

LIST OF PUBLICATIONS

INTERNATIONAL JOURNALS

1. **Anburaj, J.**, Mohamed Nazirudeen, S.S., Narayanan, R. Anandavel, B. and Chandrasekar, A. “Ageing of forged superaustenitic stainless steel: Precipitate phases and mechanical properties”, Mater. Sci. Engg. A 535, pp. 99-107, 2011.
2. **Anburaj, J.**, Chandrasekar, A., Mohamed Nazirudeen, S.S., Narayanan, R., Kumaravel, M. and Anandavel, B. “ Effect of solution-annealing on structure and properties of high Mo super-austenitic stainless steel castings”, International Journal of Cast Metals Research, Published 19th July, 2012.
3. Chandrasekar, A., **Anburaj, J.**, Narayanan, R., Balusamy, V. and Mohamed Nazirudeen, S.S. “Solubility of nitrogen in superaustenitic stainless steels during air induction melting”, Journal of Materials Engineering and Performance, Manuscript ID: JMPEP-12-01-3337. (Accepted for publication).
4. **Anburaj, J.**, Balakrishnan, B., Anandavel, R., Narayanan and Mohamed Nazirudeen, S.S. “Influence of intermetallic precipitates on pitting corrosion of high Mo superaustenitic stainless steel”, Corrosion Science, CORSCI-D-12-00571 (Under review).

NATIONAL JOURNALS

5. **Anburaj, J.**, Naveenkumar, N., Mohamed Nazirudeen, S.S., Mahesh Kumar and Kavimani, P. “Metallurgical studies of cast super-austenitic stainless steel (CSASS)”, Technology Journal, Vol. 7, No.2, pp.26-31, 2011.
6. **Anburaj, J.**, Chandrasekar, A., Anandavel, B., Narayanan, R. and Mohamed Nazirudeen, S.S. “A study on melting practice of high N Superaustenitic Stainless Steels using conventional induction melting technique”, Indian Foundry Journal, Vol. 58, No.5, pp. 31-38, 2012.

7. Chandrasekar, A., **Anburaj, J.**, Balusamy, V., Mohamed Nazirudeen, S.S. and Anandavel, B. "A Weldability of superaustenitic stainless steel using SMAW and GTAW processes, Technology Journal, Vol.8, pp.82-87, 2012.

INTERNATIONAL CONFERENCES

8. **Anburaj, J.** and Mohamed Nazirudeen, S.S. "A corrosion study on cast super austenitic stainless steels using potentiodynamic anodic polarization", in the oral session at the 64th NMD and Annual Technical Meeting of the India Institute of Metals (IIM) held at IISc, Bangalore during 15th -16th November 2010.
9. **Anburaj, J.** and Mohamed Nazirudeen, S.S. and Chandrasekar, A. "A study on micro segregation and hot cracking susceptibility in the welding of super austenitic stainless steels steel (SASS) using SMAW and GTAW processes", at the Cutting Welding and Surfacing (CWS - 2011), held at Coimbatore during 22-23 January 2011, India.
10. **Anburaj, J.** and Mohamed Nazirudeen, S.S. Pitting resistance of high-Mo cast superaustenitic stainless steels in Chloride media", at the RAMP-2011, held at PSG College of Technology, Coimbatore during 23-24 December, 2011.