

LIST OF PAPERS ACCEPTED FOR PUBLICATION AND ORAL PRESENTATION

MANU SCRIP T ID	AUTHOR SUBMITTED WITH AFFILIATION	TITLE OF THE PAPER	ALL AUTHORS NAME	EMAIL ID	Submissio ns
PLMSS 17/02	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	raghunandan@jetmail.ad a.gov.in	FEES, CRP,CF, CV,
PLMSS 17/03	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	msenthil.iitm@gmail.co m	CRP CF
PLMSS 17/04	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	sharad@jetmail.ada.gov.i n	
PLMSS 17/05	Shyni Thomas,Sc.'F,Ada,	ELECTRICAL MODELING OF COMBAT AIRCRAFT	Shyni Thomas, Udaya Kumar Prabhulla Chandranv.K	shynithomas@jetmail.ad a.gov.in	

		ZONING OF AIRCRAFT FOR LIGHTNING STUDY USING MODELING AND SIMULATION			
PLMSS 17/06	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	degaonkarr15.pm@coep .ac.in	
PLMSS 17/07	V. Pavan Kumar Scientist-C, Asl, Defence Research And Development Organization, Hyderabad, India	INTERNET OF THINGS: TECHNOLOGY LED TRANSFORMATION IN HEALTH SECTOR	V. Pavan Kumar, G. Kavitha, M. Parvathi	pavan.572@gmail.com	CRP CV CF
PLMSS 17/08	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	pavan.572@gmail.com	
PLMSS 17/10	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	awanibhu@gmail.com	FEES CRP CF

PLMSS 17/11	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	pssrk.prasad@arde.drdo.i n	
PLMSS 17/13	<u>Mr. Murali Krishna Teki, Sc E</u> Product Support And Productionisation Directorate, Aeronautical Development Agency, P.B.No.1718, Vimanapura Post, Bangalore – 560017, India	LEVERAGING PLM FOR EFFECTIVE COLLABORATION BETWEEN DESIGN & SERVICE ENGINEERING DURING DEVELOPMENT PHASE OF COMBAT AIRCRAFT	Mr. Murali Krishna Teki,, Mr. Lavan Kumar Reddy, Mr. Satish Kumar,Dr. P. Selvaraj	muraliteki@jetmail.ada.g ov.in	CRP CF CV
PLMSS 17/15	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	singhvik13@gmail.com vikramnavy86@gmail.co m	
PLMSS 17/16	<u>Kumari Asha</u> 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	asha@nal.res.in	CRP CF CV
PLMSS 17/18	Harsh Dashora, Jitendra Kumar Systems Production	TEST SETUP AUTOMATION FOR GEO BASED TRANSMITTERS	Harsh Dashora, Jitendra Kumar,	hkumar@isac.gov.in, jitu@isac.gov.in	

	Area, Isro Satellite Centre, Bangalore		Kamaljeet Singh, Selvi R, Av Nirmal, S V Sharma		
PLMSS 17/19	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	smrutir@isac.gov.in	CRP CF
PLMSS 17/23	Ashakiran Gb, scientist 'E', Ada, Pb No. 1718, Vimanapura Post, Bengaluru 17, Ashakiran@Jetmail.Ada.Go v.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	ashakiranenator@gmail.c om	CRP CF CV
PLMSS 17/24	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	kumarsantoshchaurasia@ gmail	CRP CF
PLMSS 17/25	Niranjan Sarangi Structural Integrity And Mechanical Analysis Group,	EXPERIMENTAL EVALUATION OF STRUCTURAL INTEGRITY OF A MULTISTAGE AERO ENGINE ROTOR	Niranjan Sarangi, Praveen Kumar, P. Ramesh	niranjansarangi@gtre.drd o.in	

	Gtre, Bangalore – 560093 (India)				
PLMSS 17/29	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	akshaympujari1994@gm ail.com	FEES CRP CF
PLMSS 17/30	Jayakumar Palanivel Senior Manager, , Plm Practice, Wipro.	MACHINE LEARNING APPLICATIONS IN PLM	Jayakumar Palanive, Hemanth Kumar Bathula,	jayakumar.palanivel@wi pro.com	
PLMSS 17/33	Rajesh.R Assistant Professor, Department Of Production Engineering, Psg College Of Technology, Coimbatore	INVESTIGATION OF SPRINGBACK PHENOMENON IN V-DIE BENDING OF 6061 ALUMINUM ALLOY SHEETS USING FINITE ELEMENT METHOD AND EXPERIMENTS	Rajesh.R, Saravanan.S And Karthik .T	rajeshpsgtech2012@gma il.com	FEES
PLMSS 17/34	Rohit Ramesh Nimje Master Of Technology (Nanotechnology), Vit University Vellore- 632014 India	SIMULATION OF GRAPHENE NANORIBBON BASED RF TRANSISTOR	Rohit Ramesh Nimje	rohitnimje9@gmail.com	

PLMSS 17/35	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	avinashm@isac.gov.in	FEES CRP CF
PLMSS 17/39	Sabyasachi Mishra Solution Architect, Tech Mahindra, India	RAPID CAD MIGRATION APPROACH IN PLM	Sabyasachi Mishra	SM00478935@TechMah indra.com	
PLMSS 17/40	Sunil Akunuri Solution Architect, Tech Mahindra, India	TEAMCENTER VIRTUALIZATION	Sunil Akunuri	sunilbabu.akunuri@tech mahindra.com	
PLMSS 17/42	Avinash Satpathy Solution Architect At Tech Mahindra, India	GUIDELINES FOR SECURE DATA MIGRATIONS	Venkata Ramanaiah Nellore, Avinash Satpathy	avinash.satpathy@techm ahindra.com	
PLMSS 17/43	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	sathishkumar.c@maxbyt etech.com	CRP
PLMSS 17/47	H. Brent Baker, Majgen, Usaf (Ret)	NAVAL SUPPLY CHAINS IN A CONNECTED WORLD	H. Brent Baker, Alexander Daly	araj@ptc.com	
PLMSS 17/51	SHASHANK RAKSHE Junior Research Fellow Department of Mechanical Engineering, Defence	GEOMETRICAL PARAMETER OPTIMIZATION USING TAGUCHI	S.RAKSHE, S.V. NIMJE and S.K.PANIGRAHI	raksheshashank@gmail.c om	CRP CF CV

	Institute of Advanced Technology. (Deemed University), Pune, Maharashtra, India-411025	OPTIMIZATION TECHNIQUE FOR SWJ: A CASE STUDY			
PLMSS 17/52	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	suthikshn.kumar@gmail.com	
PLMSS 17/53	Raghuram Dharmapuri Solution Architect at Tech Mahindra, India,	MAINTAINING CUSTOMER SPECIFIC PRODUCT CONFIGURATIONS IN PLM	Ganesh Natarajan , Raghuram Dharmapuri	Raghuram.Dharmapuri@techmahindra.com	
PLMSS 17/54	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	mithileshkumardewangan@gmail.com	CRP CF CV
PLMSS 17/55	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	saurabhg@isac.gov.in	CF
PLMSS 17/56	Vijayanandh R Assistant Professor	CONCEPTUAL DESIGN AND FLUID-SOLID INTERACTION SIMULATION OF	Vijayanandh R, Naveen Kumar R,	vijayanandh.r.aeu@kct.ac.in	

	Department of Aeronautical Engineering, Kumaraguru College of Technology, Coimbatore, Tamil Nadu, India	MICRO AERIAL VEHICLE FOR HIGH SPEED MISSION	Raj kumar G, Senthil Kumar M, Ramganesht T		
PLMSS 17/57	Shibin charthakudath	SYSTEMS DRIVEN PRODUCT DEVELOPMENT	Shibin charthakudath	ajaykumar.pandey@siemens.com	CRP CF CV
PLMSS 17/58	Raghavendra Pandeshwar	DIGITALISATION OF SIMULATION PROCESSES	Raghavendra Pandeshwar	ajaykumar.pandey@siemens.com	CRP CF CV
PLMSS 17/59	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	imransarimech@gmail.com	CRP CF CV
PLMSS 17/60	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	ambuj.saxena1@gmail.com	CRP CF CV
PLMSS 17/62	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. Siddharth Amaresh Chakrabarti, Prabir Sarkar	siddharthl@iitrpr.ac.in	FEES CRP CF CV
PLMSS 17/63	Nootan Indulkar Project Leader, TechMahindra, 128/A, Sanghavi Compound, Chinchwad, Pune – 411019,	DESIGN OF SINGLE PIECE INSTRUMENT PANEL	Nootan Indulkar , Atul Khanapurkar Narasimha Gupta	nootan.indulkar@techmahindra.com	

			Debiprasad Pradhan, Abhijeet Shirsath, Pritam Mahajan, Santosh Banakar		
PLMSS 17/64	C K Shibin Siemens Industry Software (India) Private Limited,	DERIVATIVE DESIGN PROCESS FOR AERO ENGINE	C K Shibin, Harsha	shibin.charthakudath@siemens.com,	CRP CF CV
PLMSS 17/65	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	me.jai41@gmail.com	FEES
PLMSS 17/66	KAVIKANT MAHAPATRA DIAT PUNE	EFFECT OF GENERAL BOUNDARY CONDITION ON THE VIBRATION CHARACTERISTICS OF RECTANGULAR PLATE	Kavikant Mahapatra , S K Panigrahi	kavikant1@gmail.com	FEES CRP CF
PLMSS 17/69	Manish Kumar Gupta	QUANTITATIVE ESTIMATION OF MANUFACTURABILITY OF PRISMATIC PARTS	Manish Kumar Gupta, Abinash K. Swain P. K. Jain	mkg.iitm@gmail.com	
PLMSS 17/71	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	tiwarimanjeet267@gmail.com	FEES CRP
PLMSS 17/72	Lt Cdr Divyajot Indian Naval Academy, Ezhimala	ANALYSIS OF SHIPS OPTIMISED HYBRID POWER SYSTEM	Lt Cdr Divyajot	divyajot22@gmail.com	FEES CRP
PLMSS 17/74	Arun Kumar Singh CPDM, Indian Institute of Science (IISc), Bangalore - 560012, India	EMPTY SPACE MODELLING USING PRIMITIVE SHAPES AND ASSOCIATED CONSTRAINTS FOR DETECTING	Arun Kumar Singh, B. Gurumoorthy and Latha Christie	arunsingh_aks@yahoo.com	

		SPATIAL CONFLICTS ACROSS MULTIPLE DESIGN DOMAINS			
PLMSS 17/76	K N PANDEY Professor, Department of Mechanical Engineering, MN NIT Allahabad (India),	Effect of deep cryogenic treatment on wear properties of bearing material AISI 440C	K.N.Pandey and Prasant Gautam	knpandey@mnnit.ac.in	
PLMSS 17/77	B. Damayanthi Jesudas PhD Student, PLM Lab, CPDM, IISc, Bangalore	SEMANTIC INTEROPERABILITY ISSUES – AN INTROSPECTION	B. Damayanthi Jesudas, B. Gurumoorthy	damayanthib@iisc.ac.in	
PLMSS 17/78	Abhishek Soni DIAT	Three-Dimensional, Non-Linear Finite Element Analysis of Bullet Penetration through Thin AISI 4340 Steel Target Plate	Abhishek Soni, A. Kumaraswamy	aaabhisheksoni2@gmail.com	FEES CRP CF CV
PLMSS 17/79	B.Damayanthi Jesudas PhD Student, PLM Lab, CPDM, IISc, Bangalore	COMBINING ONTOLOGIES FOR MANUFACTURING INFORMATION IN THE AIRCRAFT DOMAIN	B. Damayanthi Jesudas, Madhusudanan N B. Gurumoorthy	damayanthib@iisc.ac.in	
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