**COURSE COMPLETION CERTIFICATE**

This is to certify that **Mr. Sharan. C (Roll No. 312112001)** of Metallurgical and Materials Engineering department has successfully completed his regular full time M.S. (by Research) programme on the topic “Friction Welding of Ti-6Al-4V tube to AA6061 tube plate using an external tool”. He will be receiving his provisional degree certificate on or before 1st week of march and shall be awarded the M.S. (by Research) degree in the forthcoming Convocation of the institute.