















finish. The research work of the last 20 yrs has been discussed and the following conclusions are drawn:

- 1) Most of the work has been done on Aluminium MMC's reinforced with Silicon Carbide (SiC) particulate and on Alumina (Al<sub>2</sub>O<sub>3</sub>), due to their reinforcement in Aluminium composites for its excellent combination of physical properties, availability and low cost of the particulate.
- 2) Much less work has been done on Aluminium MMC's reinforced with Si<sub>3</sub>N<sub>4</sub>, ZrB<sub>2</sub>, B<sub>4</sub>C, SiO<sub>2</sub>, B, AlN, BN, due to their rare utilization and cost. Aluminium Composites reinforced with those particulates may also be considered as future scope.
- 3) Mostly, the work has been carried out on AMMC's using EDM and Wire EDM, less work has been done on other types of EDM.
- 4) Review revealed that, Water EDM resulted in the high MRR but it shows the poor Surface quality.
- 5) Micro EDM and Powder Mixed EDM indicates the improvement in the MRR and good surface finish compared to other types. More work could be done on Micro EDM and Powder Mixed EDM in future and there is enormous scope for research work in this area.

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### Author Profile



**Dr. P. Srikanth**, Associate Professor, MED, KITS, Warangal. Pursued doctorate from JNT University, Hyderabad in 2012 with 7 publications. His areas of Interest: Production Engineering, CAD, CAM and Simulation



**Ch. Pranay Kumar** received B. Tech from JNT University and M. Tech from Kakatiya University. His areas of Interest: Manufacturing and CAD/CAM

