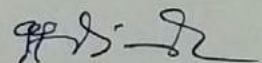


Dr. Shivanand M. Handigund
Professor and Head,
CSE programme,
Jnanavikas Institute of Technology,
Bidadi, Karnataka 562109

To whomsoever it may concern

I am pleased to issue this certificate in favour of Ms. Arunakumari B. N. (5VX15PEJ31) who has submitted her dissertation synopsis of her research work leading to Ph. D. degree to the Visvesvaraya Technological University, Belagavi. She has worked under my guidance on the topic "**Resuscitation of Software Development Life Cycle Stages to Transform Dexterous Requirements into Automatic Software**". The research work is very innovative state of the art requirement. She happened to be M. Tech. Project student during 2011-2013, her research project won All India gold medal in the 44th national design competition context 2013 instituted by Institution of Engineers India. She is very hard working diligent and motivated to teach Computer Science / Information Science & Engineering subjects empathising various students' intellectual levels. Her hard work, perseverance and sincerity is second to none. I strongly recommend her candidature for the appointment of suitable teaching post.

With best wishes



Dr. Shivanand M. Handigund

Dr. Shivanand M. Handigund

M.Tech. (IITD), Ph.D (IITB)

Professor of Computer Science & Engg.

Jnanavikas Institute of Technology

B.M. Road, Bidadi, Ramanagara Dist - 562109