**DECLARATION**

I hereby declare that the work, which is presented in the project work, entitled **Online Leave Application System** submitted in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Computer Science, in the department of **Computer Science & Engineering, Bhilai Institute of Technology, Durg,** is an authentic record of my own work carried out from Jan. 2015 to April 2015 under the guidance of Ms. Alka Jaiswal**,** Assistant Professor in Dept. of Computer Science and Engineering, BIT, Durg (C.G.)

I further declare that the matter embodied in this project has not been submitted by me for the award of any other degree.

**DEEPALIKA KOWAR**

**CERTIFICATE OF COMPLETION**

This is to certify that the project entitled **Online Leave Application System** Submitted by **Deepalika Kowar** to Bhilai Institute of Technology Durg for the award of the degree of the Bachelor of Technology is a bona fide record of the project work carried out by her/his under my supervision and guidance. The content of project, in full or part has not been submitted to any other institute or university for the award of any other degree or diploma.

**Ms. Alka Jaiswal**

Assistant Professor

Dept. of Computer Science & Engineering

BIT Durg

**CERTIFICATE BY THE SUPERVISOR**

This is to certify that the report of the project entitled **Online Leave Application System** is a record of bona fide project work carried out by **Deepalika Kowar,** bearingRoll No. **3012212019**, & Enrollment No.: **AK6380** under my guidance and supervision for the award of **Bachelor of Engineering,** in **Computer Science & Engineering,** of Bhilai Institute of Engineering, Durg (C.G.).

To the best of my Knowledge the report

* + Embodies the work of the candidate himself,
  + Has duly been completed,
  + Fulfils the requirements of the ordinance relating to the B.E. degree of the University and
  + Is up to the desired standard both in respect of contents and language for being referred to the examiners

. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**(**Signature of the HOD**) (**Signature of the guide**)**

**Prof. D. P. Mishra** **Asst.** **Prof. Alka Jaiswal**

Head of Department Computer Science & Engineering

Computer Science & Engineering BIT, Durg.

BIT, Durg.

**CERTIFICATE BY THE EXAMINERS**

This is to certify that the project work entitled **Online Leave Application System** submitted by **Deepalika Kowar** Roll No. **3012212019** & Enrollment No**. AK6380** has been examined by the undersigned as a part of the examination for the award of **Bachelor of Engineering** in **Computer Science & Engineering** of Chhattisgarh Swami Vivekananda Technical University, Bhilai.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Internal Examiner External Examiner**

Date: Date:

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**“Gratitude is the inner feeling which arises from soul and cannot be expressed in words”**

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**DEEPALIKA KOWAR**

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**ABSTRACT**

Web based applications have become an integral part of managing the subsystems of an organization. This not only enhances the efficiencies of the organizations but also provides ease of maneuver to its employees. Such applications provide an access to the employees and management on a 24 X 7 basis thus saving lot of time and impediments in the process.

The main objective of the present project is to decrease the time bound paper work, ease in maintaining the record, hassle free application procedure for leave and wide access to the system. In the present system, employees need to submit leave applications to their respective higher authorities who as per leave rules and policies is responsible for recommendation and approval of the leave applied for. The record of leave availed by any employee is maintained separately on a manual basis which may lead to human mistakes due to increased paper work.

The project carried out is an online leave application system designed to scale easily from small and medium organizations. This results in time and cost savings and minimizes human interventions.

Online leave application system helps the employees to apply for leave through internet or intranet and is available on a 24 \* 7 basis. The employees can know the status of approval of the leave and at the same time can know their leave balance to enable them to manage their leaves properly. This also provides an advantage to the HR department of the organization in customizing leave types and set up complex leave policies. Unauthorized absence can be curtailed through the use of this online leave application system. Employee leave planning using Online Leave application system benefits both employers and employees by giving a fair and transparent leave approval workflow. Employees can view current leave balances, request leaves, view past leave history, and administrators can review and approve leave applications on the dashboard.

In the present project, Net Beans IDE 7.2.1, Glassfish Server 4.0, Java 1.6, HTML 5, CSS 3, Microsoft Office Access 2007 Database and Windows 8 have been used as Operating system. The security features of MS Access have been used. The hardware requirements of the project is also very much standard thus making the project to be easy usable one.

The project report has been organized in four chapters namely Planning Phase, Analysis Phase, Design Phase and Conclusion and Future Scopes and has been supplemented with References.