### **Department of Computer Science**

Shivamogga 577203



### PROJECT WORK CERTIFICATE

### this is to Certify that

SANTIA MARIA RODRIGUES S2008453

NITIN S PAWAR S2008325

H K PREMANANDA S2008176

NAVEEN P S2008310

MADHU N S2008270

Has satisfactorily completed the project work entitled "SOCIAL NETWORKING" submitted in partial fulfillment of the requirements for the award of the undergraduate in BACHELOR OF SCIENCE(BSc) by the KUVEMPU UNIVERSITY during the academic year 2022-23.

Mrs. Rasmi V

**Project Guide** 

Department of Computer Science Sahyadri Science College

Shivamogga-577203

idyashankar M.H

Chairman

Department of Computer Science Sahyadri Science College

Shivamogga-577203

PRIN

Name of examiner

SAHYADRI SCIENCE COLLEGE

Signature of

Examiner (Constituent College of Kuvempu University)

SHIMOGA, Karnataka State.

a Aerin C

HPHAU'

Date of Examination: 23.08.2023

Department of computer science Shivamogga-577203



### PROJECT WORK CERTIFICATE

This is to certify that

RAGHAVENDRA P BC201852 SANGEETHA S D BC201862

SANJANA K BC201852

TEJASWINI P BC201884

Has satisfactorily completed the project work entitled

### "CONSTRUCTION MANAGEMENT SYSTEM"

Submitted in partial fulfillment of requirements for the award of the under graduate in BACHELOR OF COMPUTER APPLICATION (BCA) By the KUVEMPU UNVERSITY

	BACHELOR OF COMPUTER APPLICATION (E	BCA) By the KUVEMPU UNVERSITY
_	Sub $ 6 08 23$ during the academic ye	ear 2022-23.
	TABBASUM SULTANA	DR. VIDYASHANKAR M.H
	Lecturer & Project guide	Chairman,
	Department of computer science	Department of computer science
	Sahyadri science College	Sahyadri science College
	Shivamogga -577203	Shivamogga -577203
	Name of Examiner	Signature of Examiner

Nam	ne of Examiner	di-an	Signature of Examine
1)		PRINCIPAL	
1)	/	SAHYADRI SCIENCE COLL	EGE
2)		instituent College of Kuvempu	University
		SHIMOGA, Karnataka Stat	te.
		93/08/2023	

Date of examination 22 08 2023

Department of Computer Science Shivamogga 577203



## PROJECT WORK CERTIFICATE

This is to Certify that
PUNEETH KUMAR C S S2008382

ABHISHEK H S2008002

RAKSHITHA H S2008394

HARSHITHA G S S2008189

RANJITHA B J \$2008409

Has satisfactorily completed the project work entitled MVEHICLE BREAKDOWN

**ASSISTANCE**"submitted in partial fulfillment of the requirements for the award of the undergraduate in BACHELOR OF SCIENCE(BSc) by the KUVEMPU UNIVERSITY during the academic year 2022-23.

Mr. Arun Kumar N B

**Project Guide** 

Department of Computer Science Sahyadri Science College Shivamogga-577203 Dr. Vidyashankar M.H Chairman

Department of Computer Science Sahyadri Science College Shivamogga-577203

Name of examiner

PRINCIPAL

Signature of Examiner

2) ASHAIS

SAHYADR SCIENCE COLLEGE SHIMOGA, Karnataka State.

**Date of Examination:** 

# Department of Computer Science

Shivamogga 577203



### PROJECT WORK CERTIFICATE

This is to Certify that

Jacklin S	S2008203
Gowthami L S	S2008174
Suresh H C	S2008539
Vinay S H	S2008588

Has satisfactorily completed the project work entitled "CROP INSURANCE AND SUBSIDIES" submitted in partial fulfillment of the requirements for the award of the undergraduate in BACHELOR OF SCIENCE(BSc) by the KUVEMPU UNIVERSITY during the academic year 2022-23.

Mrs.Vidya M.Salimath

**Project Guide** 

Department of Computer Science Sahyadri Science College Shivamogga-577203 Dr. Vidyashankar M.H Chairman

Department of Computer Science Sahyadri Science College Shivamogga-577203

Name of examiner	XQi -an	Signature of
Examiner	PRINCIPAL	
1)	SAHYADRI SCIENCE COLLEGE	•••••••••••
2)	SHIMOGA Karnataka stat	•••••

Date of Examination:

### SAHYADRI SCIENCE COLLEGE Department Of Computer Science Shivamogga-577203



# PROJECT WORK CERTIFICATE This is to certify that

POOJA BAI N	S2008345
<b>KEERTHANA R</b>	S2008230
SUCHITRA G L	S2008512
<b>CHANDRU T</b>	S2008119
<b>DEEKSHITH K S</b>	S2008144

Has satisfactorily completed the project work "Voice Interactive Portfoilo" submitted in partial fulfillment of the requirements for the award of the under graduate in Bachelor of Science (B.Sc) by the Kuvempu University during the academic year 2022-23.

Musheer Ahmed

**Project Guide Lecturer** 

Department of computer science Sahyadri Science College Shivamogga-577203 Dr. Vidyashankar M

Chairman

Department of computer science Sahyadri science college Shivamogga-577203

Name of examiner

Signature of examiner

2) ASIAA J

PRINCIPAL

SAHYADRI SCIENCE COLLEGE

(Constituent College of Kuvempu Universit)

Date of examination : SHIMOGA, Karnataka State.

# SAHYADRI SCIENCE COLLEGE (AUTONOMOUS) Department of Computer Science Shivamogga-577203



# PROJECT WORK CERTIFICATE

This is to certify that

POOJA V	BS17M737
PRIYADARSHINI G	
RATHNAMMA H C	BS17M741
THEJASHREE L H	BS17M745
	BS17M756
VARSHA SAGARA H V	BS17M761

Has satisfactorily completed the project work entitled "LIBRARY MANAGEMENT SYSTEMS submitted in partial fulfillment of the requirements for the award of the under graduate in BACHELOR OF SCIENCE (BSc) by the KUVEMPU UNIVERSITY during the academic year 2019-20.

Mr. ANNAPPA S S

**Project Guide** 

Department of Computer Science Sahyadri Science College(Autonomous) Shivamogga-577203

Dr. Vidyashankar M.H

Chairman

Department of Computer Science Sahyadri Science College(Autonomous) Shivamogga-577203

	199 - 1010
Name	PRINCIPAL
Name of Examiner	SAHYADRI SCIENCE COLLEGE gnature of Examiner
1) Machary	SAHYADRI SCIENCE COLLEGEnature of Examiner (Constituent College of Kuvempu University)
2) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	SHIMOGA, Karnataka State.
2)/	(6)
Dot	
Date of examination:	

te of examination:

Examination Center: Sahyadri Science College (Autonomous), Shivamogga-577203

# SAHYADRI SCIENCE COLLEGE (AUTONOMOUS) DEPARTMENT OF COMPUTER SCIENCE

SHIVAMOGGA-577203



### **Project Work Certificate**

This is to certify that RAJESH. M (BS17D279) has satisfactorily completed the project work entitled "IoT Based Air Pollution/Quality Monitoring" submitted in partial fulfilment of the requirements for the award of the under graduate degree in BACHELOR OF SCIENCE(BSc) by the KUVEMPU UNIVERSITY during the academic year 2019-20.

### Mr.Annappa.S.S **Project Guide**

Department of computer science Sahyadri science college (autonomous)

Shivamogga

Dr. Vidyashankar M.H Chairman

Department of computer science Sahyadri science college (autonomous)

Shivamogga

Constituent College of Kuvempu Universit Signature of Examiner

SHIMOGA, Karnataka State.

Date of Examination:

Name of Examiner

Examination Centre: Sahyadri Science College(Autonomous)

# SAHYADRI SCIENCE COLLEGE (AUTONOMOUS) Department of Computer Science. Shivamogga-577203



### **PROJECT WORK CERTIFICATE**

This is to certify that

Mr. YASHAWANTHA, S

Has satisfactactorily completed the project work entitled "DIGITALIZATION OF NEWSPAPER DELIVERY" Submitted in the partial fulfillment of the requirement for the award of the under graduate degree in BACHELOR OF COMPUTER APPLICATION by the KUVEMPU UNIVERSITY during the academic year 2019-20

Mr. Shankar N Project Guide

Department of computer science. Sahyadri science college (Autonomous) Shivamogga-577203 Dr. Vidyashankar M.H

Head of the Department

Department of computer science. Sahyadri science college (Autonomous) Shivamogga-577203

Name of the Examiner

PRINCIPAL

Signature of the Examiner

SAHYADRI SCIENCE COLLEGE

SHIMOGA, Karnataka State.

Date of Examination: 28.09.2020

Examination Center: Sahyadri Science College (Autonomous), Shivamogga-577203

Department of computer science

Shivamogga-577203



#### PROJECT WORK CERTIFICATE

This is to certify that

RAMYA K BC201830

RAMYA K BC201857

SHRUSTI G BC201869

SINCHANA H S BC201892

Has satisfactorily completed the project work entitled "SMART BULB HOLDER USING IOT "Submitted in partial fulfillment of requirements for the award of the under graduate in BACHELOR OF COMPUTER APPLICATION (BCA) By the KUVEMPU UNVERSITY during the academic year 2022-23.

PREETHI PATEL HG

Lecturer & Project guide

Department of computer science

Sahyadri science College

Shivamogga -577203

2)

DR. VHOYASHANKAR M.H

Chairman,

Department of computer science

Sahyadri science College

Shivamogga -577203

Signature of Examiner

Name of Examiner

1)

SAHYADRI SCIENCE COLLEGE

Constituent College of Kuvempu Universi

Date of examination :... SHIMOGA, Karnataka State.

### Department of computer science

Shivamogga-577203



### PROJECT WORK CERTIFICATE

This is to certify that

HARSHAVARDHAN C BC201822

K SHISHIRA BC201825

MANOJ P BC201838

VADIRAJLM BC201886

Has satisfactorily completed the project work entitled "WATER ANALYSIS

USING IOT "Submitted in partial fulfillment of requirements for the award of the under graduate in BACHELOR OF COMPUTER APPLICATION by the KUVEMPU UNVERSITY during the academic year 2022-23.

DR. VIDYASHANKAR M.H

Project guide & Chairman

**Department of Computer Science** 

Sahyadri Science College

Shivamogga -577203

Name of Examiner

Systa Y.M Vidyarhankar M.H

Signature of Examiner

SAHYADRI SCIENCE COLLEGE

(Constituent College of Kuvempu Universit )

SHIMOGA, Karnataka State.

Date of examination: 2408/23

Department of Computer Science

Shivamogga-577203



### PROJECT WORK CERTIFICATE

This is to certify that

PRAJWAL MG BC201846
TARUN R BC201882
TARUN VIJAY G BC201883
SWARAJ PS BC201881
KISHAN M BC201715

Has satisfactorily completed the project work entitled " Stock Loss Prediction " submitted in partial fulfilment of the requirements for the award of the under graduate in BACHELOR OF COMPUTER APPLICATION (BCA) by the KUVEMPU UNIVERSITY during the

academic year 2022-23.

Mr. Arun Kumar N B

Lecturer & Project guide

Department of Computer Science Sahyadri Science College Shivamogga-577203 Dr VidyaShankar M.H

Chairman

Department of Computer Science Sahyadri Science College Shivamogga- 577203

Name of Examiners

SAHYADRI SCIENCE COLLEGE (Constituent College of Kuvempu University)

SHIMOGA, Karnataka State.

Signature of Examiners

2) William Show Don M. H

Date of examination:

# **Department of Computer Science**

Shivamogga-577203



# PROJECT WORK CERTIFICATE

This is to certify that

Deekshith D	S2008141
Akash C R	S2008019
Ananya K K	S2008030
Gagana M J	S2008166
Manya H C	S2008286

Has satisfactorily completed the project work entitled "DressUp Designs for Infants" submitted in partial fulfillment of the requirements for the award of the undergraduate in BACHELOR OF SCIENCE(BSc) by the KUVEMPU UNIVERSITY during the academic year 2022-23.

Dr. Vidyashankar M.H

Chairman and Project Guide

72/2

Department of Computer Science

Sahyadri Science College Shivamogga-577203

Name of examiner	$\mathcal{D}$ 1	Signature of Examiner
1)	PRINCIPAL	
2)	SAHYADRI SCIENCE COLLEGE	
Date of Examination:	(Constituent College of Kuvempu Universi SHIMOGA, Karnataka State.	t·)



# PROJECT WORK CERTIFICATE This is to certify that

DARSHAN T.V. S2008131
SUPRIYA H.R. S2008535
USHA H.M. S2008566
GAGANA J. S2008165
BHUMIKA PATEL R.B. S2008101

Has satisfactorily completed the project work "College Resource Sharing Platform" submitted in partial fulfillment of the requirements for the award of the under graduate in Bachelor of Science (B.Sc) by the Kuvempu University during the academic year 2022-23.

Shankar N.

**Project Guide Lecturer** 

Department of Computer Science

Sahyadri Science College

Shivamogga-577203

Dr. Jidyashankar M.H

Chairman

**Department of Computer Science** 

Sahyadri science college

Shivamogga-577203

Name of Exami	in	er
---------------	----	----

1)

2) ASHAIS

Signature of Examiner

SAHYADRI SCIENCE COLLEGE

(Constituent College of Kuvempu Universit )

SHIMOGA, Karnataka State.

Date of examination:

### **Department of Computer Science**

Shivamogga 577203



### PROJECT WORK CERTIFICATE

This is to Certify that HARSHA NAGENDRA L S2008184

RUDRESH S N S2008423

SUHAS A S2008518

UJWAL DRAVID A S2008562

VARUN R \$2008579

Has satisfactorily completed the project work entitled "HAND GESTURE RECOGNITION USING MEDIAPIPE ARCHIETECTURE" submitted in partial fulfillment of the requirements for the award of the undergraduate in BACHELOR OF SCIENCE(BSc) by the KUVEMPU UNIVERSITY during the academic year 2022-23.

Mrs.Asha S

**Project Guide** 

Department of Computer Science Sahyadri Science College Shivamogga-577203 or. Vidyashankar M.H

Chairman

Department of Computer Science Sahyadri Science College Shivamogga-577203

Signature of

Name of	examiner
Examine	r

1) SARITHA N

SAHYADRI SCIENCE COLLEGE

(Constituent College of Kuvempu Universit

2).....

**Date of Examination:** 

# SAHYADRI SCIENCE COLLEGE Department of Computer Science Shivamogga-577203



### **CERTIFICATE**

This is to certify that the project work entitled

### "ANOMALY DETECTION SYSTEM"

Is a bonified work carried out by CHANDANA B D, MEGHANA U, PAHEEMA M P G, SANNIDHI B S bearing Register No S2008112, S2008287, S2008330, S2008451. In partial fulfilment of the award of BACHELOR OF SCIENCE(B.Sc) by the KUVEMPU UNIVERSITY during the academic year 2022-23.

Project Guide

Mr. S NARASIMHA MURTHY

Department of Computer Science Sahyadri Science College

Shivamogga-577203

Head of the Department

Dr. VIDHYASHANKAR M H

Department of Computer Science

Sahyadri Science College

Shivamogga -577203

Name of Ex	aminer
------------	--------

PRINCIPAL Signature of Examiner

SARITHA N. SAHYADRI SCIENCE COLLEGE OF November Universit 1

2) ...... SHIMOGA, Karnataka State.

Date of Examination: 93-8-9093

### **Department of Computer Science**

Shivamogga 577203



### PROJECT WORK CERTIFICATE

THIS IS TO CERTIFY THAT

**AISHWARYA K** S2008013

**DEEPIKA E** S2008148

Has satisfactorily completed the project work "DETECTING E-BANKING

PHISHING USING ASSOCIATIVE CLASSIFICATION" submitted in partial fulfillment of the requirements for the awardof the under graduate in BACHELOR OFCOMPUTER SCIENCE (BSc) by the KUVEMPU UNIVERSITY during the academic year 2022-23.

Mr. Annappa S.S

**Project Guide** 

Department of Computer Science Sahyadri Science College

Shivamogga-577203

Dr. Vidyashankar M.H.

Chairman

Department of Computer Science Sahyadri Science College

Shivamogga-577203

SAHYADRI SCIENCE COLLEGE

(Constituent College of Kuvempu University) SHIMOGA, Karnataka State.

D. SARITHA N.

Swite N. 23/8/23

Date of Examination:

Name of examiner

### Department of Computer Science

Shivamogga 577203



#### PROJECT WORK CERTIFICATE

THIS IS TO CERTIFY THAT

SONIKA U

S2008502

AISHWARYA R

S2008015

RITHIKA E

S2008415

HAS SATISFACTORILY COMPLETED THE PROJECT WORK ENTITLED AUTHENTICATIONACCESS CONTROL USING FINGERPRINT TECHNOLOGY ALONG WITH ACCIDENT ANDALCOHOL DETECTION"SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THEAWARD OF THE UNDERGRADUATE IN BACHELOR OF SCIENCE(BSc) BY THE KUVEMPU UNIVERSITY DURING THE ACADEMIC YEAR 2022-23.

Mr.Annappa S.S

**Project Guide** 

Department of Computer Science

Sahyadri Science College

Shivamogga-577203

Dr. Vidyashankar M.H

Chairman

Department of Computer Science Sahyadri Science College Shivamogga-577203

Name	of	exam	iner

SAHYADRI SCIENCE COLLEGE Signature of Examiner SHIMOGA, Karnataka State

**Date of Examination:** 

# Department of Computer Science

Shivamogga-577203



### PROJECT WORK CERTIFICATE

This is to certify that

KOUSHIK KUMAR K S BC201834

PRAJWAL S BC201847

PRAJWAL S S BC201848

SHRIVATHSA M BC201868

SUHAS S BC201877

Has satisfactorily completed the project work entitled "HOME SECURITY SYSTEM BASED ON IOT" submitted in partial fulfilment of the requirements for the award of the under graduate in BACHELOR OF COMPUTER APPLICATION (BCA) by the KUVEMPU UNIVERSITY during the academic year 2022-23.



Lecturer

Department of Computer Science Sahyadri Science College Shivamogga-577203 Dr VidyaShankar M.H

Chairman

Department of Computer Science Sahyadri Science College Shivamogga- 577203

Vame	of	Examiners
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1)\_\_\_\_\_

PRINCIPAL

SAHVADRI SCIENCE COLLEG

SAHYADRI SCIENCE COLLEGE

(Constituent College of Kuvempu Universit<sup>1</sup>)
SHIMOGA, Karnataka State.

Date of examination: 20 08 2023

Examination Center: Sahyadri Science College, Shivamogga-577203

Signature of Examiners

22/8/23

### **Department of Computer Science**

Shivamogga 577203



### PROJECT WORK CERTIFICATE

### This is to Certify that

**ABHISHEK T N REG NO: BC201802 DARSHAN P REG NO: BC201816** JOEL IMMANUL PAIS **REG NO: BC201824** NISHAN G KUMBAR **REG NO: BC201842** SATHWIK S.R **REG NO: BC201864** 

Has satisfactorily completed the project work entitled "HEALTH CARE CHATBOT" submitted in partial fulfillment of the requirements for the award of the undergraduate in BACHELOR OF COMPUTER APPLICATION (BCA) by the KUVEMPU UNIVERSITY during the academic year 2022-23

**Project Guide** 

Department of Computer Science Sahyadri Science College

Shivamogga-577203

Chairman

Department of Computer Science Sahyadri Science College

Shivamogga-577203

Name of examiner

SAHYADRI SCIENCE COLLEGE Signature of Examiner

1) Sujatha Y. H. (Constituent College of Kuvempu Universit:)
SHIMOGA, Karnataka State.
2) Wintya Shornkar M. H

Date of Examination: 22/8/2023

### **Department of Computer Science**

Shivamogga 577203



### PROJECT WORK CERTIFICATE

This is to Certify that

Vani B R	S2008571
Sindhu K P	S2008627
Anusha V	S2008063
Milana M C	S2008293
Darshini M	S2008136

Has satisfactorily completed the project work entitled "ONLINE SYSTEM" submitted in partial fulfillment of VOTING requirements for the award of the undergraduate in BACHELOR OF SCIENCE(BSc) by the KUVEMPU UNIVERSITY the academic year 2022-23. gholD

Mr. Er.Bedre Nagaraj BE(CS&E)M.TECH(CS&E)

**Project Guide** 

Department of Computer Science Sahyadri Science College Shivamogga-577203

dyashankar M.H Chairman

Department of Computer Science Sahyadri Science College

Shivamogga-577203

Name of examiner Examiner

Signature of

SAHYADRI SCIENCE COLLEGE (Constituent College of Kuvempu Universit;)

SHIMOGA, Karnataka State.

Savito N. 23/8/23

Department of computer science

Shivamogga-577203



### PROJECT WORK CERTIFICATE

This is to certify that

AMULYA H S BC201805

ANU HS BC201806

BC201817 DEEPIKA H S

PRAJWALCK BC201845

Has satisfactorily completed the project work entitled "WATER ANALYSIS

USING IOT "Submitted in partial fulfillment of requirements for the award of the under graduate in BACHELOR OF COMPUTER APPLICATION (BCA) by the KUVEMPU UNVERSITY during the academic year 2022-23.

DR. VIDYASHANKAR M.H

Project guide & Chairman

Department of computer science

Sahyadri science College

Shivamogga -5/7203

SAHYADRI SCIENCE COHEGENTURE of Examiner: Constituent College of Kuvempu University Name of Examiner:

SHIMOGA, Karnataka State. 1)

2)

Date of examination:



# ಕುವೆಂಹು ವಿಶ್ವವಿದ್ಯಾಲಯ KUVEMPU UNIVERSITY



# SAHYADRI SCIENCE COLLEGE

Department of Computer Science

Shimoga-577203

### PROJECT WORK CERTIFICATE

This is to certify that

Drona H BC201820

Madan H BC201836

Sagar M BC201860

Shravan kittur BC201865

Uday kiran R S BC201885

Have satisfactorily completed the project work entitled "SMART HEALTH PREDICTION SYSTEM" submitted in partial fulfillment of the requirements for the award of the under graduate degree in BACHELOR OF COMPUTER APPLICATION(BCA) by the KUVEMPU UNIVERSITY during academic year

2022-2023

Mr.Musheer ahmed

Lecturer

**Department of Computer Science** 

Sahyadri Science College

Shimoga-577203

Dr. Vidyashankar H M

**Head of the Department** 

Department of Computer science

Sahyadri Science College

Shimoga-577203

Signature of Examiner

1.

Date of VIVA Examination

SAHYADRI SCIENCE COLLEGE

(Constituent College of Kuvempu University)

SHIMOGA, Karnataka State.

**Examination Center: Sahyadri Science College** 

Shimoga-577203

### Department of Computer Science

Shivamogga-577203



### PROJECT WORK CERTIFICATE

This is to certify that

AKSHATHA S R BC201803

BHOOMIKATS BC201813

MADVIKM BC201837

YASHODHA H BC201890

entitled completed project work the satisfactorily Has VOTING SYSTEM"submitted in ONLINE "STUDENT fulfillment of the requirements for the award of the under graduatein APPLICATION (BCA) the **COMPUTER** OF BACHELOR KUVEMPUUNIVERSITY during the academic year 2022-23.

2/18/2

Ms. Asha

Lecturer
Department of Computer Science
Sahyadri Science College
Shivamogga-577203

Dr. Vidyashankar. M.H

Chairman

Department of Computer Science Sahyadri Science College Shivamogga- 577203

Signature of Examiners

Name of Examiners

1) Later M!

Date of examination:

PRINCIPAL

SAHYADRI SCIENCE COLLEGE

\*(Constituent College of Kuvempu University)

SHIMOGA, Karnataka State. Shivamogga-577203

## Department of Computer Science

Shivamogga-577203



### PROJECT WORK CERTIFICATE

This is to certify that

SAHANA B N BC201861

KEERTHANA G R BC201831

SHWETHA G BC201870

SMITHA S BC201873

KAPU SWATHI BC201826

Has satisfactorily completed the project work entitled "CROP YIELD PREDICTION" submitted in partial fulfilment of the requirements for the award of the under graduate in BACHELOR OF COMPUTER APPLICATION (BCA) by the KUVEMPU UNIVERSITY during the

academic year 2022-23.

Mr.Shankar N

Lecturer

Department of Computer Science Saliyadri Science College Shivamogga-577203 Dr. VittyaShankar M.H

Chairman

Department of Computer Science Sahyadri Science College Shivamogga- 577203

Name of Examiners

SAHYADRI SCIENCE COLLEGE

Signature of Examiners

\*(Constituent College of Kuvempu Universit)

SHIMOGA, Karnataka State.

Date of examination: 33 08 3023