LIST OF PAPERS SUBMITTED FOR PLMSS 2017 (09/11/2017)

MANUSCRIPT ID	AUTHOR SUBMITTED WITH AFFILIATION	TITLE OF THE PAPER	ALL AUTHORS NAME	ABSTRACT	FULL PAPER	EMAIL ID of the author uploaded the paper
PLMSS 01	M. Sakthivel, Scientist-E, Cvrde, Drdo, Mod, Avadi, Chennai-600054	Conceptual Design Of Unmanned Fighter	M. Sakthivel	Abstract		msvsvsvsct@hotmail.com
PLMSS 02	V.Raghunandan Senior Manager, Hal, Ardc, Design Complex, Marathahalli Post, Bangalore	Modularization Approach Of Aircraft Harness Design & Fabrication For Combat Aircraft Using Cad Tools	V. Raghunandan A. Vijayakumar, M. Chowdaiah, Dr. P. Selvaraj	Abstract	Full Paper	raghunandan@jetmail.ada.gov.in
PLMSS 03	M. Senthil Kumar, Aeronautical Development Agency, Bangalore -560 017	Process Improvement & Cycle Time Reduction In Aerospace Structure Reuse Strategy Using Knowledge Based Engineering	M. Senthil Kumar, S. Arul Kumar, L Sheik Ismail And H S Nagaraj	Abstract	Full Paper	msenthil.iitm@gmail.com
PLMSS 04	Sharad Katiyar, Scientist 'D', Aeronautical Development Agency, Bangalore	Smart Structures Modeling And Analysis: Electro-Thermo-Mechanical Behaviour Of A Composite Beam With Smart Actuator And Sensor	Sharad Katiyar	Abstract	Full Paper	sharad@jetmail.ada.gov.in
PLMSS 05	Shyni Thomas,Sc.'F,Ada,	Electrical Modeling Of Combat Aircraft Zoning Of Aircraft For Lightning Study Using Modeling And Simulation	Shyni Thomas, Udaya Kumar Prabhulla Chandranv.K	Abstract	Full Paper	shynithomas@jetmail.ada.gov.in
PLMSS 06	Ronak R. Degaonkar, Post Graduate Scholar, Department Of Production Engineering And Industrial Management, College Of Engineering, Pune, India	Application Of Multiple Criteria Decision Making (Mcdm) Techniques For Selection Of Platform To Develop The Centralised Project Monitoring System	Ronak R. Degaonkar, Dr. Rajiv B	Abstract	Full Paper	degaonkarrr15.pm@coep.ac.in
PLMSS 07	V. Pavan Kumar Scientist-C, Asl, Defence Research And	Internet Of Things: Technology Led Transformation In Health	V. Pavan Kumar, G. Kavitha, M. Parvathi		Full Paper	pavan.572@gmail.com

	Development Organization, Hyderabad, India	Sector				
PLMSS 08	V. Pavan Kumar Scientist-C, Asl, Defence Research And Development Organization, Hyderabad, India	Cloud PLM: Opportunities And Challenges	V. Pavan Kumar, G. Kavitha, M. Parvathi		Full Paper	pavan.572@gmail.com
PLMSS 09	Komati Raghunath Rao Design Centre, Advanced Composite Centre (Acc), Advanced Systems Laboratory (Asl), Defence Research And Development Organization (Drdo), Hyderabad, India- 500058.	Rapid Manufacturing Of Mounting Bracket Using Fused Deposition Modelling (FDM)	Komati Raghunath Rao	Abstract		raghunathraok@asl.drdo.in
PLMSS 10	Awani Bhushan, Department Of Mechanical Engineering, I.I.T. (Bhu), Varanasi	Study Of Fracture Parameter For Curved Cracked Bimodular Flexural Specimen Under Application Of Thermal Loading	Awani Bhushan, R. Kumar, S.K. Panda	Abstract	Full paper	awanibhu@gmail.com
PLMSS 11	Pssrk Prasad Armament Res. & Dev. Establishment, Pashan, Pune -411021	Study And Establishment Of Manufacturing Process Of Copper Cone By Cnc Two Roller Flow Forming Machine	Pssrk Prasad, Narendra Kumar, Navneet Verma And Dr. Km Rajan		Full Paper	pssrk.prasad@arde.drdo.in
PLMSS 12	M.K.Sethi Gas Turbine Research & Design Centre, Hal, Koraput, Odisha, India	Influence Of Positioning Of Locking Hole On Structural Integrity Of A HP Turbine Disc In Military Aircraft Engine: A Case Study	L.K.Sahoo, M.K.Sethi , Khs Narayana And Dr. Benudhar Sahoo	Abstract		mksethi1981@gmail.com
PLMSS 13	Mr. Murali Krishna Teki, Sc E Product Support And Productionisation Directorate, Aeronautical	Leveraging PLM For Effective Collaboration Between Design & Service Engineering During Development Phase Of Combat	Mr. Murali Krishna Teki,, Mr. Lavan Kumar Reddy, Mr. Satish Kumar,Dr. P. Selvaraj	Abstract	Full Paper	muraliteki@jetmail.ada.gov.in

		Aircraft				
	Development Agency, P.B.No.1718, Vimanapura Post, Bangalore – 560017, India					
PLMSS 14	Anish K Navalgund Nitte Meenakshi Institute Of Technology, Bengaluru	A New Perspective In Designing A Led Based Sun Simulator	Anish K Navalgund , Anusha Sheth, Shashank Shankar And Veena John	Abstract		anishnaval96@gmail.com
PLMSS 15	Lt Cdr Vikram Singh Faculty Of Mechanical Engineering, Indian Naval Academy, Ezhimala, Kerala – 670310	Corrosion And Life Cycle Management Of Steel Hulled Ships	Lt Cdr Vikram Singh	Abstract	Full Paper	singhvik13@gmail.com vikramnavy86@gmail.com
PLMSS 16	Kumari Asha Advanced Composites Division, Csir-National Aerospace Laboratories, P.B No. 1779, Bangalore, 560017, India	Numerical Approach To Weight Reduction Of A Civil Aircraft Composite Wing	Kumari Asha, N. Lohith And Byji Varughese	Abstract		asha@nal.res.in
PLMSS 17	V. Krishnaprasad Aeronautical Development Agency, Pb No. 1718, Vimanapura Post, Bangalore 560017, India	Fuel Sloshing Studies In An Inverted Flight Compartment Of A Typical Combat Fighter Aircraft	V. Krishnaprasad, L. Sheik Ismail, G. Shankar And Abhishek Patil	Abstract		ismail@jetmail.ada.gov.in
PLMSS 18	Harsh Dashora, Jitendra Kumar Systems Production Area, Isro Satellite Centre, Bangalore	Test Setup Automation For Geo Based Transmitters	Harsh Dashora, Jitendra Kumar, Kamaljeet Singh, Selvi R, Av Nirmal, S V Sharma	Abstract	Full Paper	hkumar@isac.gov.in, jitu@isac.gov.in
PLMSS 19	Smruti Ranjan Panigrahi Systems Production Area, Isro Satellite Centre, Bangalore	Automation Approach For Ease Of Productionization Of C-Band Receiver Packages Of Tt&C Transponders For Isro Missio	Smruti Ranjan Panigrahi, Selvi R., Kamaljeet Singh, A.V Nirmal And Dr. S.V. Sharma	Abstract	full paper	smrutir@isac.gov.in

PLMSS 20	Anant Vashistha Department Of Mechanical And Industrial Engineering Indian Institute Of Technology Roorkee	Innovative Tray Design For User Comfort And Safety	Anant Vashistha, Inderdeep Singh	Abstract		anant1997.ume2015@iitr.ac.in
PLMSS 21	Ashwin G.S Software Quality Assurance Division, Subsystem Quality Assurance Group, Rqa, Isac/Isro	Enforcing The Regulation On Sdlc Process Of Space Borne Software Systems Through Metrics	Ashwin G.S, Prasanna Kumar N, Sudeesh B, Bhanumathy Y.R	Abstract		ashwin@isac.gov.in
PLMSS 22	Shritesh Kumar Garhewal Post Graduate Scholar, Department Of Production Engineering And Industrial Management, College Of Engineering, Pune, India	Using SMED And Simulation To Improve Changeover Process In Production Line	Shritesh Kumar Garhewal, Dr. Rajiv B.	Abstract		shriteshgarhewal@gmail.com
PLMSS 23	Ashakiran Gb, scientist 'E', Ada, Pb No. 1718, Vimanapura Post, Bengaluru 17, Ashakiran@Jetmail.Ada.Gov.In	Framework For Systematic Practices And Integrated Project Team Concepts For Snag Management On A Typical Military Aircraft Testing And Development	Ashakiran Gb, Ashit Kumar, Ravikiran G, And V Subba Rao	Abstract	Full Paper	ashakiranenator@gmail.com
PLMSS 24	Santosh Kumar Department Of Mechanical Engineering, North Eastern Regional Institute Of Science And Technology, Itanagar-791109, Arunachal Pradesh, India	CTS Identification And Design Of Smart Ergonomic Subsystem For Shocker Assembly Line Workforce	Santosh Kumar And M. Muralidhar	Abstract	Full Paper	kumarsantoshchaurasia@gmail
PLMSS 25	Niranjan Sarangi	Experimental Evaluation	Niranjan Sarangi,	Abstract	Full Paper	niranjansarangi@gtre.drdo.in

	Structural Integrity And Mechanical Analysis Group, Gtre, Bangalore – 560093 (India)	Of Structural Integrity of a multistage aero engine rotor	Praveen Kumar, P. Ramesh			
PLMSS 26	G V Venkata Rao	Stiffness Evaluation Of Intermediate Casing With Ball Bearing & Squirrel Cage Damper Configuration Of An Aero Gas Turbine Engine	G.V. Venkata Rao, Praveen Kumar, P.Ramesh	Abstract		venkataraogv45@gmail.com
PLMSS 27	Sanjay Kumar	Practices In Production Of Aerospace Vehicle	Sanjay Kumar	Abstract		kumarsanjay_143@rediffmail.com
PLMSS 28	Anil Mahobia Gas Turbine Research Establishment, C V Raman Nagar, Bangalore, P B 560093, Karnataka, India	Evaluation Of Bird Strike Capability Of Structures And Components Of Military Aircrafts	Rajappa Banger, Rajesh Sundrani, Niranjan Sarangi, P. Ramesh And Anil Mahobia	Abstract		anil.mahobia@gtre.drdo.in
PLMSS 29	Akshaykumar Pujari Department Of Mechanical Engineering, Bmsce Bengaluru, India	Process Modeling Of Cutting Load Effects In Machining A Straight And Curved Wall Geometry" Is Attached Herewith. This Work Befits To The Theme Of Manufacturing Process Concerned With Product Realization	Akshay kumar Pujari, L. Gopinath, S Ravishankar Rudra Naik	Abstract	Full Paper	akshaympujari1994@gmail.com
PLMSS 30	Jayakumar Palanivel Senior Manager, , Plm Practice, Wipro.	Machine Learning Applications In PLM	Jayakumar Palanive, Hemanth Kumar Bathula,	Abstract	Full paper	jayakumar.palanivel@wipro.com
PLMSS 31	Aravinth Rajendran, Senior Consultant, Wipro, Bangalore	Restricted, Secured Access But Ability To Exchange Essential Pdm Data	Aravinth Rajendran	Abstract		aravinth.rajendran@wipro.com
PLMSS 32	Srinivasan Pts, Senior Consultant, Wipro, Bangalore	Platform For Rapid Plm Analytics	Srinivasan Pts	Abstract		srinivasan.pts@wipro.com
PLMSS 33	Rajesh.R	Investigation Of	Rajesh.R,		Full Paper	rajeshpsgtech2012@gmail.com

	Assistant Professor, Department Of Production Engineering, Psg College Of Technology, Coimbatore	Springback Phenomenon In V-Die Bending Of 6061 Aluminum Alloy Sheets Using Finite Element Method And Experiments	Saravanan.S And Karthik .T			
PLMSS 34	Rohit Ramesh Nimje Master Of Technology (Nanotechnology), Vit University Vellore-632014 India	Simulation Of Graphene Nanoribbon Based Rf Transistor	Rohit Ramesh Nimje	Abstract	Full Paper	rohitnimje9@gmail.com
PLMSS 35	Avinash. M Program Management And Systems Group, Isro Satellite Centre, Bangalore	Challenges In Standardising Spacecraft Bus Configuration – A Case Study	Avinash. M, Ravi Chandra Babu. G, Chaitra Rao, S.K.Nagesh, G.Nagesh	Abstract		avinashm@isac.gov.in
PLMSS 36	Purushothamunaidu Ganta Solution Architect At Tech Mahindra, India	Emerging Cad – Plm Relationship	Purushothamunaid u Ganta	Abstract		Deepu.Harris@techmahindra.com
PLMSS 37	Ravi Yendru Solution Architect, Tech Mahindra, India	What Is Plbom And Its Effect In A Seamless Connect With Erp Applications	Ravi Yendru, Syed Ibrahim	Abstract		Ravi.Yendru@TechMahindra.com
PLMSS 38	Ganesh Natarajan Solution Architect At Tech Mahindra, India	Maintaining Customer Specific Product Configurations In Plm	Ganesh Natarajan, Raghuram Dharmapuri	Abstract		ganesh.natarajan@techmahindra.com
PLMSS 39	Sabyasachi Mishra Solution Architect, Tech Mahindra, India	Rapid Cad Migration Approach In Plm	Sabyasachi Mishra		Full Paper	SM00478935@TechMahindra.com
PLMSS 40	Sunil Akunuri Solution Architect, Tech Mahindra, India	Teamcenter Virtualization	Sunil Akunuri	Abstract	Full Paper	sunilbabu.akunuri@techmahindra.com
PLMSS 41	V S M Raju Malla Solution Architect At Tech Mahindra, India	Project Portfolio & Product Data Management	Raju Malla, Sai Saripalli	Abstract		venkatasambamurtyraju.malla@techmahindra.com
PLMSS 42	Avinash Satpathy Solution Architect At Tech Mahindra, India	Guidelines For Secure Data Migrations	Venkata Ramanaiah Nellore, Avinash Satpathy	Abstract	Full Paper	avinash.satpathy@techmahindra.com

PLMSS 43	T Viswanathan Cto, Maxbyte Technologies, Coimbatore, India.	Case Study On Real-Time Production Overall Equipment Efficiency Analytics For Air Conditioner Production System	T Viswanathan, S Krishnakumar, R Velkumar, C S Ramshankar	Abstract	Full Paper	sathishkumar.c@maxbytetech.com
PLMSS 44	K Nitish Pg Student, Psg College Of Technology, Coimbatore, India	Case Study On Remote Monitoring And Diagnostics Analytics Of Ro Water System For Medical Dialysis Process	K Nitish, S Karuppusamy, K Lakshman, C S Ramshanka, T Viswanathan	Abstract	Full paper	sathishkumar.c@maxbytetech.com
PLMSS 45	T Viswanathan Cto, Maxbyte Technologies, Coimbatore, India.	Case Study On Industrial Thermal Energy As A Services Business Model Using Industrial Iot Technology	T Viswanathan, S Krishnakumar, S Karuppusamy, S Sakthivel, R Velkumar, C S Ramshankar	Abstract		sathishkumar.c@maxbytetech.com
PLMSS 46	Rajesh Kumar Scientist, Gas Turbine Research Establishment, Banglore-560093, India	Dynamic Crack Propagation In Gas Turbine Engine Rotating Discs Using Fem Technique	Rajesh Kumar, Rajeev Jain	Abstract		rajeshmbsi@gmail.com
PLMSS 47	H. Brent Baker, Majgen, Usaf (Ret)	Naval Supply Chains In A Connected World	H. Brent Baker, Alexander Daly		Full Paper	araj@ptc.com
PLMSS 48	A.Tony Thomas Department Of Mechatronics, Kongu Engineering College,Perundurai ,Erode-638052	Bondgraph Modelling Of Electro Hydraulic Servo System	A.Tony Thomas, J.Sidharth	Abstract		dec84tony@gmail.com
PLMSS 49	Ashakirangb 1scientist 'E', Ada, Pb No. 1718, Vimanapura Post, Bengaluru 17, Ashakiran@Jetmail.Ada.Gov.In	Programme Management of Indigenous Fighter Aircraft Programme Towards Initial Operational Clearance - A system Engineering Approach	Ashakiran GB, Ashit Kumar, V Subba Rao	Abstract		ashakiran@mail.ada.gov.in
PLMSS 50	Mukund Kannan Artificial Intelligence Competency Head, Tech Mahindra, Bengaluru	Automated Bill of Material creation from CAD/CAM designs	Mukund Kannan, Rana Banerjee	Abstract		RB00477088@TechMahindra.com

PLMSS 51	SHASHANK RAKSHE Junior Research Fellow Department of Mechanical Engineering, Defence Institute of Advanced Technology. (Deemed University), Pune, Maharashtra, India-411025	Geometrical parameter Optimization using Taguchi Optimization Technique for SWJ: A Case Study	S.RAKSHE, S.V. NIMJE and S.K.PANIGRAHI		Full Paper	raksheshashank@gmail.com
PLMSS 52	C.R. Suthikshn Kumar Dept. of Computer Science & Engineering, Defence Institute of Advanced Technology(DIAT), Pune	Modeling and Simulation of Network Security Game	C.R. Suthikshn Kumar		Full paper	suthikshn.kumar@gmail.com
PLMSS 53	Raghuram Dharmapuri Solution Architect at Tech Mahindra, India,	Maintaining Customer Specific Product Configurations in PLM	Ganesh Natarajan , Raghuram Dharmapuri	Abstract	Full Paper	Raghuram.Dharmapuri@techmahindra.com
PLMSS 54	MITHILESH KUMAR DEWANGAN Department of Mechanical Engineering, Defence Institute of Advanced Technology. (Deemed University), Pune, Maharashtra, India-411025.	Study of Composite Armour subjected to Low velocity Impact	Mithilesh kumar Dewangan, S.K.Panigrahi	Abstract	Full paper	mithileshkumardewangan@gmail.com
PLMSS 55	Saurabh Gupta 1DTDF/MFF ISRO Satellite Centre Bengaluru, India, saurabhg@isac.gov.in 2MFF ISRO Satellite Centre, Bengaluru, India, dvg@isac.gov.in	Mass Optimization Of CASS Bracket Through Topology Optimization Techniques	Saurabh Gupta, Venkatagovind Rao D		Full Paper	saurabhg@isac.gov.in
PLMSS 56	Vijayanandh R Assistant Professor Department of Aeronautical Engineering, Kumaraguru College of Technology, Coimbatore, Tamil Nadu, India	CONCEPTUAL DESIGN AND FLUID-SOLID INTERACTION SIMULATION OF MICRO AERIAL VEHICLE FOR HIGH SPEED MISSION	VIjayanandh R, Naveen Kumar R, Raj kumar G, Senthil Kumar M, Ramganesh T	Abstract	Full Paper	vijayanandh.r.aeu@kct.ac.in

PLMSS 57	Shibin charthakudath	Systems driven product development	Shibin charthakudath	Abstract	Full Paper	ajaykumar.pandey@siemens.com
PLMSS 58	Raghavendra Pandeshwar	Digitalisation of simulation Processes	Raghavendra Pandeshwar	Abstract		ajaykumar.pandey@siemens.com
PLMSS 59	Mohd Imran Ansari Department of Mechanical Engineering, DIAT (DU), Pune, Maharashtra, India	Comparative study on surface properties of electroless Ni-P-ZNO and Ni-P deposits on AZ91 alloy	M.I. Ansari D.G. Thakur	Abstract	Full paper	imransarimech@gmail.com
PLMSS 60	Ambuj Saxena Department of Mechanical Engineering, DIAT (DU), Pune, Maharashtra, India	Characterization, modelling and simulation of deformation and fracture behavior of the Armox 500T steel under low strain rate	Ambuj Saxena A. KumaraswamyV emuri Madhu	Abstract	Full paper	ambuj.saxena1@gmail.com
PLMSS 61	Ankit Jha M.Tech Modelling and Simulation(Applied Mathematics), DIAT, Pune	Hand Written Character Recognition Using Convolutional Neural Network-A Comprehensive Review	Ankit Jha Dr.Debasish Pradhan	Abstract		ankitjha16@gmail.com
PLMSS 62	L. Siddharth 1Centre for Product Design and Manufacturing, Indian Institute of Science, Bengaluru,	MODELLING AND STRUCTURING THE KNOWLEDGE OF FAILURES USING DESIGN STRUCTURE MATRIX (DSM) FOR REUSE DURING PRODUCT LIFE-CYCLE	L. Siddharth1 Amaresh Chakrabarti, Prabir Sarkar		Full Paper	siddharthl@iitrpr.ac.in
PLMSS 63	Nootan Indulkar Project Leader, TechMahindra, 128/A, Sanghavi Compound, Chinchwad, Pune – 411019,	DESIGN OF SINGLE PIECE INSTRUMENT PANEL	Nootan Indulkar , Atul Khanapurkar Narasimha Gupta Debiprasad Pradhan, Abhijeet Shirsath, Pritam Mahajan, Santosh Banakar		Full Ppaer	nootan.indulkar@techmahindra.com
PLMSS 64	C K Shibin Siemens Industry Software (India) Private Limited,	DERIVATIVE DESIGN PROCESS FOR AERO ENGINE	C K Shibin, Harsha		Full paper	shibin.charthakudath@siemens.com,

PLMSS 65	Jai singh Research Scholar, Mechanical and Industrial Engineering Deptt., IIT Roorkee-247667	Decision support system for sustainability assessment of assembly in conceptual design	Jai singh , abinash k. swain		Full paper	me.jai41@ymail.co.in
PLMSS 66	KAVIKANT MAHAPATRA DIAT PUNE	EFFECT OF GENERAL BOUNDARY CONDITION ON THE VIBRATION CHARACTERISTICS OF RECTANGULAR PLATE	Kavikant Mahapatra , S K Panigrahi		Full Paper	kavikant1@gmail.com
PLMSS67	MRADUL OJHA	Micromechanical Modelling of Particulate reinforced Metal Matrix Composites	D.G.Thakur Mradul ojha	Abstract		ojhamradul@gmail.com
PLMSS68	Prasanta Bastia	VIBRATION ANALYSIS OF PLATES HAVING VARIABLE THICKNESS	K K Mahapatra, Prasanta Bastia S K Panigrahi	Abstract		bastiaprasanta@gmail.com
PLMSS 69	Manish Kumar Gupta	QUANTITATIVE ESTIMATION OF MANUFACTURABILITY OF PRISMATIC PARTS	Manish Kumar Gupta, Abinash K. Swain P. K. Jain	Abstract	Full Paper	mkg.iitm@gmail.com
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PLMSS 71	Cdr. Manjeet Kumar Tiwari Faculty of Electronics and Communication Engineering, Indian Naval Academy, Ezhimala	SYSTEMS ENGINEERING BASED INTEGRATED ENTERPRISE APPROACH ACROSS COMBAT PLATFORMS	Cdr. Manjeet Kumar Tiwari	Abstract		tiwarimanjeet267@gmail.com
PLMSS 72	Lt Cdr Divyajot Indian Naval Academy, Ezhimala	Analysis of Ships Optimised Hybrid Power System	Lt Cdr Divyajot	Abstract		divyajot22@gmail.com
PLMSS 73	Subhankar Sikder DIAT Pune	A NUMERICAL APPROCH TO INVESTIGATE THE TEMPERATURE DISTRIBUTION ON AMOURPHOS RIBBON SURFACE DURING ANNEALING	Subhankar Sikder Ashutosh C Abhyankar	Abstract		subhankar1490@gmail.com
PLMSS 74	Arun Kumar Singh CPDM, Indian Institute	EMPTY SPACE MODELLING USING	Arun Kumar Singh, B. Gurumoorthy and Latha Christie		Full Paper	arunsingh_aks@yahoo.com

	of Science (IISc), Bangalore - 560012, India	PRIMITIVE SHAPES AND ASSOCIATED CONSTRAINTS FOR DETECTING SPATIAL CONFLICTS ACROSS MULTIPLE DESIGN DOMAINS				
PLMSS 75	Pranav S Oak	Ballistic Impact of Projectile on Targets & its applications in Armour technology	Pranav S. Oak, Dr. R. N. Pralhad	Abstract		pranav_mam16@diat.ac.in
PLMSS 76	Raghavendra Pandeshwar, C K Shibin Siemens Industry Software (India) Private Limited	Digitalization of Simulation Processes	Raghavendra Pandeshwar, C K Shibin	Abstract		raghavendra.pandeshwar@siemens.com shibin.charthakudath@siemens.com