

2017-18

Journal publications :

1. Anupam Agnihotri, "Recycling: Solution for Sustainable Indian Aluminium Demand", *Minerals & Metals Review*; XLIII, 52-55, 2017
2. Mohamed Najar and Mukesh Chaddha, "Development of Green Building Materials from Aluminium Industrial Rejects Geopolymerization", *Minerals & Metals Review*; XLIII, (1), 108-112, 2017.
3. Mohamed Najar, "Rapid Analysis of Available Alumina and Reactive Silica in Bauxite", *Minerals & Metals Review*; XLIII, (1), 99-100, 2017.
4. Upendra Singh, "Strategic Rare Earth Metals in Indian Red Mud – Recovery Perspective", *Minerals & Metals Review*; XLIII, (1), 70-71, 2017.
5. Pravin G Bhukte, S P Puttewar and A Agnihotri, "Saprolite as a Potential Material for Refractory Industry", *Minerals & Metals Review*; XLIII, (1), 113, 2017.
6. P Mahendiran, "Friction Stir Welding of Aluminium Alloys", *Minerals & Metals Review*; XLIII, (1), 105-107, 2017.
7. P G Bhukte, S P Puttewar & A Agnihotri, "Evaluation and Beneficiation of Lateritic Bauxite Deposits of India", *Journal of Geosciences Research*; Vol. No 1, pp 251-256, 2017.
8. Suchita B Rai, K L Wasewar, A Agnihotri, "Treatment of Alumina Refinery Waste (red mud) through Neutralization Techniques: A Review", *Waste Management and Research*; Vol 35, pp 563-580, 2017.
9. Priyanka Nayar, M G Dong, M I Sayyed, G Lakshinarayana, M Celikbilek Ersundu, A E Ersundu, M A Mahdi, "Investigation of Gamma Radiation Shielding Properties of Lithium Zinc Bismuth Borate Glasses using XCOM Program and MCNP5 code", *Journal of Non Crystalline Solids*; Vol 468, pp 12-16, 2017.
10. Mohamed Najar, Shama Wadsariya, Numanuddin Azad, Paresh Nageshwar, Kiran Janbandhu, Pravin Bhukte, Suresh P Puttewar and Anupam Agnihotri, "Utilization of Industry Rejects: Application of Green Process Routes for Beneficiation of Iron and Preparation of Building Materials", *J Indian Geological Congress*, 9 (2), 40-43, 2017
11. Pravin Bhukte, S P Puttewar, G Daware, A Agnihotri and G P Thakre, "Status of Laterite Bauxite Deposits of India for Non Metallurgical Applications", *J Indian Geological Congress*, 9(2), 71-79, 2017

Conference publications :

12. Synthesis and properties of inorganic polymers derived from industrial wastes; Kishore Kulkarni, Mohamed Najar P A, Mukesh Chaddha and Anupam Agnihotri. National Seminar on Geopolymer an Innovative technology in Civil Engineering Materials (GITCE), Christ University, Bangalore, February 24-25, 2017
13. Effect of molar concentration of alkali activators on strength of geopolymetric bricks; Shama Wadsariya, Vishakha V Sakhare, Numanuddin Azad, Mohamed Najar P A, Mukesh Chaddha, Kiran Janbandhu, P G Bhukte, S P Puttewar and Anupam Agnihotri. National Seminar on Geopolymer an Innovative technology in Civil Engineering Materials (GITCE), Christ University, Bangalore, February 24-25, 2017

14. *Physical Characteristics of geopolymeric building materials derived from mix designs comprising various industrial rejects; Numanuddin Azad, Vishakha V Sakhare, Shama Wadsariya, Mohamed Najar P A, Mukesh Chaddha, K R Rao, P G Bhukte, S P Puttewar and Anupam Agnihotri. National Seminar on Geopolymer an Innovative technology in Civil Engineering Materials (GITCE), Christ University, Bangalore, February 24-25, 2017*
15. *Value addition and utilization of wastes- Aluminium Industry; Upendra Singh, M S Ansari, S P Puttewar, K Janbandhu, D R Meshram and A Agnihotri, International Conference on "Integrated Solid Waste Management Practice in Developing Countries-2017", CSIR-NEERI, Nagpur, April 11-12, 2017*
16. *Instrument for onsite measurement of Liquidus and Operating temperature of Aluminium Electrolysis Bath, A Agnihotri, R J Sharma, V K Jha and B Patra. 21st International Conference on Non-ferrous Minerals and Metals -2017, Hotel Shangri-la Eros, New Delhi, July 7-8, 2017*
17. *Detoxification of SPL by Destroying Leachable Cynaide; Manoj T Nimje, Mohamed Najar, Anupam Agnihotri, Binuta Patra. 21st International Conference on Non-ferrous Minerals and Metals -2017, Hotel Shangri-la Eros, New Delhi, July 7-8, 2017*
18. *Inducement of Rapid Analysis for Determination of Reactive Silica and Available Alumina in Bauxite; Mohamed Najar P A, Shama Wadsariya, Paresh Nageshwar, Kiran Janbandhu, K R Rao, Suresh Puttewar, and Anupam Agnihotri. 21st International Conference on Non-ferrous Minerals and Metals -2017, Hotel Shangri-la Eros, New Delhi, July 7-8, 2017*
19. *A Process for Development of Refractory Aggregate from Sapolite; Pravin Bhukte, G Daware, S P Puttewar, M T Nimje, A Gijare K Janbandhu, and A Agnihotri. 21st International Conference on Non-ferrous Minerals and Metals -2017, Hotel Shangri-la Eros, New Delhi, July 7-8, 2017*
20. *Utilization of Waste Aluminium Dross as refractory Material; Upendra Singh, M S Ansari, D R Meshram, S P Puttewar and Anupam Agnihotri. 21st International Conference on Non-ferrous Minerals and Metals -2017, Hotel Shangri-la Eros, New Delhi, July 7-8, 2017*
21. *Assessment of Physical and Chemical Characteristics of Geopolymeric Building Materials Developed from Steel Industry Rejects; P A Mohamed Najar, Numanuddin Azad, Shama Wadsariya, S P Puttewar and A Agnihotri; NMD-ATM 2017, BITS Pilani Campus, Goa*
22. *Development of Sustainable Construction Materials; Value Addition and Utilization of Industrial Rejects for Resource Augmentation; P A Mohamed Najar, Numanuddin Azad, P G Bhukte, M J Chaddha, S P Puttewar and A Agnihotri. International Conference on Mining Industry Vision 2030 and Beyond, MEAI, Nagpur, 2017*
23. *Processing of Bauxite Mine Wastes for Value Added Products; Pravin G Bhukte, P A Mohamed Najar, G Daware, S P Puttewar and A Agnihotri. International Conference on Mining Industry Vision 2030 and Beyond, MEAI, Nagpur, 2017*
24. *Port Hole Die Design by Numerical Simulations for Aluminium Extrusion; V N S U V Ammu; International Conference and Exhibition ALEX 2017 at Nehru Centre Worli, Mumbai, India, October 5-6, 2017*
25. *Effective Use of Fly Ash Binder: Preparation of Vetrified and Non-vetrified Structural Materials from Industry Rejects; P A Mohamed Najar, Numanuddin Azad, International Conference of Fly Ash Utilization, Green Ashcon-2017, December 15-16, 2017, Nagpur*
26. *Recovery of Silica from Coal Fly Ash (CFA); M T Nimje, Suchita Rai, V K Jha, S U Bagde, Anamika Burile and Anupam Agnihotri .International Conference of Fly Ash Utilization, Green Ashcon-2017, December 15-16, 2017, Nagpur*

27. *Processing of Bauxite Mine Wastes for Value Added Products; Pravin G Bhukte, Mohamed Najar, G Daware, S P Puttewar, and A Agnihotri; International Conference and Expo on MINING INDUSTRY VISION 2030 & BEYOND, December 6-8, 2017, Nagpur Organised by IMEA, PP322*
28. *Indigenization-Opportunities & Challenges for Aluminium Industry; R N Chouhan, P R Dungore; Ancillary and Downstream Industries of Aluminium Sector; Investment Opportunities Employment Potential, November 29, 2017, New Delhi*