

A  
Project Report  
On  
**JAVA LIBRARY**

Submitted to  
**CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY,  
BHILAI (C.G.), INDIA**

*in partial fulfillment of requirement for the award of degree*

of  
**Bachelor of Engineering**  
in  
Computer Science & Engineering

by  
**THANESHWAR**  
3032215080  
AQ8715  
**ONKAR DHARAMGUDI**  
3032215053  
AQ8622

*Under the Guidance of*  
**TANUSHRI CHANDRAKER , APARNA SONI**  
Assistant Professor



**Department of Computer Science & Engineering**

**Chhatrapati Shivaji Institute of Technology, Durg**

**Shivaji Nagar, Balod Road, Durg (C.G.), 491001**

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**Session : 2018-19**

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## **DECLARATION**

I the undersigned solemnly declare that the report of the project work entitled **“JAVA LIBRARY”**, is based on our own work carried out during the course of my study under the supervision of TANUSHRI CHANDRAKER and APARNA SONI.

I assert that the statements made and conclusions drawn are an outcome of the project work. We further declare that to the best of our knowledge and belief that the report does not contain any part of any work which has been submitted for the award of any other degree/deploma/certificate in this University or any other University.

**ONKAR DHARAMGUDI**

3032215053

AQ8622

**THANESHWAR**

3032215080

AQ8715

## **CERTIFICATE**

This is to certify that the report of the project submitted is an outcome of the project work entitled **“JAVA LIBRARY”** carried out by **THANESHWAR** bearing Roll No.:3032215080 & Enrollment No.: AQ8715 , **ONKAR DHARAMGUDI** bearing Roll No.:3032215053 & Enrollment No.: AQ8622 Carried out under my guidance and supervision for the award of Degree in Bachelor of Engineering in Computer Science & Engineering of Chhattisgarh Swami Vivekananda Technical University, Bhilai (C.G.), India.

To the best of my knowledge the report

- i) Embodies the work of the candidate him/herself,
- ii) Has duly been completed,
- iii) Fulfils the requirement of the Ordinance relating to the BE degree of the University and
- iv) Is up to the desired standard for the purpose of which is submitted.

**APARNA SONI**

**Assistant Professor**

**TANUSHRI CHANDRAKER**

**Assistant Professor**

**Department of Computer Science & Engineering  
Chhatrapati Shivaji Institute of Technology, Durg**

The project work as mentioned above is hereby being recommended and forwarded for examination and evaluation.

## **CERTIFICATE BY THE EXAMINERS**

This is to certify that the report of the project work entitled

### **JAVA LIBRARY**

Submitted by

**THANESHWAR**, Roll No.: 3032215080 Enrollment No.:AQ8715

**ONKAR DHARAMGUDI**, Roll No:3032215053 Enrollment No.:AQ8622

has been examined by the undersigned as a part of the examination for the award of Bachelor of Engineering degree in Computer Science & Engineering of Chhattisgarh Swami Vivekananda Technical University, Bhilai.

Internal Examiner  
Date:

External Examiner  
Date:

## ACKNOWLEDGEMENT

I highly thankful to respected **Mrs. Tanushri Chandraker, Mrs. Aparna Soni** for his support, encouragement and facilitation.

I also thankful **Mr. Prashant Rechariya (Head, Department of Computer Science & Engineering)** for the valuable guidance.

I also Grateful to **Er. Ajay Prakash Verma (Chairman) & Dr. Anurag Verma (Director)** for their support & permission for project development.

I extend my thanks to respected **Mr. Vinay Bhardwaj** for his support, encouragement and facilitation.

I express my sincere gratitude to all the faculty members and supporting staff members of Computer Science and Engineering Department.

THANESHWAR	ONKAR DHARAMGUDI

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