

**The 11th International Symposium on Plasticity and Impact Mechanics
IMPLAST 2016
11-14 December, 2016 Indian Institute of Technology Delhi, New Delhi, India**

PRELIMINARY PROGRAM

DAY- 1, 11th DEC 2016

16:00-18:00	Onsite Registration
	Venue: LHC

PRELIMINARY PROGRAM

DAY- 2, 12th DEC 2016

8:00-8:40	Onsite Registration
	Venue: LHC

8:45	Arrival of Chief Guest
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9:00-9:45	INAUGURATION
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	HALL-II (LH-121)
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10:00-10:30	High Tea
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MEMORIAL LECTURE

HALL-II (LH-121)

10:30-10:55	<i>Alexander Manzhirov</i> (Karunesh Memorial Lecture)
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10:55-11:20	<i>Otto T. Bruhns</i> (Lehmann Memorial Lecture)
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11:20-11:45	<i>G. N. Nurick</i> (Johnson Memorial Lecture)
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KEYNOTES LECTURE

HALL-II (LH-121)

11:45-12:05	<i>Dirk Mohr</i>
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12:05-12:25	<i>J. K. Paik</i>
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12:25-12:45	<i>K.T. Ramesh</i>
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12:45-13:05	<i>Hans-G. Reimerdes</i>
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13:05-14:00	LUNCH BREAK
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14:00 - 15:30	PRESENTATION SESSION - A
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HALL-I (LH-108)

HALL-II (LH-121)

HALL-III (LH-114)

PROJECTILE IMPACT

MATERIAL CHARACTERIZATION

FRACTURE AND PLASTICITY

Chair: Dirk Mohr

Chair: Otto T. Bruhns

Chair: Kowalewski Z.

14:00-14:20	Masahiro Nishida (IMP-270)	B. Langrand (IMP-103)	Anish Roy
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14:20-14:30	A.H.Mirrahimi (IMP-338)	Hannah Lois Dorothy (IMP-123)	Manish Kumar (IMP-522)
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14:30-14:40	Govind Gaur (IMP-203)	S. Gurusideswar (IMP-460)	Mohit Pant (IMP-369)
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14:40-14:50	Kiran Akella (IMP-176)	Hemant Chouhan (IMP-237)	Siddharth Suman (IMP-258)
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14:50-15:00	S G Savio (IMP-343)	J. V. Mane (IMP-194)	Rizwan Karim Shaikh (IMP-158)
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15:00-15:10	P. C. Gautam (IMP-134)	S. P. Nawale (IMP-188)	Dr. Akula Komuraiah (IMP-318)
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15:10-15:20	N Nayak (IMP-353)	Shishay Amare Gebremeskel (IMP-231)	Prasun Jana (IMP-410)
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15:20-15:30	PK Pradhan (IMP-205)	J. V. Mane (IMP-195)	R. Ilandjezian (IMP-410)
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15:30-15:50	TEA BREAK		
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15:50-17:00	PRESENTATION SESSION - B		
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HALL-I (LH-108)

HALL-II (LH-121)

HALL-III (LH-114)

PROJECTILE IMPACT

MATERIAL CHARACTERIZATION

FRACTURE AND PLASTICITY

Chair: J. K. Paik

Chair: K. T. Ramesh

Chair: B. Dattaguru

15:50-16:00	Husain Abbas (IMP-264)	Zhang Qinghui (IMP-138)	V. R. Ikkurthia (IMP-435)
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16:00-16:10	Viladmir Bratov (IMP-299)	Easwara Prasad G L (IMP-325)	Ravinder Singh (IMP-121)
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16:10-16:20	K. Senthil (IMP-478)	J. Venkatesan (IMP-519)	Kamal Sharma (IMP-370)
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16:20-16:30	P. K. Jena (IMP-384)	Afdhal (IMP-191)	Deepak Kr. Pandit (IMP-473)
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16:30-16:40	Prince Sharma (IMP-293)	Rajnish Goyal (IMP-380)	Sagar Chandra (IMP-193)
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16:40-16:50	G.Tiwari (IMP-147)	Luv Verma (IMP-166)	Manish Kumar (IMP-518)
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16:50-17:00	P. Rama Subba Reddy (IMP-358)	Asif Husain (IMP-364)	Ajay Dhanopia (IMP-328)
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17:00-17:10	R. K. Mandal (IMP-385)	Manoj Kumar (IMP-250)	Moin ul Haq (IMP-418)
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PRELIMINARY PROGRAM

**DAY- 3, 13th DEC 2016
KEYNOTES LECTURE**

HALL-II (LH-121)

9:00-9:20	<i>Kowalewski Zbigniew</i>
9:20-9:40	<i>V.S. Deshpande</i>
9:40-10:00	<i>Eric Markiewicz</i>
10:00-10:20	<i>Chengqing Wu</i>
10:20-10:40	<i>Krishnaswamy Ravi-Chandar</i>
10:40-11:00	<i>VikasTomar</i>
11:00-11:20	<i>William Graham Proud</i>

TEA BREAK

PRESENTATION SESSION - A

	HALL-I (LH-108)	HALL-II (LH-121)	HALL-III (LH-114)	HALL-IV (LH-111)
	PROJECTILE IMPACT	MATERIAL CHARACTERIZATION	EARTHQUAKE	CRASH
	Chair: Chengqing Wu	Chair: Vikas Tomar	Chair: Husain Abbas	Chair: G. N. Nurick
11:35-11:55	P. Venkitanarayanan	Dini A. Prabowo (IMP-181)	Raghendra Yadav (IMP-368)	Sang-Gab Lee (IMP-243)
11:55-12:05	T. Sreekantha Reddy (IMP-307)	P. K.Sahoo (IMP-406)	Ankur Tailor (IMP-310)	Pramod Kumar Gupta(IMP-526)
12:05-12:15	Mrutyunjay Rout (IMP-442)	A. Joshua Daniel (IMP-236)	Kunal P Shukla (IMP-280)	Sumanta Das (IMP-160)
12:15-12:25	U.B. Jayadeep (IMP-199)	Subhan Ahmad (IMP-309)	Sejal P Dalal (IMP-296)	Hozabr Mozafari (IMP-501)
12:25-12:35	Amar Prakasha (IMP-275)	A. Laha (IMP-468)	Vrunda M Shah (IMP-357)	M.Nalla Mohamed (IMP-285)
12:35-12:45	Abhishek Rajput (IMP-132)	Hemant Meena (IMP-395)	D.V. Singh (IMP-498)	S. Sivakamasundari (IMP-200)
12:45-12:55	Michal Lidner (IMP-180)	Venkataramudu Bodepati (IMP-339)	Harshad G Patel (IMP-277)	S Siddharth (IMP-403)
12:55-13:05	Manoj Kumar (IMP-257)	Satyabrata Dhala (IMP-224)	C. Jayarami Reddy (IMP-341)	Urfi Khan (IMP-355)

LUNCH BREAK

PRESENTATION SESSION - B

	HALL-I (LH-108)	HALL-II (LH-121)	HALL-III (LH-114)	HALL-IV (LH-111)
	PROJECTILE IMPACT	MATERIAL CHARACTERIZATION	EARTHQUAKE	CRASH
	Chair: Eric Markiewicz	Chair: V. S. Deshpande	Chair: Raghendra Yadav	Chair: B. Langrand
14:00-14:20	Husain Abbas (IMP-263)	Anindya Deb (IMP-391)	Megha T. Lakhani (IMP-281) H.K.YADAV (IMP-437)	K S Rao (IMP-251) Annisa Jusuf (IMP-189)
14:20-14:30	A Banerjee (IMP-359)	S. Singh (IMP-214)	Aneta Brzuzay (IMP-490)	Pramod Kumar Gupta(IMP-525)
14:30-14:40	K.D. Dhote (IMP-235)	Jyoti S Jha (IMP-221)	Yahia R. Abbas (IMP-524)	M. R. Sadique (IMP-386)
14:40-14:50	Ankur Trigunayak (IMP-211)	Subhajit Sen (IMP-252)	Kashif Quamar Inqualabi (IMP-348)	T.J. Reddy (IMP-294)
14:50-15:00	Sanan H Khan(IMP-330)	Atul Suri (IMP-393)	V.Chaudhry (IMP-441)	M. D. Goel (IMP-150)
15:00-15:10	Pushparaja M. (IMP-347)	S. H. Kadhane (IMP-196)	K. Seshagiri Rao (IMP-186)	Sharad Rawat (IMP-217)
15:10-15:20	Md. Muslim Ansari (IMP-126)	Aditya Singh (IMP-352)	D. Shirole (IMP-344)	N Nasir Hussain (IMP-336)
15:20-15:30	Saptarshi Kumar Lahiri (IMP-327)	Subhan Ahmad (IMP-517)	Kamran (IMP-379)	M. Nalla Mohamed (IMP-285)
15:30-15:40	Vishal Mehra (IMP-433)	Neelanchali Asija (IMP-229)	Romanbabu M. Oinam (IMP-298)	Swapnil Mishra (IMP-155)

TEA BREAK

PRESENTATION SESSION - C

	HALL-I (LH-108)	HALL-II (LH-121)	HALL-III (LH-114)	HALL-IV (LH-111)
	PROJECTILE IMPACT	MATERIAL CHARACT. & STRESS WAVES	EARTHQUAKE	CRASH
	Chair: Vladmir Bratov	Chair: Anindya Deb	Chair: P. K. Gupta	Chair: Vikas Tomar
15:55-16:15	M. L. Cerquagliaia (IMP-133)	Elzbieta A. Pieczyska (IMP-332)	Raghendra Yadav (IMP-438) M. Shariq (IMP-496)	B. Haorongbam (IMP-397) S. Vijayanand (IMP-192)
16:15-16:25	M A Iqbal (IMP-157)	K. Naresh (IMP-432)	Zaid Mohammad (IMP-506)	Arghya Ghosh(IMP-331)
16:25-16:35	Md. Muslim Ansari (IMP-129)	Easwara Prasad G L(IMP-326)	BhargavkumarLakhani (IMP-424)	Abha Gupta (IMP-261)
16:35-16:45	Vijesh Vijayan (IMP-507)	G. R. Srinivas (IMP-390)	Amit Goyal (IMP-267)	Devendra Sharma (IMP-185)
16:45-16:55	Hakim Abdulhamid (Thiot)	K.Satyanarayana (IMP-502)	Mahin Esmacil Zaei (IMP-376)	A. Praveen Kumar (IMP-279)
16:55-17:05	K. Senthil (IMP105)	D. Srikanth Rao (IMP-329)	Mohd. Saqib (IMP-152)	Arameh Eyvazian (IMP-500)
17:05-17:15	PK Pradhan (IMP-206)	Prasun Jana (IMP-410)	Pramodini Naik (IMP-335)	M. D. Goel (IMP-201)
17:15-17:25	Zaid Mohammad (IMP-513)	Raman Bharti (IMP-367)	Shishir Gupta (IMP-464)	Manoj kumar Singh (IMP-449)
17:25-17:35	B. V. Vijay (IMP-171)	Jay Prakash Srivastava (IMP-215)	Shishir Gupta (IMP-465)	Marlena Niedzialek (IMP-499)
17:35-17:45	Hariveer Singh (IMP-453)	Shishir Gupta (IMP-462)	Shishir Gupta (IMP-467)	Sanjoy Das Neogi (IMP-316)
17:45-17:55	Bhakti N. Patel (IMP-346)	Tanmoy Bandyopadhyay (IMP-128)	D. Pandit (IMP-159)	Y. Pawan Kumar (IMP-109)

BREAK

CONFERENCE BANQUET DINNER

19:00 onwards

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PRELIMINARY PROGRAM

DAY- 4, 14th DEC 2015

KEYNOTES LECTURE

HALL-II (LH-121)

09:00-09:20	<i>Arun Shukla</i>		
09:20-09:40	<i>Naresh Thadhani</i>		
09:40-10:00	<i>Amine Benzerga</i>		
10:00-11:00	PRESENTATION SESSION - A		

	HALL-I (LH-108)	HALL-III (LH-114)	HALL-IV (LH-111)
	PROJECTILE IMPACT	STRESS WAVES	THERMO MECHANICS
	Chair: Masahiro Nishida	Chair: Elzbieta A. Pieczyska	Chair: Sigit P. Santosa
10:10-10:20	Raj Das (IMP-495)	Yassin Alkassar (IMP-492)	Zhibin Li (IMP-201B)
10:20-10:30		Santimoy Kundu (IMP-472)	Ishwar Kapoor (IMP-272)
10:30-10:40	Manish Kumar Bhuarya (IMP-399)	Rehena Sultana (IMP-459)	Mohammad Suhaib Ahmad (IMP-320)
10:40-10:50	Vimal Kumar (IMP-428)	Abhijit Pramanik (IMP-481)	R. Seetharam (IMP-228)
10:50-11:00	S.S. Gautam (IMP-249)	Abhinav Singhal (IMP-447)	Pankaj Tomar (IMP-122)

TEA BREAK

PRESENTATION SESSION - B

	HALL-I (LH-108)	HALL-III (LH-114)	HALL-IV (LH-111)
	DROP IMPACT LOADING	STRESS WAVES	THERMO MECHANICS
	Chair: P. Venkitanarayanan	Chair: Anish Roy	Chair: Naresh Thadhani
11:15-11:35	Romesch Batra	Biswajit Basu (IMP-515)	Evgeniy Dats (IMP-262)
11:35-11:45	M. A. Iqbal (IMP-429)	Santimoy Kundu (IMP-471)	Shashank Pandey(IMP-504)
11:45-11:55	Prashant Rawat (IMP-220)	A. K. Verma (IMP-475)	Zhibin Li (IMP-116)
11:55-12:05	Pankaj Kumar (IMP-422)	Aditya Y. Joshi (IMP-141)	B. Bhav Singh (IMP-455)
12:05-12:15	Akx Malik (IMP-201A)	Soniya Chaudhary (IMP-488)	V. Parea (IMP-401)
12:15-12:25	A. Joshua Daniel (IMP-202)	Mahdi Hasanazadeh (IMP-314)	Sayak Chakravorty (IMP-179)
12:25-12:35	Muhammad A. Kariem (IMP-183)	Shamik Basak (IMP-164)	A. Syed (IMP-342)
12:35-12:45	Captain Nagesh (IMP-145)	Nidhi Dewangan (IMP-520)	Abhishek K Singh (IMP-321)
12:45-12:55	saquib (IMP-137)	Asit Kumar Gupta (IMP-487)	Abhik Sur (IMP-177)
12:55-13:05	Abhinav Gautam (IMP-240)	Rishabh D. Guha (IMP-234)	A Vinoth Jebaraj (IMP-421)
13:05-14:00	LUNCH BREAK		

PRESENTATION SESSION - C

	HALL-I (LH-108)	HALL-III (LH-114)	HALL-IV (LH-111)
	BLAST	STRESS WAVES	ANALYSIS & DESIGN
	Chair: Raj Das	Chair: Krishnaswamy Ravi-Chandar	Chair: Evgeniy Dats
14:00-14:10	Sigit P. Santosa (IMP-254)	Aditya Singh (IMP-271)	Manmohan Dass Goel (IMP-149)
14:10-14:20	Sang Jin Kim (IMP-125)	Cedric GIROMINI (Thiot)	Md Zakir Hussain (IMP-366)
14:20-14:30	Ahmad Furqan (IMP-253)	Mayank Singh Rajput (IMP-398)	Mallika R Bhatt (IMP-322)
14:30-14:40	Sang-Gab Lee (IMP-242)	Ankit Sahai (IMP-407)	K.Satyanarayana (IMP-502)
14:40-14:50	Shashank Pathak (IMP-165)	P. D. Sathe (IMP-245)	Muhammad A. Kariem (IMP-182)
14:50-15:00	Agesh Markose (IMP-239)	Goutham Reddy (IMP-356)	Kamarajan Balakrishnan (IMP-213)
15:00-15:10	Inderpal Singh Sandhu (IMP-479)	Pradeep Durgriyal (IMP-521)	Darel M. Kamil (IMP-184)
15:10-15:20	Mahesh Kadam (IMP-312)	A. N. Patil (IMP-246)	A. O. M. Adeoye (IMP-512)
15:20-15:30	Ram Kumar Singh (IMP-521A)	Pradeep Kumar (IMP-382)	Poonam Kumari (IMP-208)

TEA BREAK

PRESENTATION SESSION - D

	HALL-I (LH-108)	HALL-III (LH-114)	HALL-IV (LH-111)
	BLAST	STRESS WAVES	ANALYSIS & DESIGN
	Chair: Amine Benzerga	Chair: Biswajit Basu	Chair: Sang-Gab Lee
15:45-15:55	K.Venkataramana (IMP-289)	Naresh K. Raghuvanshi (IMP-430)	Md Asjad Mokhtar (IMP-225)
15:55-16:05	Emarti Kumari (IMP-436)	Pulkit Kumar (IMP-450)	Naresh K. Raghuvanshi (IMP-430)
16:05-16:15	G. Jaswanth (IMP-260)	Moumita Mahanty (IMP-451)	Kaustav Bakshi (IMP-168)
16:15-16:25	B. Raja Sekhar (IMP-292)	Ravi J Bhatt (IMP-120)	Ram Bihari Sharma (IMP-461)
16:25-16:35	P K Sharma (IMP-345)	S.Saha (IMP-469)	Ajay Kumar (IMP-288)

VALEDICTORY

HALL-I (LH-121)

Chairman , G. Satheesh Reddy

17:45-18:15	HIGH TEA		
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S.No.	Ms ID #	Manuscript Title	First Author Name
		Preface	N. K. Gupta
1	IMP-103	FE modelling of cellular materials under compressive load	B. Langrand
2	IMP-105	Experimental and Numerical Studies on Mild Steel Plates against 7.62 API Projectiles	K. Senthil
3	IMP-116	Dynamic crushing of cellular materials with temperature gradient	Zhibin Li
4	IMP-120	Investigation of Effect of Material Properties on Forces during Flow Forming Process	Ravi J Bhatt
5	IMP-121	Fracture Behavior of Welded Aluminum Alloy at High Strain Rates	Ravinder Singh
6	IMP-122	upper bound theorem	Pankaj Tomar
7	IMP-123	Modelling of high strain rate failure under ASB and microvoiding	Hannah Lois Dorothy
8	IMP-124	Characterisation and parameters identification of materials constitutive and damage models: from normalised direct approach to most advanced inverse problem resolution	E. Markiewicz
9	IMP-125	Hydrocarbon Explosions	Sang Jin Kim
10	IMP-126	Dynamic response of laminated GFRP composite plate under impact: experimental and numerical study	Md. Muslim Ansari
11	IMP-128	Hygrothermal Environment due to Time-Delay	Tanmoy Bandyopadhyay
12	IMP-129	normal and oblique impact	Md. Muslim Ansari
13	IMP-130	Penetration research of dual-mode penetrator formed by shaped charge with wave shaper	LI Wei-bing
14	IMP-132	Experimental and numerical study of concrete targets under high rate of loading	Abhishek Rajput
15	IMP-133	Preliminary assessment of the possibilities of the Particle Finite Element Method in the numerical simulation of bird impact on aeronautical structures	M. L. Cerquagliaia
16	IMP-134	Materials in the Pressure Region 20 GPa to 100 GPa	P. C. Gautam
17	IMP-137	PERFORMANCE OF BLC-200 CASK UNDER 9m DROP TEST	Saquib
18	IMP-138	A technique for hi-speed indentation experiment based on Hopkinson bar	Zhang Qinghui
19	IMP-141	Effects of baffles on sloshing impact pressure of a chamfered tank	Aditya Y. Joshi
20	IMP-143	Technologies	Alexander V. Manzhurov
21	IMP-145	Large Deformations and Tearing of Circular Plates and Plate-Tube Structural Combinations under Impulsive Loading	Captain Nagesh
22	IMP-147	plate	G.Tiwari
23	IMP-149	Design and Analysis of Wing Structures of Micro Air Vehicles	Manmohan Dass Goel
24	IMP-150	under Impact Loading	M. D. Goel
25	IMP-151	comparative study	Yanchao Wang
26	IMP-152	Computation of stresses in concrete gravity dam under seismic loading through ANN and FEM	Mohd. Saqib
27	IMP-155	Damage to Shallow Tunnels under Static and Dynamic Loading	Swapnil Mishra
28	IMP-157	induced by free falling indenter	M. A. Iqbal
29	IMP-158	validated by Experimental	Rizwan Karim Shaikh
30	IMP-159	Large Elasto-Plastic De flexion of Thin Beams with Roller Support Contact	D. Pandit
31	IMP-160	Effective Constitutive Response of Sustainable Next Generation Infrastructure Materials through High-Fidelity Experiments and Numerical Simulation	Sumanta Das
32	IMP-162	composite hose	J.R. Cho
33	IMP-164	strained Steel Sheets	Shamik Basak
34	IMP-165	Air-Blast Induced Ground Displacement	Shashank Pathak
35	IMP-166	cantilever beam	Luv Verma
36	IMP-168	Geometrically Nonlinear First Ply Failure Loads of Laminated Composite Conoidal Shells	Kaustav Bakshi

37	IMP-171	Shape- Optimized Bubbled- Armour Forms for High Resistance to Ballistic Penetration	B. V. Vijay
38	IMP-176	Studies for improved damage tolerance of ceramics against ballistic impact using layers	Kiran Akella
39	IMP-177	Modeling Of Fibre-reinforced Magneto-thermoelastic Plate With Heat Sources	Abhik Sur
40	IMP-179	Thermo-viscoelastic Interaction In A Three-dimensional Problem Subjected To Fractional Heat Conduction	Sayak Chakravorty
41	IMP-180	Numerical modeling of air shock wave propagation using Finite Volume Method and linear heat transfer	Michał Lidner
42	IMP-181	The Effect of Specimen Dimension on the Results of the Split-Hopkinson Tension Bar Testing	Dini A. Prabowo
43	IMP-182	On the Effect of Defect Thickness of ERW Pipe on the Acceptability for Piling Structure	Muhammad A. Kariem
44	IMP-183	On the Development of Horizontal Impact Test System (HITS): Estimation of Impact Loads and Deceleration	Muhammad A. Kariem
45	IMP-184	Parametric Study of Integral Buckle Arrestors Design of Submarine Pipeline System in Masela Block	Darel M. Kamil
46	IMP-185	Polymer Composites, and Natural Materials	Devendra Verma
47	IMP-185	under lateral loading	Hozhabr Mozafari
48	IMP-186	Site Specific Seismic Input for Structures on Hill Slopes	K. Seshagiri Rao
49	IMP-188	High strain rate response of A356/Al2O3 aluminum alloy MMCs using Ls-Dyna	S. P. Nawale
50	IMP-189	Thin-Walled Column	Annisa Jusuf
51	IMP-191	Numerical Simulation for Bar Straightness Effect in Split Hopkinson Pressure Bar	Afdhal
52	IMP-192	Effect of Spacers on Ultimate Strength and Behavior Effect of Spacers on Ultimate Strength and Behavior of Cold-Formed Steel Built-up Columns	S. Vijayanand
53	IMP-193	Crystal Plasticity	Sagar Chandra
54	IMP-194	Mechanical Property Evaluation of Polyurethane Foam under Quasi-static and Dynamic Strain Rates- An Experimental Study	J. V. Mane
55	IMP-195	Numerical Simulation of Cobalt Absorber Rod Transportation Flask Under Impact Loading and Design of Impact Limiter Cage	J. V. Mane
56	IMP-196	Hopkinson Pressure Bar Setup	S. H. Kadhane
57	IMP-199	Energy loss due to adhesion during the impact of elastic spheres	U.B. Jayadeep
58	IMP-200	Study on Flexural Behavior of Steel Fiber RC Beams Confined With Biaxial Geo-Grid	S. Sivakamasundari
59	IMP-201	Numerical Simulation of Anti-Ram Bollard under Vehicle Impact	M. D. Goel
60	IMP-201A	Dynamic Response of Deccan Trap Basalt under Hopkinson Bar Test	Akx Malik
61	IMP-201B	Dynamic crushing of cellular materials with temperature gradient	Zhibin Li
62	IMP-201C	Offshore Structures	Jeom Kee Paik
63	IMP-202	under Static Cyclic Loading	A. Joshua Daniel
64	IMP-203	Influence of Geometry and Hardness of the Backing Plate on Ballistic Performance of Bi-Layer Ceramic Armor	Govind Gaur
65	IMP-205	Numerical Investigations of Spherical Projectile Impact on 4mm Thick Mild Steel Plate	PK Pradhan
66	IMP-206	Large Deformation Investigations on 4mm MS Plate	PK Pradhan
67	IMP-208	Two-Dimensional Solution of Piezoelectric Plate Subjected to Arbitrary Boundary Conditions using Extended Kantorovich Method	Poonam Kumari
68	IMP-211	Projectile with Semi-Infinite Target	Ankur Trigunayak
69	IMP-213	Comparison of Explicit and Implicit finite element methods and its effectiveness for drop test of Electronic control unit	Kamarajan Balakrishnan
70	IMP-214	Prediction of mechanical response of geomaterials using an advanced elasto-plastic constitutive model	S. Singh
71	IMP-215	Sliding Contact	Jay Prakash Srivastava

72	IMP-216	Scaling and structural impact	Marcílio Alves
73	IMP-217	crashworthiness under axial impact	Sharad Rawat
74	IMP-220	Damage Tolerance of Carbon Fiber Woven Composite Doped With MWCNTs under Low-Velocity Impact	Prashant Rawat
75	IMP-221	Constitutive Relations for Ti-6Al-4V Hot Working	Jyoti S Jha
76	IMP-224	Samples of Pseudoelastic NiTi Shape Memory Alloys	Satyabrata Dhala
77	IMP-225	Investigation of rotor stator rub phenomenon considering pure sticking condition	Md Asjad Mokhtar
78	IMP-228	upsetting test	R. Seetharam
79	IMP-229	Impact Response of Shear Thickening Fluid (STF) Treated High Strength Polymer Composites – Effect of STF Intercalation Method	Neelanchali Asija
80	IMP-231	Appraisal of strain rate sensitivity of polypropylene nanocomposites	Shishay Amare Gebremeskel
81	IMP-234	Effect of Grain Orientation on High Strain-Rate Plastic Deformation	Rishabh D. Guha
82	IMP-235	Investigation of Hole Size Formation by Steel Sphere Impacting on Thin Plate at Hypervelocity	K.D. Dhote
83	IMP-236	Behavior under Torsion	A. Joshua Daniel
84	IMP-237	Composite	Hemant Chouhan
85	IMP-239	Failure analysis of V-shaped plates under blast loading	Agesh Markose
86	IMP-240	Fatigue Damage estimation through Continuum Damage Mechanics	Abhinav Gautam
87	IMP-242	Shock Response Analysis of Blast Hardened Bulkhead in Partial Chamber Model under Internal Blast	Sang-Gab Lee
88	IMP-243	System of FSI Analysis Technique	Sang-Gab Lee
89	IMP-245	Elasto-Plastic Damage Analysis Based on Strain-Space Plasticity	P. D. Sathe
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224	IMP-471	layer lying over a viscoelastic half-space	Santimoy Kundu
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