



INTERNSHIP COMPLETION CERTIFICATE

Date: [20/03/2024]

This is to certify that Mr. **Irfan Sadiq Rahat**, a student of **B.Tech** at **VIT-AP University**, has successfully completed an internship at the Department of Computer Engineering under the guidance of **Dr. Mohammed Altaf Ahmed, Assistant Professor**, from [20/09/2023] to [19/02/2024].

The internship, titled "**Deep Learning and Machine Learning for Automated Haematology**", focused on the development and application of advanced deep learning and machine learning models for blood cell detection and classification in the medical field. During the course of this internship, Mr. **Irfan Sadiq Rahat** demonstrated exceptional skills in applying theoretical knowledge to practical settings, leading to significant contributions in research and development.

As a result of his work during the internship, Mr. **Irfan Sadiq Rahat** successfully completed a project and authored the following research paper:

- *A Step Towards Automated Haematology: Deep Learning Models for Blood Cell Detection and Classification*

We commend Mr. **Irfan Sadiq Rahat** for his diligence, dedication, and innovative approach to problem-solving. His technical expertise and contributions to the field of automated haematology reflect a strong commitment to excellence. We wish him continued success in all future academic and professional endeavors.

Contact Details of Supervisor:

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[Dr. Mohammed Altaf Ahmed]
Assistant Professor
Supervisor