


ISBN: 978-981-33-4794-6

Current Advances in Mechanical Engineering_pp 939–948

Innovative Methods of EDM Electrode Manufacturing: A Review

[S. D. Mohanty](#) , [S. S. Mahapatra](#), [R. C. Mohanty, J. Mohapatra](#), [S. K. Khuntia](#) & [S. Nayak](#)

Conference paper | [First Online: 19 March 2021](#)

352 Accesses

Part of the [Lecture Notes in Mechanical Engineering](#) book series (LNME)

Abstract

Electrical discharge machining is a promising field of research with wide-ranging application in diverse fields of engineering. With change in demand in the industry, it is very essential to bring about adaptations in the system which would improve the performance of EDM. Electrode used in EDM plays the most vital role in machining. In the review paper, research work related to the manufacturing of electrodes for EDM applications using some innovative methods have been discussed. The manufacture of electrodes has been broadly divided into the following categories: use of casting and