

# **Library Management System**

Submitted by

**Sourav Ganguly**

University Roll No. 10500118031

**Debarati Biswas**

University Roll No. 10500118048

**Jayri Bagchi**

University Roll No. 10500118046

**Sukannya Dhak**

University Roll No. 10500118028

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Department Computer Science & Engineering  
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Bankura - 722 146, West Bengal, India  
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*Dedicated to our parents*

*"We are what our thoughts have made us; so take care about what you think.*

*Words are secondary. Thoughts live; they travel far."*

- Swami Vivekananda

*"Take up one idea. Make that one idea your life - think of it, dream of it, live on that idea. Let the brain, muscles, nerves, every part of your body, be full of that idea, and just leave every other idea alone. This is the way to success."*

- Swami Vivekananda

*"When an idea exclusively occupies the mind, it is transformed into an actual physical or mental state."*

- Swami Vivekananda

*"You have to dream before your dreams can come true."*

-Dr. A. P. J. Abdul Kalam

*"Dream is not that which you see while sleeping it is something that does not let you sleep."*

-Dr. A. P. J. Abdul Kalam

## Certificate of Approval

The forgoing project report is hereby approved as a creditable study of Technological subject carried out and presented in a manner satisfactory to warrant its acceptance as a prerequisite with degree for which it has been submitted. It is to be understood that by this approval, the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn there in but approve the thesis only for the purpose for which it has been submitted.

Board of Examiners

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We hereby declare that this submission is our own work and that, to the best of our knowledge and belief, it contains no material previously published or written by another person nor material which has been accepted for the award of any other degrees or diplomas of the university or other institutes of higher learning, except which due acknowledgment has been made in this text.

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Signature

## Certificate

This is certified that the work contained in this report entitled, Library Management System, by Sourav Ganguly, Debarati Biswas, Jayri Bagchi and Sukannya Dhak, has been carried out under the supervision of the undersign and this work has not been submitted elsewhere for any other degree.

(Signature of the Supervisor)

Prof. Subhasish Banerjee, Assistant Professor,  
Department of Information Technology

Bankura Unnayani Institute of Engineering  
Bankura, West Bengal

(Signature of the Co-supervisor)

Prof. Subrata Pan, Head of the Department,  
Department of Information Technology

Bankura Unnayani Institute of Engineering  
Bankura, West Bengal

(Signature of the HoD)

Prof. Alope Roy, Head of the Department,  
Department of CSE

Bankura Unnayani Institute of Engineering  
Bankura, West Bengal

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## **Abstract**

Online Library Management system is the use of technology to transform the traditional library into a digital one. It would effectively manage, track and perform day to day library operations with ease. The software is designed to automate all the functions of a library, thereby creating a hassle free environment for the librarian to maintain records. It would cut down the time consumption and any risk associated with tangible documents. The system would then finally be incorporated into our institution's existing system. The model has been based on the Django- web framework by Python that is connected to a SQL database, which constitutes the back-end of our project. The front-end has been designed using HTML, CSS and JavaScript. For somebody who wants to access the system, they'll have to login with their authorized user-id and password.