

About the Author

Satyajit Chatterjee, born on July 31st, 1978, received his Bachelor of Technology Degree in Mechanical Engineering from Kalyani Government Engineering College, Kalyani. From the same institute, he got the Master of Technology degree in Production Engineering. Immediately after that, he joined the Ph.D. programme at Mechanical Engineering Department, Indian Institute of Technology, Kharagpur. In addition to his Ph.D. work he has taken part in other research and developmental activities and got several publications to his credit.

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List of accepted publications from the present work

1. Chatterjee, Satyajit, Shariff, S. M., Dutta Majumdar, J., Roy Choudhury, A. (2008), Development of nano-structured $\text{Al}_2\text{O}_3\text{-TiB}_2\text{-TiN}$ coatings by combined SHS and laser surface alloying, International Journal of Advanced Manufacturing Technology, Vol. 38, Issues 9-10, pp. 938-943.
2. Chatterjee, Satyajit, Ganesh, P., Palai, R., Wu, J. A., Kaul, R., Dutta Majumdar, J., Roy Choudhury, A. (2010), Effect of hBN addition on the properties of nanostructured $\text{Al}_2\text{O}_3\text{-TiB}_2\text{-TiN}$ based coatings developed by combined SHS and laser surface alloying, Surface and Coatings Technology, Vol. 204, Issue 11, pp. 1702-1709.
3. Chatterjee, Satyajit, Shariff, S. M., Padmanabham, G., Dutta Majumdar, J., Roy Choudhury, A., Study on the effect of laser post-treatment on the properties of nanostructured $\text{Al}_2\text{O}_3\text{-TiB}_2\text{-TiN}$ based coatings developed by combined SHS and laser surface alloying, Surface and Coatings Technology, Volume 205, Issue 1, pp. 131-138.
4. Performance evaluation of laser surface alloyed hard nanostructured $\text{Al}_2\text{O}_3\text{-TiB}_2\text{-TiN}$ composite coatings with *in-situ* and *ex-situ* reinforcements, Under review.
5. Study on the effect of laser post-treatment on $\text{Al}_2\text{O}_3\text{-TiB}_2\text{-TiN}$ composite coating with free hBN, manuscript prepared.