PARTITIONED STRONG COUPLING APPROACH CHANDAN BOSE, RAJANYA CHATTERJEE, SAYAN GUPTA, SUNETRA SARKAR
	ICCMS19SD084761 ROLLING AND SLIDING RESISTANCE AS CARBON NANOTUBES ARE DRIVEN ON A GRAPHENE SHEET AVIRUP SIRCAR, PUNEET KUMAR PATRA
	ICCMS19SD084785 HARVESTING ENERGY FROM A SERIES OF HARVESTERS MOHAMMAD REYAZ AHMAD VALI, SHAIKH FARUQUE ALI
	ICCMS19SD084888 A MULTIPHYSICS SIMULATION OF THERMO ELASTIC DYNAMIC DAMPING OF A VIBRATORY GYROSCOPE RESONATOR FOR SPACE APPLICATION GIREESH SHARMA N, ARUN GEORGE, S PAUL PANDIAN, T SUNDARARAJAN, SACHIN SINGH GAUTAM

Schedule of Parallel Technical Sessions

Parallel Session 5: Structural Health Monitoring, Vibration Control		**Venue: Guesthouse Conference Room**
RP 2.2 (16:15 – 17:15)	**ICCMS19SD114812** A DATA-BASED TECHNIQUE FOR DAMAGE DETECTION HANDLING ENVIRONMENTAL VARIABILITY DURING ONLINE STRUCTURAL HEALTH MONITORING K LAKSHMI, JUNIA BLESSY	
	ICCMS19SD114821 ERROR IN CONSTITUTIVE EQUATION BASED APPROACH FOR ISOTROPIC MATERIAL PARAMETER ESTIMATION IN FREQUENCY-DOMAIN ELASTODYNAMICS SHYAMAL GUCHHAIT, BISWANATH BANERJEE	
	ICCMS19SD114824 BREATHING CRACK LOCALIZATION USING NONLINEAR INTERMODULATION BASED EXPONENTIAL WEIGHTING FUNCTION AUGMENTED SPATIAL CURVATURE APPROACH PRAWIN J.	
	ICCMS19SD114835 SEISMIC BEHAVIOUR OF BAFFLED LIQUID STORAGE TANK UNDER FAR-FIELD AND NEAR-FIELD EARTHQUAKE SOURABH VERN, M K SHRIMALI, S D BHARTI, T K DATTA	
	ICCMS19SD114863 EIGEN ANALYSIS OF PERIODIC SPRING MASS ATTACHED FINITE TIMOSHENKO BEAM SAYAN BHATTACHARYYA, ARNAB BANERJEE	
Parallel Session 6: Structural Mechanics, Materials and Engineering		**Venue: Hall B, Audi Complex**
RP 2.2 (16:15 – 17:15)	**ICCMS19SD124875** FREE VIBRATION ANALYSIS OF PRE-STRESSED NON-HOMOGENEOUS MEMBRANE USING ELEMENT FREE GALERKIN METHOD UNNIKRISHNAN K R, ARUN CO, PRAVEEN KRISHNA I R	
	ICCMS19SD124876 EXPLORING EFFECT OF MICRO-STRUCTURE GEOMETRY IN DESIGNING SEISMIC METAMATERIALS SAIKAT SARKAR, ANSHUL SRIVASTAVA, JITENDRA PRAJAPAT	
	ICCMS19SD124894 MECHANICS OF DAMAGE AT STEEL-CONCRETE INTERFACES IN RC STRUCTURES SAIWAL KRISHNA, PRITAM CHAKRABORTY, SEKHAR KUMAR CHAKRABARTI	
	ICCMS19SD124895 UNCERTAINTY QUANTIFICATION OF RANDOM HETEROGENEOUS MEDIA USING XFEM ASHUTOSH RAWAT, SUPARNO MUKHOPADHYAY	
	ICCMS19SD124925 EVALUATION OF SHEAR STRENGTH PROVISIONS OF PLATE-GIRDER DURGESH HINGNEKAR, A.Y. VYAVAHARE	
RP-2.3 (17:30 – 18:30)		
Parallel Session 1: Computational Fluid Dynamics and Transport Phenomena		**Venue: Auditorium**
RP-2.3 (17:30 – 18:30)	**ICCMS19SD025109** NUMERICAL ANALYSIS OF THE PRESSURE, TEMPERATURE AND AERODYNAMIC FORCES ON HYPERSONIC BLUNT HEMISPHERICAL SHAPED BODY KRISHNAKUMAR V. PATEL, PREM R. PATEL	
	ICCMS19SD025113 A NEW EDGE-BASED MESHLESS SCHEME FOR HIGH SPEED INVISCID & VISCOUS FLOWS KRISHNA H S	
	ICCMS19SD025151 A NUMERICAL FRAMEWORK FOR THE SOLUTION OF BIVARIATE POPULATION BALANCE EQUATION - MODEL IMPLEMENTATION AND VERIFICATION DEEPAK KUMAR SINGH, GAURAV BHUTANI	
	ICCMS19SD025152 FINITE ELEMENT COMPUTATIONAL MODELLING OF NON-NEWTONIAN FLUIDS USING ANISOTROPIC MESH ADAPTIVITY NEERAJ KR SINGH, GAURAV BHUTANI	
	ICCMS19SD022353 COMPUTATIONAL MODELLING OF STOCHASTIC BUFFETING OF FIN-LIKE STRUCTURES RAHUL SUNDAR, AVISHA GHORPADE, JITHIN JITH, SAYAN GUPTA, SUNETRA SARKAR	
	ICCMS19SD022356 INVESTIGATING THE DYNAMICAL BEHAVIOR OF DIPTERAN FLIGHT INSPIRED FLAPPING MOTION USING IMMERSED BOUNDARY METHOD BASED FSI SOLVER CHHOTE LAL SHAH, DIPANJAN MAJUMDAR, SUNETRA SARKER	
Parallel Session 2: Uncertainty Quantification, Reliability Analysis		**Venue: Hall A, Audi Complex**
RP-2.3 (17:30 – 18:30)	**ICCMS19SD134980** STOCHASTIC MODAL DAMPING ANALYSIS OF STIFFENED LAMINATED COMPOSITE PLATE SOURAV CHANDRA, KHEIROLLAH SEPAHVAND, VASANT MATSAGAR, STEFFEN MARBURG	
	ICCMS19SD135014 POD BASED REDUCED ORDER MODELING OF STOCHASTIC LINEAR AND NONLINEAR DYNAMICAL SYSTEMS MD NURTAJ HOSAIN, DEBRAJ GHOSH	
	ICCMS19SD135026 FREQUENCY DOMAIN BASED ROBUST FLUTTER ANALYSIS OF SWEPT BACK WING USING μ METHOD A ARUN KUMAR, AMIT KUMAR ONKAR	
	ICCMS19SD135031 PROBABILISTIC FLUTTER ANALYSIS OF WING CONSIDERING FREQUENCY-DOMAIN STRUCTURAL AND AERODYNAMIC UNCERTAINTIES SANDEEP KUMAR, AMIT KUMAR ONKAR	
	ICCMS19SD135091 RELIABILITY ASSESSMENT OF CFRP LAMINATE SUBJECTED TO LOW-VELOCITY IMPACT DAMAGE SHIVDAYAL PATEL, AKSHAY SONTAKKE, SUHAIL AHMAD	
Parallel Session 3: Constitutive Modelling of Materials, Composites and Multifunctional Materials		**Venue: 1D, A10 Building**
RP-2.3 (17:30 – 18:30)	**ICCMS19SD055100** MOLECULAR DYNAMICS SIMULATION OF SINGLE WALL CARBON NANO TUBE ALUMINIUM COMPOSITE PRAMOD RAKT PATEL, SUMIT SHARMA, S K TIWARI	
	ICCMS19SD055101 TERA-HERTZ WAVE PROPAGATION IN NON-CLASSICAL BEAMS USING SPECTRAL FINITE ELEMENT METHOD K SAINATH, S NARENDAR	
	ICCMS19SD055103 FINITE ELEMENT METHOD ANALYSIS OF BALLISTIC IMPACT ON ALUMINIUM PLATE MANOJ KUMAR, SOHEL ANSARI, JITENDRA BASRANI, NITIN THAKUR, PRADEEP KUMAR, PRAMOD KUMAR	
	ICCMS19SD054879 REFLECTIONS ON HIERARCHICAL KINEMATIC SHELL THEORIES WITH APPLICATIONS TO CARBON NANO-TUBE (CNT) REINFORCED COMPOSITES DEVESH PUNERA, TARUN KANT	

Schedule of Parallel Technical Sessions

	ICCMS19SD055058 A CONSTITUTIVE MODEL FOR A VISCOELASTIC SOLID E. KISHOR, A. MOHAMMED SHAMEEN, K. RENGNATHAN, PARAG RAVINDRAN
	ICCMS19SD055138 EXPERIMENTAL AND NUMERICAL INVESTIGATIONS ON BEHAVIOUR OF LACED REINFORCED GEOPOLYMER CONCRETE (LRGPC) BEAMS UNDER MONOTONIC LOADING MADHESWARAN C K, N GOPALAKRISHNAN, J PRAKASHVEL, K SATHISHKUMAR
Parallel Session 4: Multiscale and Multiphysics Problems, Simulation	**Venue: 1C, A10 Building**
RP-2.3 (17:30 – 18:30)	**ICCMS19SD084983** CHEMO-MECHANO MODELING OF HETEROGENEOUS CATHODE WITH GRADIENT ELASTICITY AVTAR SINGH, SILADITYA PAL
	ICCMS19SD085003 SURFACE STRESS EFFECTS IN NANOSTRUCTURED SI ANODE PARTICLES OF LITHIUM-ION BATTERIES AMRITA SENGUPTA, SOURAV DAS, JEEVANJYOTI CHAKRABORTY
	ICCMS19SD085052 HEAVY-DUTY DISCRETE ELEMENT MODELLING OF DRY SNOW AVALANCHES FOR VARYING SLOPE ANGLES: A COMPUTATIONAL STUDY UTKARSH KUNWAR, HRISHIKESH SAGAR, ABHINAV DIXIT, ADITYA NIGAM, GAURAV BHUTANI
	ICCMS19SD085056 A COMPUTATIONAL APPROACH FOR THE ESTIMATION OF VITILIGO AFFECTED SKIN USING DIFFUSE REFLECTANCE SPECTROSCOPY VYSAKH VASUDEVAN, SUJATHA N
	ICCMS19SD085110 ANALYTICAL ASPECTS OF DIGITAL TELESEISMIC DATA NEETU GOSWAMI, S C GUPTA
Parallel Session 5: Structural Health Monitoring, Vibration Control	**Venue: Guesthouse Conference Room**
RP-2.3 (17:30 – 18:30)	**ICCMS19SD114873** VIBRATION OF FLEXIBLE MEMBER IN OFFSHORE STRUCTURES MADAGALA SRAVANI, KIRAN VIJAYAN
	ICCMS19SD042499 PERFORMANCE EVALUATION OF SOME NOVEL COMPOSITE TIME INTEGRATION SCHEMES FOR DYNAMIC PROBLEMS JASTI MAHESH KUMAR, VISHAL AGRAWAL, SACHIN SINGH GAUTAM
	ICCMS19SD114937 PASSIVE VIBRATION CONTROL OF TALL STRUCTURES WITH UNCERTAIN PARAMETERS; A RELIABILITY ANALYSIS SAID ELIAS, DEEPIKA GILL, RAJESH RUPAKHETY, SIMON OLAFSSON
	ICCMS19SD114967 FEM SIMULATIONS FOR FATIGUE LIFE ESTIMATION OF BIG TURBO GENERATOR SHAFT DURING VARIOUS FAULT DISTURBANCES UNDER ACTIVE CONTROL TARUN KUMAR, RAJEEV KUMAR, S C JAIN
	ICCMS19SD114981 COMPUTATIONAL MODELING OF TUNABLE LOW FREUENCY BAND GAP IN TERNARY LOCALLY RESONANT ACOUSTIC METAMATERIAL (TLRAM) NITISH KUMAR, SILADITYA PAL
Parallel Session 6: Structural Mechanics, Materials and Engineering	**Venue: Hall B, Audi Complex**
RP-2.3 (17:30 – 18:30)	**ICCMS19SD124926** NATURAL FREQUENCY OF HIGHER ORDER SHEAR DEFORMABLE FGM PLATES WITH INITIAL GEOMETRIC IMPERFECTIONS RESTING ON ELASTIC FOUNDATION MOHAMMED SHAKIR, MOHAMMAD TALHA
	ICCMS19SD124942 PREDICTION OF MINIMUM SHEAR REINFORCEMENT FOR HIGH STRENGTH CONCRETE BEAMS BICHITRA SINGH NEGI, KRANTI JAIN
	ICCMS19SD124948 STRUCTURAL ANALYSIS OF THE LAUNCHER POD WHEN STACKED AND LIFTED FROM ITS STABLE CONDITIONS USING FEA: A CASE STUDY MITHILESH KUMAR DEWANGAN, S K PANIGRAHI
	ICCMS19SD125049 MODELLING OF SEISMIC ACTIONS ON EARTH RETAINING STRUCTURES ROHIT TIWARI, NELSON LAM, ELISA LUMANTARNA
	ICCMS19SD124970 EFFECT OF ASSUMED AND ACTUAL CROSS-SECTION ON COLLAPSE MOMENT OF DIFFERENT ANGLED PIPE BENDS UNDER IN-PLANE CLOSING BENDING MOMENT AND INTERNAL PRESSURE MANISH KUMAR, PRONAB ROY, KALLOL KHAN
	ICCMS19SD124973 ROLE PLAYED BY GRAIN BOUNDARIES IN PLASTIC DEFORMATION OF POLYCRYSTALLINE METALS: A DISCRETE DISLOCATION DYNAMICS STUDY TAWQEER NASIR TAK, ADITYA PRAKASH, INDRADEV SAMAJDAR, P J GURUPRASAD

Schedule of Parallel Technical Sessions

Day 2: Thursday, December 12, 2019

International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE)
TC-105 Mini-Symposium (10:30 – 16:30)

Session 1			**Venue: Hall C, Audi Complex**
10:30 -11:50	ISSMG/IL-1	MACRO TO MICRO INSIGHTS ON INSTABILITIES: ACROSS "LENGTHSCALES" IN GRANULAR MEDIA AMIT PRASHANT AND DEBAYAN BHATTACHARYA	
	ISSMG/IL-2	MICRO TO MACRO OF SAND-GEOSYNTHETIC INTERFACE SHEAR RESPONSE PRASHANTH VANGLA AND MADHAVI LATHA GALI	
	ISSMG/RL-1	EVOLUTION OF PARTICLE SHAPE DURING CONFINED COMMINUTION MUKESH SINGH BISHT AND ARGHYA DAS	
Session 2			**Venue: Hall C, Audi Complex**
11:50 -13:00	ISSMG/IL-3	PFC3D MODELING OF ROCK FRAGMENTATION BY PRESSURE PULSE JASON FURTNEY AND JAY AGLAWE	
	ISSMG/IL-4	DEM PARAMETER CALIBRATION FOR SIMULATING INDUSTRIAL GRANULAR FEED USING IMAGE PROCESSING AND EXPERIMENTS AMAN TRIPATHI, VIMOD KUMAR, SAPRATIV BASU, SAMIK NAG AND ANURAG TRIPATHI	
	ISSMG/RL-2	TENSILE BEHAVIOUR OF AMORPHOUS SOLIDS AT ATOMISTIC SCALE GAURAV SINGH, SUBHAS GHOSAL, ASHISH SINGH, RAJESH RAMESH AND SIMANTA LAKHAR	
Session 3			**Venue: Hall C, Audi Complex**
14:15 – 15:25	ISSMG/IL-5	A MESO-SCALE MODEL FOR CONFINED CONCRETE SUBHA GHOSH AND ARGHYA DEB	
	ISSMG/IL-6	WEAKLY CEMENTED SANDS: UNDERSTANDING AT MULTIPLE LENGTH SCALES SAURABH SINGH AND TEJAS G MURTHY	
	ISSMG/RL-3	ACOUSTIC EMISSION FOR CALIBRATION OF MICRO-SCALE PARAMETER IN ROCKS MODELS BHUPENDRA CHAND AND ARGHYA DAS	
Session 4			**Venue: Hall C, Audi Complex**
15:30 – 16:30	ISSMG/IL-7	DETERMINATION OF NANO-POROUS SHALE ROCK PERMEABILITY USING PORE NETWORK MODELLING AJAY KUMAR GOND, HIMANSHU SOLANKI AND ARGHYA DAS	
	ISSMG/RL-4	MICROMECHANICAL MODELING OF MATERIAL CROSS-ANISOTROPY GEETHESH NAIYYALGA AND MOUSUMI MUKHERJEE	

Schedule of Parallel Technical Sessions

Day 3: Friday, December 13, 2019

RP-3.1 (13:30 – 15:30)

Parallel Session 1: Computational Structural Dynamics — Venue: Hall A, Audi Complex

RP-3.1 (13:30 – 15:30)

ICCMS19SD045087 NUMERICAL ANALYSIS ON STEEL HONEYCOMB SANDWICH PANEL UNDER AIR BLAST LOADING
SHIVDAYAL PATEL, RAJESH KUMAR

ICCMS19SD045099 SEISMIC SAFETY AND PERFORMANCE EVALUATION OF EXISTING CONCRETE GRAVITY DAM
BIKRAM KESHAREE PATRA, SAIKAT BAGCHI, ASHUTOSH BAGCHI

ICCMS19SD045132 PARAMETRIC STUDY OF TILT ON THE STABILITY OF RCC BUILDING
DEVJIT ACHARJEE, SAYANTAN BOSU CHOUDHURY, SWARNABHA ACHARYYA, DEBASISH BANDYOPADHYAY

ICCMS19SD045142 VIBRATION ANALYSIS OF FUNCTIONALLY GRADED MATERIAL PLATE
NARAYANAN N I, SAUVIK BANERJEE, AKSHAY PRAKASH KALGUTKAR, T RAJANNA

ICCMS19SD045148 FRACTURE MECHANICS BASED UNILATERAL AND BILATERAL EARTH-QUAKE SIMULATIONS: APPLICATION TO CABLE-STAYED BRIDGE RESPONSE
K S K KARTHIK REDDY, SURENDRA NADH SOMALA

ICCMS19SD045149 SEISMIC RESPONSE OF LIQUID STORAGE TANK CONSIDERING UNCERTAIN SOIL PARAMETERS
HITESH KUMAR, SANDIP KUMAR SAHA

ICCMS19SD045107 EFFICIENT ARRANGEMENT OF FRICTION DAMPED BRACING SYSTEM (FDBS) FOR MULTI-STOREY STEEL FRAME
SAIKAT BAGCHI, AVIRUP SARKAR, ASHUTOSH BAGCHI

ICCMS19SD044865 NUMERICAL INVESTIGATION FOR EVALUATION OF SEISMIC PERFORMANCE OF SMA CONFINED STRUCTURAL ELEMENTS
ARPITA GHOSH, ANJAN DUTTA

Parallel Session 2: Numerical Methods and Algorithms in Engineering and Science — Venue: 1D, A10 Building

RP-3.1 (13:30 – 15:30)

ICCMS19SD094765 KERNEL GRADIENT FREE SMOOTHED PARTICLE HYDRODYNAMICS FOR TRANSIENT BOUNDARY VALUE PROBLEMS
K C CHARAN, SIVA PRASAD AVS

ICCMS19SD094924 NUMERICAL INVESTIGATION INTO WEB CRIPPLING OF COLD-FORMED SECTION
RAVI DWIVEDI, A.Y. VYAVAHARE

ICCMS19SD094972 DEVELOPMENT OF A CONSERVATIVE LEVEL SET METHOD ON UNSTRUCTURED MESHES
SANAL PARAMESWARAN, JADAV CHANDRA MANDAL

ICCMS19SD094997 SENSITIVITY ANALYSIS OF WEB CONFIGURATION ON THE STRENGTH CHARACTERISTICS OF A STEEL CORRUGATED WEB PLATE GIRDER
APURVA H DAVE, DHANANJAYA R HACHAPPA

ICCMS19SD095007 COMPARATIVE ANALYSIS OF BIO-INSPIRED ALGORITHMS FOR STRUCTURAL ENGINEERING OPTIMIZATION PROBLEMS
SISTLA SAITEJA, SRIMAN PANKAJ BOINDALA, VASAN ARUNACHALAM

ICCMS19SD095012 DEVELOPMENT OF EFFICIENT STRESS RETURN ALGORITHMS FOR SIMULATING GEOMATERIAL RESPONSE
DIVYANSHU KUMAR LAL, ARGHYA DAS

ICCMS19SD095097 TRUSS TOPOLOGY OPTIMIZATION WITH STATIC AND DYNAMIC CONSTRAINTS USING AISC-ASD
GHANSHYAM G TEJANI

ICCMS19SD054989 DYNAMIC RESPONSE OF DYNEEMA COMPOSITE PLATE UNDER DETONATION OF HIGH ENERGETIC MATERIAL
SAMEER KUMAR BEHERA, DEVENDRA K DUBEY, PRAVEEN K VERMA, ANOOP CHAWLA

Parallel Session 3: Simulation and Analysis under Accidental and Extreme Loadings — Venue: Auditorium

RP-3.1 (13:30 – 15:30)

ICCMS19SD104815 DYNAMIC STABILITY OF SPENT FUEL TRAYS STACK SUBMERGED IN WATER POOL INCORPORATING COUPLED FLUID STRUCTURE INTERACTION
BINU KUMAR, R S SINGH, O P SINGH, G R REDDY, K M SINGH, N GOPALA KRISHNAN

ICCMS19SD104832 FLOOR RESPONSE SPECTRA GENERATION CONSIDERING NONLINEARITY OF REINFORCED CONCRETE WALLS
PARESH KOTHARI, Y. M. PARULEKAR, G. V. RAMARAO, G. V. SHENAI

ICCMS19SD104938 SEISMIC ENERGY LOSS IN SEMI-RIGID STEEL FRAMES UNDER NEAR FIELD EARTHQUAKES
VIJAY SHARMA, MAHENDRA K SHRIMALI, SHIV DAYAL BHARTI, TUSHAR K DATTA

ICCMS19SD104958 SHAKE TABLE TESTS AND ANALYTICAL SIMULATION FOR PERFORMANCE EVALUATION OF CORRODED REINFORCED CONCRETE FRAMES
T NAGENDER, Y M PARULEKAR, P SELVAM, J CHATTOPADHYAY

ICCMS19SD104959 EVALUATION OF DAMPING AT VARIOUS PERFORMANCE LEVELS USING LOCAL SEISMIC RESPONSE OF RC STRUCTURES
T NAGENDER, N K SHEKHAR, Y M PARULEKAR, J CHATTOPADHYAY

ICCMS19SD104990 COMPUTATION OF PEAK OVERPRESSURE IN NEAR FIELD SCENARIO DURING THE DETONATION OF HIGH ENERGETIC MATERIAL
PRAVEEN K VERMA, ROHIT SANKRITYAYAN, DEVENDRA K DUBEY, ANOOP CHAWLA

ICCMS19SD105032 DUAL POLYNOMIAL RESPONSE SURFACE BASED ROBUST DESIGN OPTIMIZATION OF STRUCTURE UNDER STOCHASTIC BLAST LOAD
GAURAV DATTA, SOUMYA BHATTACHARJYA

ICCMS19SD105115 THERMAL ANALYSIS AND CAPACITY OF RC SECTION UNDER ELEVATED TEMPERATURE
VINEET TIWARI, TARVINDER SINGH, MITUN DEY, J CHATTOPADHYAY, P BHARGAVA

ICCMS19SD105150 OVERLOAD BEHAVIOR OF REINFORCED CONCRETE RECTANGULAR BOX-GIRDER BRIDGE
MANOJ KUMAR

ICCMS19SD042334 NUMERICAL MODELLING OF TUNNEL SUBJECTED TO SURFACE BLAST LOADING
JAGRITI MANDAL, MANMOHAN DASS GOEL, AJAY KUMAR AGARWAL

ICCMS19SD105146 PROGRESSIVE COLLAPSE POTENTIAL OF STEEL FRAMES SUSTAINING POST-HAZARD SUPORT-YIELDING
ANIL KUMAR, NIRANJAN MULEY, PRANESH MURNAL, VASANT A. MATSAGAR

Schedule of Parallel Technical Sessions

***Parallel Session 4:** Structural Health Monitoring, Vibration Control*		**Venue: Guesthouse Conference Room**
RP-3.1 (13:30 – 15:30)	***Invited Lecture (IL-4)** ENERGY TRANSPORT IN LOW-DIMENSIONAL SYSTEMS THROUGH NON-EQUILIBRIUM DYNAMICS* ***PUNEET KUMAR PATRA***	
	ICCMS19SD115030 DAMAGE DETECTION IN PRESENCE OF VARING TEMPERATURE USING MODE SGHAPE AND A TWO STEP NEURAL NETWORK SMRITI SHARMA, SUBHAMOY SEN	
	ICCMS19SD115111 SEISMIC PERFORMANCE OF CALIFORNIA BRIDGE INSTALLED WITH SEMI-ACTIVE VARIABLE DAMPERS S. N. MADHEKAR	
	ICCMS19SD115117 SEISMIC RESPONSE OF ASYMMETRIC STRUCTURE WITH SOIL STRUCTURE INTERACTION USING SEMIACTIVE MR DAMPER SHUVADEEP PANCHANAN, PRAVEEN KUMAR, SWAGATA BASU, R S JANGID	
	ICCMS19SD115122 OPERATIONAL MODAL ANALYSIS OF CONCORDIA UNIVERSITY EV BUILDING USING AMBIENT VIBRATION RESPONSE TIMIR BARAN ROY, SAIKAT BAGCHI, ARDALAN SABAMEHR, ASHUTOSH BAGCHI	
	ICCMS19SD115125 A NOVEL SLOSHING DAMPER FOR VIBRATION CONTROL OF SHORT PERIOD STRUCTURES ANUJA ROY, ATANU SAHU, DEBASISH BANDYOPADHYAY	
	ICCMS19SD115130 STRUCTURAL HEALTH MONITORING OF BRIDGE DECK BY SIGNAL PROCESSING OF MEASURED PULSE ECHO TEST DATA SWARNABHA ACHARYYA, AMALENDU MAJI, DEBASISH BANDYOPADHYAY	
***Parallel Session 5:** Structural Mechanics, Materials and Engineering*		**Venue: Hall B, Audi Complex**
RP-3.1 (13:30 – 15:30)	**ICCMS19SD124982** DESIGN OF A FLOW CONTROL DEVICE USING A SPECIAL CLASS OF HYBRID SYMMETRIC BISTABLE LAMINATES IN CLAMPED BOUNDARY CONDITION AGHNA MUKHERJEE, AKASH MUNDWAIK, SHAIKH FARUQUE ALI, ARUNACHALKASI AROCKIARAJAN	
	ICCMS19SD124993 COMPARATIVE ANALYSIS OF IMPACT AND BLAST LOADING RESPONSE OF KEVLAR REINFORCED COMPOSITE USING EXPLICIT DYNAMICS APPROACH VIVEK KUMAR, ROHIT SANKRITYAYAN, DEVENDRA K DUBEY, ANOOP CHAWLA	
	ICCMS19SD125047 EFFECT OF BRACINGS ON THE SEISMIC RESPONSE OF REINFORCED CONCRETE AND STEEL FRAMES ABHINATH B, DAVINDER SINGH	
	ICCMS19SD124969 ENERGY ABSORPTION CHARACTERISTICS OF BALSA WOOD FILLED ALUMINIUM HONEYCOMB STRUCTURES SUBJECTED TO AXIAL QUASI-STATIC LOADING NADEEM AHMAD, DEVENDRA K DUBEY, ROHIT SANKRITYAYAN	
	ICCMS19SD125093 COMPARATIVE STUDY OF BEAM THEORIES ON THE EFFECT OF SPAN-DEPTH RATIO FOR DIFFERENT BEAMS PRIYANKA DHURVEY, AKASH GAUR, SHOBIT MISHRA	
	ICCMS19SD125108 VIBRATION ANALYSIS OF STIFFENED FUNCTIONALLY GRADED MATERIAL SHALLOW SHELLS WITH DIFFERENT GEOMETRIES UNDER THERMAL ENVIRONMENT ANUBHAV KUMAR, DINESH KUMAR	
	ICCMS19SD125119 BUCKLING OF PRESSURIZED NANO-SIZED SPHERICAL SHELL MANJUR ALAM, SUDIB KUMAR MISHRA	
	ICCMS19SD125133 FINITE ELEMENT ANALYSIS OF LAYERED COMPOSITE CYLINDERS UNDER INTERNAL PRESSURE AND THERMAL LOADING SHAIK SHABBERHUSSAIN, VELMURUGAN R	
	ICCMS19SD125162 HIGH INTERACTION AND SHEAR CONNECTION IN COMPOSITE BEAM USING EPOXY ANKIT BHARDWAJ, AMIT DAIYA, DHAWAL VYAS, RAVI GUPTA	
***Parallel Session 6:** Computational Geomechanics and Geotechnics, Natural Materials*		**Venue: Hall C, Audi Complex**
RP-3.1 (13:30 – 15:30)	**ICCMS19SD034773** PREDICTION OF TIME OF FAILURE OF A ROCK SLOPE DEEPAK KUMAR TIWARI, NITISH SINHA, ARUN KUMAR SINGH, AMIT VERMA	
	ICCMS19SD034801 3-DIMENSIONAL ANALYSIS OF FIXED HEADED SINGLE PILE AND 2×2 PILE GROUP IN MULTILAYERED SOIL ARINDAM DEY, SOMENATH MUKHERJEE	
	ICCMS19SD034874 SIGNIFICANCE OF INTERFACE MODELING IN ANALYSIS OF LATERALLY LOADED DEEP FOUNDATIONS RAMYASRI RACHAMADUGU, GYAN VIKASH	
	ICCMS19SD034910 STABILITY OF AN UNSUPPORTED ELLIPTICAL TUNNEL SUBJECTED TO SURCHARGE LOADING IN COHESIVE-FRICTIONAL SOIL PUJA DUTTA, PARAMITA BHATTACHARYA	
	ICCMS19SD035018 A NOVEL INTEGRATED FINITE ELEMENT MODEL FOR DYNAMIC ANALYSIS OF SLOPES PARTHA SARATHI NAYEK, MAHESHREDDY GADE	
	ICCMS19SD035038 DYNAMIC RESPONSE OF CONVENTIONAL AND BASE-ISOLATED BUILDING SUBJECTED TO EARTHQUAKE SRIJIT BANDYOPADHYAY, Y.M. PARULEKAR, A. SENGUPTA, G.R. REDDY, J. CHATTOPADHYAY	
	ICCMS19SD035121 FINITE ELEMENT ANALYSIS OF RAILWAY TRACK USING GEOGRID REINFORCEMENT RAVI RANJAN, ARUNA RAWAT, S S KUSHWAH	

Key Map


Bus Stand (North Campus)
Guest House
Auditorium
Village Square
विलेज स्क्वेयर
Hall - A, B, C
Hospital
B-22 Hostel
North Campus, IIT Mandi
नॉर्थ कैम्पस, IIT मंडी
B-21 Hostel
B-13 Hostel
A10 Building
B-20 Hostel
B-16 Hostel
B-23 Hostel
Pine Mess
B-14 Hostel
Canteen
Way to B9, B17, B24 Hostel
Way to B19 Hostel
Way to B10, B12, B15, B18