

CURRICULUM VITAE

PERSIONAL INFORMATION

Name : Ajit Kumar Pramanick

Present Position : Assistant Professor

Address : Forge Technology Department
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Date of Birth : 19-03-1982

Nationality : Indian

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EDUCATIONAL QUALIFICATION

2017 : **Ph.D.** in Metallurgical Engineering
Jadavpur University, Kolkata, India
Dissertation: Development and Characterizations of Weld Metal for
Improved Performance of Armour Steel Plate Joint

2007 : **Masters of Technology** in Industrial Metallurgy
Indian Institute of Technology Roorkee, India

2005 : **BTech in Mechanical Engineering**
Kalyani Gvot. Engineering College, Nadia, India

INTERNATIONAL JOURNAL PUBLICATIONS

1. P. K. Ghosh, K. Devkumaran and **A. K. Pramanick**, “**Effect of Pulse Current on Shrinkage Stress and Distortion in Multipass GMA Welds of Different Groove Sizes**”, Welding Journal, March 2010, pp 43 – 53.
2. **A.K. Pramanick**, H. Das, G.M. Reddy, M. Ghosh, G. Das, S. Nandy, T.K. Pal, “**Development and design of microstructure based coated electrode for ballistic performance of shielded metal arc welded armour steel joints**” Materials and Design 103 (2016) 52–62.
3. **A. K. Pramanick**, H. Das, S. Nandy and T. K. Pal, “**Characterization of Microstructure and Nonmetallic Inclusions of Double V Grooved Armour Steel Weld Metal through Developed Coated Electrode**”, Trans Indian Inst Met, 2016, pp. 1 – 13 (DOI 10.1007/s12666-016-0961-1).
4. **A K Pramanick**, H Das, G M Reddy, M Ghosh, S Nandy and T K Pal, “**Effect of Bainitic Microstructure on Ballistic Performance of Armour Steel Weld Metal Using Developed High Ni-Coated Electrode**”, Journal of Materials Engineering and Performance, (DOI: 10.1007/s11665-018-3272-3).
5. “**Development of New Coated Electrode with Low Nickel content for Welding Ductile Iron and Its Response to Austempering**” International Journal of Minerals, Metallurgy and Materials

NATIONAL JOURNAL PUBLICATION

1. **Ajit Kumar Pramanick**, Suman Modak and Tapan Kumar Pal, “**Effect of different oxide fluxes on the penetration depth, microstructure and corrosion behaviour of austenitic stainless steel in A-TIG welding**” Indian Welding Journal, Vol. 46 No. 1, Jan. 2013, pp. 40 – 49.
2. Tapan Sarkar, **Ajit Kumar Pramanick** and Tapan Kumar Pal, “**Some Aspects on the Welding Characteristics and Formation of Microstructures in a Newly Developed Coated Electrode for Austempered Ductile Iron (ADI)**” Indian Welding Journal, Vol. 48: No. 4, Oct., 2015, pp. 40 – 49.

INTERNATIONAL AND NATIONAL CONFERENCES

1. **Ajit Kumar Pramanick** and Tapan Kumar Pal, “**Micro –Structural Development in Weld Metal for High Performance Armour Steel Plate using Coated Electrode**” International Welding Symposium (IWS 2K12), Oct. 30 – Nov. 01, 2012.
2. Tapan Sarkar, **Ajit Kumar Pramanick** and Tapan Kumar Pal “**Development of SMAW electrode for austempered ductile iron and its response to austempering**”, International Welding Symposium (IWS-2K14), 28 - 30. October 2014, Mumbai.
3. **A. K. Pramanick**, S. Nandy, G. M. Reddy and T. K. Pal, “**Ballistic Performance of High Performance Armour Steel Weld Metal using Developed Coated Electrode**” National Welding Seminar (NWS 2015), Dec., 9th – 11th, 2015.
4. **A. K. Pramanick**, H Das, G M Reddy and T K Pal, “**Effect of Ni on Microstructure and Mechanical Properties of Weld Metal for Armour Steel Plate Joint using Coated Electrode**”, National Welding Seminar (NWS 2016), Dec., 15th – 17th, 2016.
5. **A K Pramanick**, G M Reddy and T K Pal, “**Effect of retained austenite on Ballistic Performance of developed weld metals in armour steel plate joints**” 5th International Congress of the International Institute of Welding, December 7 – 9, 2017, Chennai Trade Centre Nandambakkam, Chennai.
6. S. K. Sen, **A. K. Pramanick**, P Talukdar, S K Dhua, S Shah, D Mukherjee and S Mishra, “**Trend in Production of Reinforcement Steel Bars and Their Properties**” Asia Steel International Conference 2018, February 6 – 9, 2018, Odhisa, India

REFRESHERS COURSES AND WORKSHOPS

1. Participated in UGC Sponsored Refreshers Course in the Subject “**Reliability, Availability and Maintainability (RAM) Engineering in Industries**” from 22. 06. 2009 to 11. 07. 2009 at UGC – Academic Staff College, Jadavpur University, Kolkata.

2. Participated in the course on “**Welding Metallurgy, Technology and Quality Assurance (WMTQA 2009)**” held at Jadavpur University, Kolkata by The Indian Institute of Welding, Kolkata Branch, during 8th – 9th December, 2009.
3. Participated in UGC Sponsored Refreshers Course in the Subject “**Soft Computing Application In Decision Technology**” from 28. 06. 2010 to 17. 07. 2010 at UGC – Academic Staff College, Jadavpur University, Kolkata.
4. Participated in the one day workshop on “**Constraints Management**” held at Jadavpur University, Kolkata by Production Engineering Department, on 18th June, 2011.
5. Participated in UGC Sponsored Refreshers Course in the Subject “**Inner Engineering: Opportunities & Challenge**” from 18. 06. 2012 to 7. 07. 2012 at UGC – Academic Staff College, Jadavpur University, Kolkata.
6. Participated in workshop on “**ISTE Workshop for Coordinators on Engineering Mechanics**” held at IIT – Bombay, Mumbai by Civil Engineering Department, on 18th Sep. – 22 Sep., 2013.
7. Participated in the Workshop – cum – Training Programme on “**Advanced Materials Processing & Characterization (WAMPC – 2017)**” held at CSIR – CMERI, Durgapur by CSIR – CMERI, Durgapur during 7th – 8th September, 2017.

AWARD

Best paper publication award for the year of 2016 given by IIM – Ranchi Chapter on 5th November, 2017