

## National/International Journal/Conference Publication

| Sr No. | Publication Details   |
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| 01     | D N Jadhav and S K Maiti “Characterization of stable crack growth through AISI 4340 steel using cohesive zone modeling and CTOD/CTOA criterion”, Nuclear Engineering and Design 240 (2010) 713–721.   |
| 02     | D N Jadhav and S K Maiti “On mixed mode stable crack growth through AISI 4340 steel and 2024 T3 aluminum alloy in terms of CTOD/CTOA” in the international conference International Congress on Fracture 12-2009, being held at Ottawa Canada, between 12-17 July 2009.                                   |
| 03     | D N Jadhav and S K Maiti “Study of Stable Crack Growth through AISI 4340 steel using CTOD/CTOA fracture criterion” in INDO-RUSSIA Workshop on ‘Topical problems in Solid Mechanics’ being held at BITS Pillani Goa, between 11-14 Nov 2008  |
| 4      | D N Jadhav and S K Maiti “ Characterization of AISI 4340 steel using Cohesive model in model SGC and comparison with CTOD model” in the international conference Interquadrennial Conference of International congress on Fracture 2008 (IQCICF2008) being held at IISc Bangalore between 3-7 August 2008 |
| 5      | S.S. Kulkarni and D. N. Jadhav ; “Passive Control Systems for Tall structures”; International Journal of Theoretical and Applied Research in Mechanical Engineering, ISSN (Print) 2319-3182, 2012.  |
| 6      | S.S. Kulkarni and D. N. Jadhav; “Wind Induced Vibrations of Tall Steel chimney”; International Journal of Mechanical Engineering Research, Vol. 3, No.1, ISSN 2249-0019, 2013.  |
| 7      | Nilesh Aitawade and D. N. Jadhav; “Design and Analysis of Single Plate Blast Resistant Door”; International Conference on Advanced Engineering and Technology (ICAET), ISBN: 987-93-81693-99-1, 2012.   |
| 8      | Sanket Choudhari and D. N. Jadhav; ‘A Suggested stress analysis procedure for nozzle to head shell element model – a case study’; International Journal of Theoretical and Applied Research in Mechanical Engineering; ISSN (Print) 2319-3182; 2012.  |
| 9      | Swapnil Marwadi and D. N. Jadhav; “LEFM analysis of edged crack plate using analytical and FEA approach”; International Conference on Mechanical and Industrial Engineering (ICMIE) (ISBN:978-93-81693-88-2), 2012.   |
| 10     | Swapnil Marwadi and D. N. Jadhav; “Investigating the effect of distance between the crack and structural discontinuity using finite element analysis”; International Journal of Advances in Engineering Science and Technology(IJAEST)(ISSN 2249-913X) 2012.  |
| 11     | Swapnil Marwadi and D. N. Jadhav; “ LEFM analysis of edged crack plate using analytical and FEA approach” ; International Journal of Theoretical and Applied Research in Mechanical Engineering [ISSN (Print) 2319- 3182]. 2012.  |
| 12     | Akshay Ravande, Prof. D N Jadhav and Dr. Tansen Chaudhari; “Numerical Analysis Of Ball Valve Performance For Coefficient Of Flow”; International Journal on Theoretical and Applied Research in Mechanical Engineering (IJTARME) V-5 No.2 [ISSN (Print): 2319-3182]. 2016.                                |
| 13     | Romil Khawal, Prof. D N Jadhav and Dr. Tansen Chaudhari; “Flow coefficient value calculation using CFD analysis for needle valve”; International Journal on Theoretical and Applied Research in Mechanical Engineering (IJTARME) V-5 No.2 [ISSN (Print): 2319-3182]. 2016.                                |

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| 14 | Romil Khowal, Prof. D N Jadhav and Dr. Tansen Chaudhari; “Numerical Simulation and Experimental Validation of Instrumentation Needle valve”; International conference (NAFEMS 3D) held at Bangalore on 29th to 31st August 2016.  |
| 15 | Vishal Payghan, D. N. Jadhav, G. Y. Savant and Sagar Bharadwaj; “Design & Analysis of Steam Drum based on ASME Boiler and Pressure Vessel Code Section VIII Div. 2 & Div. 3”; International Conference on Mechanical Engineering Design 2016 25-26 April 2016 SSN College of Engineering , Chennai and published in Journal of Applied Mechanics & Materials, Trans Tech Publication ,Switzerland (ISSN 1660-9336). |
| 16 | Sandeep kade, D N Jadhav and P V Varde; “SAC305 And 60Sn40Pb Solder Joint Temperature Fatigue Life Cycle Reliability Assessment”; National conference on recent trends in mechanical engineering (NCRTME 2016), WCE, Sangli, ISBN 978-81-93154-62-5.  |
| 17 | Ashish Vajir, Dattatray Jadhav, Ritesh Jain; “Analytical and Numerical Analysis of Composite Material Storage Tank under Seismic Loading”; International Journal of Mechanical Engineering (SSRG-IJME), ISSN: 2348-8360, vol. 4 Issue5-May 2017.  |
| 18 | Pravinkumar Patil, D.N.Jadhav, S.C. Bharadwaj, G.Y. Sawant; “Finite Element Analysis of Heat Exchanger with NTIW Tubesheet”; International Conference on Mechanical and Production Engineering, (organised by South Asian Research Centre); 23/07/2017.   |
| 19 | Dhiraj Sahane, D. N. Jadhav and Mallikarjun; “ Local Load Analysis of Nozzle for FRP Pressure Vessels”; International Conference on Composite Materials and Structures- ICCMS 2017, IIT Hyderabad, 27-29 December 2017.   |
| 20 | Chinmay Manekar, D. N. Jadhav, Murli Mohan; “ Fatigue Analysis of Coke Drum Hot Box’; Published in International Conference on Mechanical and Production Engineering (ICMAPE0, held on 23/07/2017.  |
| 21 | Rohit B. Wakchaure, D.N. Jadhav, S.K. Gupta and Suranjit Kumar; “Evaluation of $\eta_{pl}$ for Circumferential through Wall Cracked Bi-metallic Weld Pipes by FEA”; Journal of Material Science and Mechanical Engineering (JMSME); p-ISSN: 2393-9095, e-ISSN: 2393-9109; Volume 4, Issue3; Apr-June 2017, pp. 154-159.   |