Title: Consultancy Project Report: Development of Smartphone Application for Trees, Monuments, and Museums

1. Introduction:

The Consultancy project led by **Dr. Sarang S. Dhote**, Assistant Professor in the Department of Chemistry at Shri Shivaji Education Society's Science College, Amravati, focuses on the development of a Smartphone application dedicated to Trees, Monuments, and Museums. The project extends beyond national borders, aiming to enhance global awareness and access to cultural and natural heritage.

2. Project Scope:

The consultancy project aims to create user-friendly smartphone applications that provide information and interactive experiences related to Trees, Monuments, and Museums. Dr. Dhote's expertise has led to the successful implementation of various applications, catering not only to India but also to international sites.

3. Achievements in Academic Session 2022-23:

During the academic session 2022-23, Dr. Dhote achieved significant milestones:

a. Talking Tree Smartphone Application in Pundlik Maharaj College, Nandura, India:

Successfully installed the Talking Tree application, providing an innovative way for users to interact with and learn about trees on the Pundlik Maharaj College campus.

b. Smartphone Application for Kigulu Heritage Site, Uganda:

Extended the project globally by setting up a smartphone application for the Kigulu Heritage Site in Uganda. This initiative aims to promote cultural awareness and heritage preservation on a global scale.

4. International Outreach:

On the occasion of World Museum Day, Dr. Dhote expanded the project's reach to international museums:

a. Smartphone Application for Kipsigis Museum, Kenya:

Developed a smartphone application for the Kipsigis Museum in Kenya, contributing to the accessibility of cultural knowledge and fostering global connections.

b. Smartphone Application for Kigulu Museum, Uganda:

Successfully implemented a smartphone application for the Kigulu Museum in Uganda, further solidifying the project's commitment to global heritage awareness.

5. Philanthropic Approach:

Dr. Dhote's commitment to the project's success is evident in the provision of most foreign projects free of charge. This philanthropic approach ensures that cultural and natural heritage is made accessible to diverse communities worldwide.

6. Alignment with UNESCO Goals:

The consultancy project aligns with several UNESCO goals, including the promotion of cultural diversity, the safeguarding of cultural heritage, and the use of technology for education and knowledge dissemination.

7. Conclusion:

Dr. Sarang S. Dhote's consultancy project, focusing on the development of smartphone applications for Trees, Monuments, and Museums, has demonstrated remarkable success both nationally and internationally. The project's expansion to various countries and its alignment with UNESCO goals underscore its significance in fostering global cultural awareness and preservation.

This report reflects the commendable efforts of Dr. Dhote and his team in contributing to the intersection of technology, education, and cultural heritage on a global scale.



After Trees, App To Make Ugandan Heritage Talk | Nagpur News - Times of India

After developing interactive apps for various spots in Vidarbha, assistant professor Sarang Dhote from the city is now going places. He has now launch

Busoga launches cultural app lity

IGANGA

Br trans waters man actions to promote tourism and cultures tourism and the sub-region, officials in Kigsika tourism and the sub-region, officials in the sub-tention of the sub-region, officials in the Kigsika tourism and the sub-region of the sub-tention of the sub-region of the sub-sub-region of the sub-region of the su

snoms among

He said the app is unique and the first of kind in Uganda as it provides both audio written messages without consuming data Ritawutwa said the data is only const during the installation process, but free searching for information of one's choice He said they came up with the idea bo most people these days have emi-the digital era. He hailed Prof. Dotte initiative.

the digital era. He hailed Prot. Done -initiative. Patrick Dauda Kabaale, one of the members and a member of Kigulu M said many tourist sites have been idle any visits yet they have the poty generate revenue for both the king the Government. Some of the notable tourist sit chiefdom are Nendha hill in Nat county, Buliganywa hill in Nabit county and Buswikira cave, which have been the home of Nambi and have been the home of Nambi and

nga disettet land

आज आंतरराष्ट्रीय संग्रहालयदिन

म. टा. प्रतिनिधी, नागपूर



देशांमधील आदिवासी जमाती लुप्त होण्याच्या मार्गावर आहे. जागतिकी-

वेगवेगळ्या

डॉ. सारंग घोटे करणामळे

स्वतःचा वारसा, संस्कृती यांचा विसर पडत आहे. अनेक आदिवासी जमाती लुप्त होताहेत. या पार्श्वभूमीवर केनियातील किप्सिंगिस आणि युगांडा येथील किगुलू संस्कृतीला बोलके करण्याचे कार्य नागपूरकर असलेल्या प्रा. डॉ. सारंग धोटे यांनी केले आहे. त्यांनी या दोन्ही वेगवेगळ्या संस्कृतीला समर्पित संग्रहालय आणि हेरिटेंज साइटला अक्षरशः आवाज प्रदान केला आहे.

टॉकिंग ट्रेचे जनक म्हणून ओळख असलेले प्रा. डॉ. सारंग धोटे सध्या येथील काँग्रेसनगरातील शिवाजी विज्ञान महाविद्यालयात कार्यरत आहेत. झाडांना



क्युआर कोडच्या माध्यमातून बोलते करण्याचा प्रयोग त्यांनी सर्वोत प्रथम

यशस्वी केला. त्यानंतर त्यांनी 'मी मध्यवर्ती संग्रहालय बोलतोय' हे ॲप विकसित केले. आजघडीला त्यांनी विकसित केलेल्या ॲपमुळे क्युआर कोडच्या साहाय्याने मध्यवर्ती संग्रहालय अर्थात अजब बंगल्यातील ऐतिहासिक ठेव्याची माहिती ऑडिओ-व्हिडिओ स्वरूपात

जाणून घेता येते. याच पार्श्वभूमीवर त्यांनी सातासमुद्रापार झेप घेत केनियातील संग्रहालय आणि युगांडा येथील हेरिटेज साइटला बोलके केले आहे. याबाबत अधिक सांगताना प्रा. डॉ. घोटे म्हणाले, 'मध्यवर्ती संग्रहालयाच्या ॲपसंदर्भात एका इंग्रजी वृत्तपत्रात प्रकाशित झालेली बातमी फेसबुकवर अपलोड केली होती. ती बातमी किप्सिंगिस संग्रहालयाचे अधिरक्षक फिलिप



किप्सिगिस, किगुलू संस्कृती झाली बोलकी

चेरुयोट यांच्या वाचनात आली. त्यांनी अशीच संकल्पना किप्सिगिस संग्रहालयात वापरण्याची विनंती केली. त्यांच्याच माध्यमातून युगांडा कम्युनिटी म्युझियम असोसिएशनचे अध्यक्ष अब्राहम किटौलवा यांच्याशी संपर्क झाला. त्यांनी तेथील अतिद्मिंळ अशा किंग्लू कम्युनिटीवद्दल आणि त्या संस्कृतीचे दर्शन घडविणाऱ्या किंगुलू हेरिटेज साइटबद्दल माहिती दिली.

अशाप्रकारचा पहिलाच प्रयोग

केनिया आणि युगांडा येथे ऑडिओ स्वरूपात संग्रहालय वा हेरिटेज साइट पर्यटकांशी बोलण्याचा हा पहिलाच प्रयोग ठरला आहे. तिथे अशा स्वरूपातील संग्रहालय अद्याप विकसित झालेले नाही. मख्य म्हणजे किप्सिगिस संग्रहालय अँपची कॉपीराइट प्रक्रिया पूर्ण झाली आहे. तर किगुलू हेस्टिट साइटची प्रक्रिया लवकरच पूर्ण होणार आहे. हे ॲंप इंग्रजी भाषेशिवाय केनियातील दोन स्थानिक भाषांमध्येही संवाद साघणार आहे. त्यातील एक भाषा केवळ बोलता येते. ती लिहिता येत नाही, हे विशेष.

त्यानुसार, गेल्या वर्षभरापासून या दोन्ही संस्कृतींची माहिती ऑडिओ स्वरूपात आणणारे ॲप तयार करण्याचे प्रयत्न सरू होते.

केनियातील संग्रहालय तर युगांडातील हेरिटेज साइटला नागपूरकराने दिला आवाज



Shri Shivaji Education Society, Amravati's SHIVAJI SCIENCE COLLEGE CONGRESS NAGAR,NAGPUR - 440012 <u>Short DCR Report (All Receipt Book)</u> Receipt Date From 01/09/2022 To 11/08/2023

Session : 2022-2023

Sr. Receipt Number No.	Student Name	Course	Fee Payment By Type	Amount
Counter No. : C1				Bellin a
Receipt Book Name : N G DEGRE	E COLLEGE MISC		A CARLON AND A	
Date : 12/11/2022		Devil (Mary)	and a second	
1 C1/NG DC/O/2022-2023/29	38 PRINCIPAL J.D.P.S. DARYAPUR	B.SC - 1	C:0, B:2,000	2,000
Total Receipts on Date 12/11/2	022:1		12/11/2022 Total Fees Collection :	2,000
Date : 15/11/2022	and the second	Mill Party of the		
1 C1/NG DC/O/2022-2023/294	40 PRINCIPAL NABIRA MAHAVIDYALYA KATOL	B.SC - I	C:0, B:2,000	2,000
Total Receipts on Date 15/11/2			15/11/2022 Total Fees Collection :	2,000
Date : 18/11/2022		A CONTRACTOR		1
1 C1/NG DC/O/2022-2023/29	39 PRINCIPAL ARVINDBABU DESHMUKH MAHAVIDYALYA BHARSINGI	B.SC - I	C:0, B:2,000	2,000
Total Receipts on Date 18/11/2022 : 1 18/11/2022 Total Fees Collection :				2,000
Date : 22/11/2022			THE REAL PROPERTY OF A DESCRIPTION OF A	119 119
1 C1/NG DC/O/2022-2023/29	83 PRINCIPAL KHATRI MAHAVIDYALAYA CHANDRPUR	B.SC - I	C:0, B:2,000	2,000
Total Receipts on Date 22/11/2			22/11/2022 Total Fees Collection :	2,000
Date : 15/02/2023		New Yorks		100
1 C1/NG DC/O/2022-2023/35	42 PRINCIPAL SHIVAJI COLLEGE AKOLA	B.SC - 1	C:2,000, B:0	2,000
Total Receipts on Date 15/02/2			15/02/2023 Total Fees Collection :	2,000
Date : 17/02/2023	A MARKEN PARTY AND A PARTY OF A P	NY NEWS TO A	Contraction of the second s	1
1 C1/NG DC/O/2022-2023/35	49 PRINCIPAL SURYODAYA COLLEGE OF ENGINEERING AND TECHNOLOGY NAGPUR	B.SC - I	C:2,000, B:0	2,000
Date : 21/02/2023				
1 C1/NG DC/O/2022-2023/35	57 PRINCIPAL S.PUNDLIK MAHARAJ COLLEGE. NANDURA	B.SC - 1	C:0, B:5,000	5,000
Total Receipts on Date 21/02/2	023:1		21/02/2023 Total Fees Collection :	5,000
Date : 20/03/2023				
1 CI/NG DCJ 0/2022-2023/37	CHAVAN SCIENCE COLLEGE	B.SC - 1	C.2,000, D.0	2,000
Total Receipts on Date 20/03/2023 : 1			20/03/2023 Total Fees Collection :	2,000
Date : 23/03/2023		Self-based series		-,000
	03 PRINCIPAL S S JAISWAL	B.SC - 1	C:0, B:2,000	2,000
1 C1/NG DC/O/2022-2023/39				
	COLLEGE ARJUNI MORGAON		23/03/2023 Total Fees Collection	2.000
1 C1/NG DC/0/2022-2023/39 Total Receipts on Date 23/03/2 Date : 24/03/2023	COLLEGE ARJUNI MORGAON	ANNEY.	23/03/2023 Total Fees Collection :	2,000
Total Receipts on Date 23/03/2	COLLEGE ARJUNI MORGAON 023 : 1 24 PRINCIPAL RASHTRAPITA MAHATMA GANDHI ARTS AND	B.SC - 1	23/03/2023 Total Fees Collection : C:0, B:2,000	
Total Receipts on Date 23/03/2 Date : 24/03/2023 1 C1/NG DC/0/2022-2023/39	COLLEGE ARJUNI MORGAON 1023 : 1 PRINCIPAL RASHTRAPITA MAHATMA GANDHI ARTS AND SCIENCE COLLEGE MAGBHID	B.SC - 1	C:0, B:2,000	2,000
Total Receipts on Date 23/03/2 Date : 24/03/2023 1 C1/NG DC/0/2022-2023/39 Total Receipts on Date 24/03/2	COLLEGE ARJUNI MORGAON 1023 : 1 PRINCIPAL RASHTRAPITA MAHATMA GANDHI ARTS AND SCIENCE COLLEGE MAGBHID	B.SC - 1	and the second sec	2,000
Total Receipts on Date 23/03/2 Date : 24/03/2023 1 C1/NG DC/0/2022-2023/39 Total Receipts on Date 24/03/2	COLLEGE ARJUNI MORGAON 1023 : 1 24 PRINCIPAL RASHTRAPITA MAHATMA GANDHI ARTS AND SCIENCE COLLEGE NAGBHID 1023 : 1 10 10 10 10 10 10 10 10 10 1	B.SC - 1 B.SC - 1	C:0, B:2,000	2,000
Total Receipts on Date 23/03/2 Date : 24/03/2023 1 C1/NG DC/0/2022-2023/39 Total Receipts on Date 24/03/2 Date : 25/03/2023	COLLEGE ARJUNI MORGAON 1023 : 1 PRINCIPAL RASHTRAPITA MAHATMA GANDHI ARTS AND SCIENCE COLLEGE NAGBHID 1023 : 1 PRINCIPAL SANT GADGE MAHARAJ MAHAVIDYALAY HINGNA WATER TESTING KIT PRINCIPAL N.H COLLEGE	NIK?	C:0, B:2,000 24/03/2023 Total Fees Collection :	2,000
Total Receipts on Date 23/03/2 Date : 24/03/2023 1 C1/NG DC/0/2022-2023/39 Total Receipts on Date 24/03/2 Date : 25/03/2023 1 C1/NG DC/0/2022-2023/39 2 C1/NG DC/0/2022-2023/39	COLLEGE ARJUNI MORGAON 1023 : 1 PRINCIPAL RASHTRAPITA MAHATMA GANDHI ARTS AND SCIENCE COLLEGE NAGBHID 1023 : 1 64 PRINCIPAL SANT GADGE MAHARAJ MAHAVIDYALAY HINGNA WATER TESTING KIT 77 PRINCIPAL N.H COLLEGE BRAMHAPURI	B.SC - 1	C:0, B:2,000 24/03/2023 Total Fees Collection : C:2,000, B:0 C:2,000, B:0	2,000 2,000 2,000 2,000 2,000
Total Receipts on Date 23/03/2 Date : 24/03/2023 1 C1/NG DC/0/2022-2023/39 Total Receipts on Date 24/03/2 Date : 25/03/2023 1 C1/NG DC/0/2022-2023/39 2 C1/NG DC/0/2022-2023/39	COLLEGE ARJUNI MORGAON 1023 : 1 PRINCIPAL RASHTRAPITA MAHATMA GANDHI ARTS AND SCIENCE COLLEGE NAGBHID 1023 : 1 64 PRINCIPAL SANT GADGE MAHARAJ MAHAVIDYALAY HINGNA WATER TESTING KIT 77 PRINCIPAL N.H COLLEGE BRAMHAPURI	B.SC - 1 B.SC - 1	C:0, B:2,000 24/03/2023 Total Fees Collection : C:2,000, B:0 C:2,000, B:0 25/03/2023 Total Fees Collection :	2,000 2,000 2,000 2,000 4,000
Total Receipts on Date 23/03/2 Date : 24/03/2023 1 C1/NG DC/0/2022-2023/39 Total Receipts on Date 24/03/2 Date : 25/03/2023 1 C1/NG DC/0/2022-2023/39	COLLEGE ARJUNI MORGAON 1023 : 1 PRINCIPAL RASHTRAPITA MAHATMA GANDHI ARTS AND SCIENCE COLLEGE NAGBHID 1023 : 1 64 PRINCIPAL SANT GADGE MAHARAJ MAHAVIDYALAY HINGNA WATER TESTING KIT 77 PRINCIPAL N.H COLLEGE BRAMHAPURI	B.SC - 1 B.SC - 1	C:0, B:2,000 24/03/2023 Total Fees Collection : C:2,000, B:0 C:2,000, B:0	2,000

Indicates cancel receipt

B indicates amount by chq/DD and C indicates amount by Cash Print Date : 08/12/2023 Page 1 of 2