

My sincere thanks to...

- Mentors
- KVS officials
- CIET officials
- Colleagues
- Family members









My Journey in KVS











1990

·1993

2002

2010

2011







My Expertise



ICT based Innovations













Online Collaborative Projects



Mind, Body, & Soul Insights on physical, mental, and spiritual well-being

Jun. 11, 2008

Our online collaborative projects were in international spotlight for continuously 4 years with membership of 1514 including educators from **20** countries.





SUCCESS STORIES OF OUR PROJECTS



Mind Body & Soul- Do We Really Care

*Showcased in 21st Century
Learning Institute of Oracle
Education Foundation in Singapore
*Published in CBSE Project Based
Learning Flip Book

Destination Moon

*Students got opportunity to talk to Scientists of ISRO

Right to Education for Girls

*Received National ICT Award







National Winner for best science project from NGO (Oracle Education Foundation)- 2007









From Instruction to

National Winner for best educational website of a teacher from NGO (Oracle Education Foundation)-2007









Represented KVS India 21st Century Learning Institute at NTU Singapore –Showcased best science project February 2008













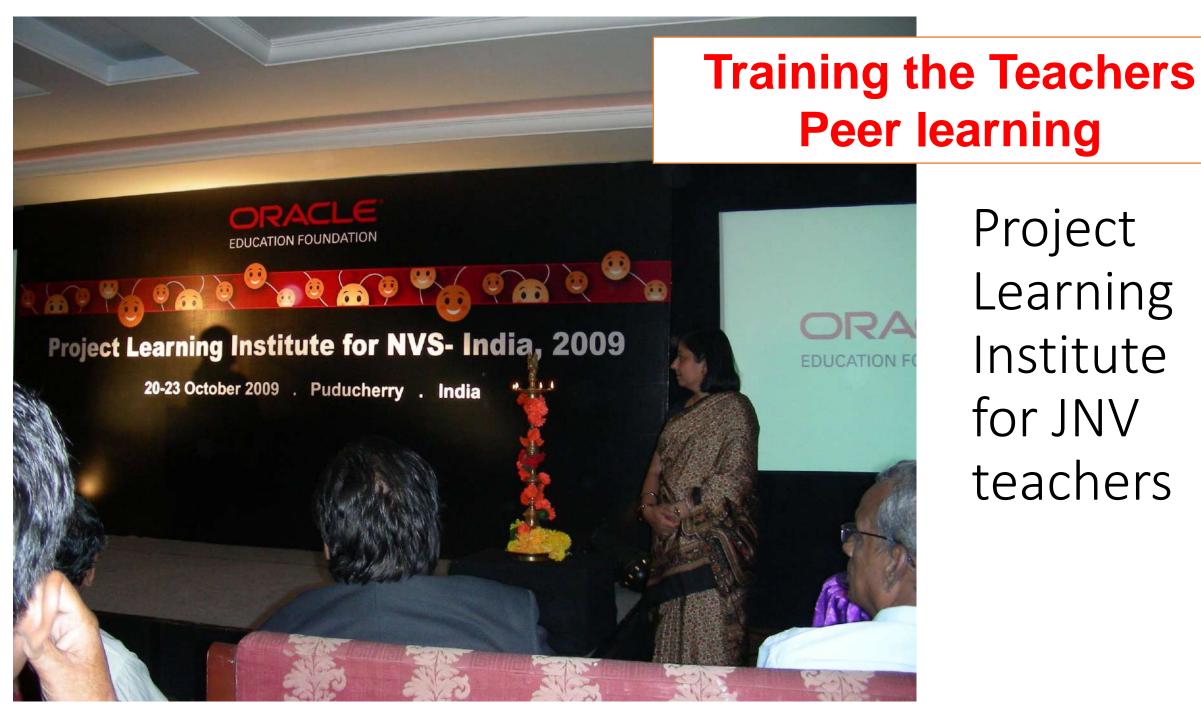
Sarita Tejwani

Represented KVS
India in Facilitator
training institute at
NTU Singapore
April 2008



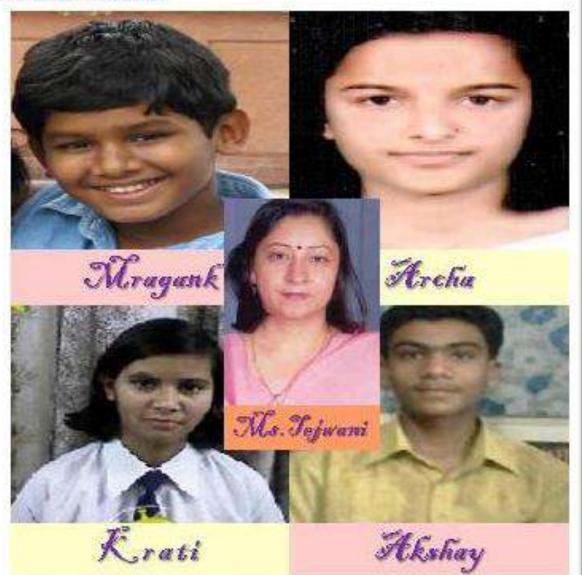






Project Learning Institute for JNV teachers

Our Team Members



Sarita Tejwani



EDUCATION FOUNDATION

Future Space Scientist Program

on

Think.com India 2008 - 2009

Initiative Supported by ISRO

To:

Ms.Sarita Tejwani

Of:

KV Ujjain

For:

Project Based Learning

Project Title:

Destination Moon

Level:

National

Remarks

Special Mention

- Sum

Sistla Venkata Krishna

Director, Oracle Education Initiatives Asia Pacific June 2008













उज्जेन एक्सप्रेस 10 क्षार १० वर्गार २००७

बच्चों ने डॉ. कस्तूरीरंगन से पूछे ऑनलाइन सवाल

सर, बच्चे स्पेस में कब जाएंगे!

यह शायर इन बच्चों के लिए बीवन का सबसे रोमांचित कर देने वाला सण् था...। देश के जिस प्रतिरिटत अंतरिक विद्यानी का उन्होंने अब तक नाम ही शुना था अववा विद्यान पत्रिकाओं और अकवारों में चित्र ही देखे थे, उनसे उन्हें आनलाइन सबक होने का मौका मिना था। यह प्रपत्निक पाने वाले देशकर के पुनिवा स्कूली बच्चों में वे भी शामिल है, यह रियलाइन करना मी इन बच्चों के लिए श्रेमांचकारी ही रहा...।



ऑनसाइन सामन क तो स्ट्रामी विकासी ।

शाम-पूज नेटचर्चा
 कार्यन । पंत्राचार प्रसंस्थितक वटर सार्वः

त्यांश्वात और विज्ञान विशिवत साँगा तेवाचाची के सार्थदर्भन, सेन् कर्माने के सार्थ्यप से पह अवन्तादन अभीनन हुआ। इसमें विश्वस विकारी, विश्वित करना, राष्ट्राच दापर, अंगुल कैन, सेनना गर्भावर अस्टि द्वारा धंवत पूर्व गए। कुल 13 प्रान्त प्रत्न कराबी प्रान्त पूर्व गए से, विनाम से य

आयोजन के पीछे मेंडम की मेहनत



रहान स्मृत्य की विद्वान तिका को रेना में यह नहान दिल्लाने में इस स्कूत की सर्दान टीका मंदिता ने नवानी का नहान पोणदान रहा है। यह उन्हों के प्रकास

चे कि संपूर्ण जाता के 5 और नामभारत के एकमात्र केंद्र के रूप में संदूर्ण स्कूल कर जाया वह कार्युक्तराम के मोन प्रस्तानों के लिए हुआ।

ये थे सवाल और ये पहे जवाब...

त्रदियं व्यक्तिसन् रकुली बच्चों से रूपक हो सी हैं और श्रोतरिक चित्रान विषयं पर सीचे प्रपन पृष

पोर ही । यह प्रदेशन पाने बाले देशपर के जुनिया

क्ष्मला से चीटल ब्लूल भी खीमल का। इसके

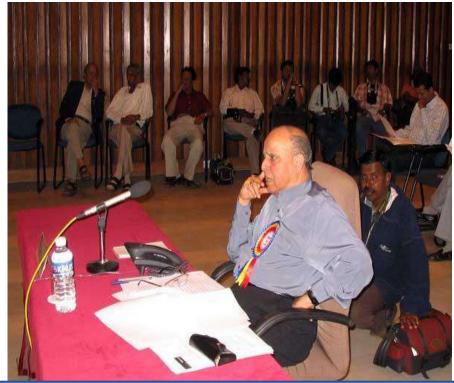
हों करतुरीरतान से अनिवासक पुरस्ताक में । भी के पात असन वर्गतिन से पुरस्त करेशन पुरस्त लोग का नदा महानव होता है? स्थान मिला केलपुरस्तान प्रोतानिक जब काफी रह रहत प्रतिकारी परिचयत से जाने हैं, तब इसे देखर पुर लोग करते हैं। 12में में उट्टी बोर्गतिक का समान का आरोग का जोग्र प्रोतिक सेवल महानों में पुलिस से देशन का

Sarita Tejwani

Tele interaction with world renowned space scientist Padmashri, Padmabhushan, Padmavibhushan

Dr. K. Kasturirangan

in Science Outreach Month 2007









Invited in **DC Conference in 2009** for sharing Teacher's perspective on ThinkQuest









Coordinated Real Time Interaction of KV Ujjain students with Dr. N Goc. Director education technology Vietnaam to showcase online projects of students of KV Ujjain

Real Time Interaction with

Dr. N.Goc Director education technology Vietnaam

Who are the faces behind the interaction?



Miss Tejwani from KV Ujjian, an excellent teacher who is skilled in using ThinkQuest's functionalities to enhance project learning online. She has received an incentive award from KVS



Mrs Karnal Peter who was awarded by President of India for contribution to education and now she works with Oracle Education Foundation, as a Program Manager of Corporate Citizenship in Asia Pacific, to pass on her passion and knowledge to other teachers.



Miss Boon Hui Seng, the Program Manager for Oracle Education Foundation In Singapore.



12 Apr. 2010

Inspiring Educators of KV Ujjain











Sarita Tejwani

Felicitation by Dr. Purandeswari Minister of state HRD for steering the Bhopal Region for KVS Tagore Mahotsay on **ThinkQuest**









Think.com a stimulus for change

Teacher and student co-learners





KV Ujjain on the world map









Sarita Tejwani

Documentary Shoot on 'Teacher -Taught' relation by **Executive Director** of Oracle Education Foundation Colleen Cassity. Only one KV selected for this making this documentary.











Certificate of excellence for Right to education for girls and Dams in ancient India among Top 10 % in ThinkQuest Competition





















KVS Chemistry Connect Chapter



What is Chemistry Connect



Interactive Series7-Che mistrya promise 4 Life



InteractiveSeries 5-Chemistry at the Boundary



Interactive Series 1-See Atoms and Molecules



Interactive Series 3 -Are Crystals Liquid?



Interactive Series 2:Bio-Gas



Ahmedabad Region



Bangalore Region



Bhopal Region



Bhubaneshwar Region



Chandigarh Region



Chennai Region



Dehradun Region

Core Team of Chemistry Connect

6 Jul. 2011

Subject Experts



Ameeta is a popular and highly creative teacher from a Kendriya Vidyalaya in India. She makes hard core chemistry in classes 11 & 12 seem so simple. She is a regular user of ThinkQuest and part of the Project Learning Institute faculty, who leads hundreds by example.



Sarita Tejwani teaches science in a Kendriya Vidyalaya in India. Passionate, determined, creative and disciplined. Sarita is like the pied piper when she takes to floor with ThinkQuest. A senior member of the faculty of the Project Learning Institute, she is constantly innovating.



Gyanthika Perera teaches at Sirimavo Bandaranaike Vidyalaya Colombo 07. Gaynathika is greatly instrumental in the growth of ThinkQuest in Sri Lanka. She happily extends her services to all the teachers across the island.

6 Jul, 2011

Sarita Tejwani

Subject Experts



To Chandi teaching is not something monotonous, but a creative enterprise which challenges her to be a learner each day. Mrs. Chandi Palawela is Science Teacher from Royal



Mrs.Puspha Rathnayake is a microsoft awarded chemistry teacher for innovative teaching in her classroom. She sports a very youthful attitude and is always ready to acquire new











International Girls in ICT Day









सेंट्रल स्कूल में लाइव वरचुअल क्लॉस

भास्कर संवाददाता.उजीन. केंद्रीय विद्यालय में सोमवार सुबह लाइव वरचुअल क्लॉस का आयोजन हुआ। प्राचार्य आरबी पंड्या के अनुसार ओरेकल एकेडमी की ओर से लाइव वरचुअल क्लॉस का आयोजन किया गया था, जिसमें सेंट्रल स्कूल भारत का पहला केंद्रीय विद्यालय बना, जिसे इस क्लॉस में भाग लेने का अवसर मिला। लाइव वरचुअल क्लॉस के दौरान स्कूल के विद्यार्थियों ने क्लाउड कंप्यूटिंग की जानकारी प्राप्त की और प्रश्न भी पूछे। स्कूल के लवनीश सूद्र, नम्रता गोखले एवं सरिता तेजवानी ने इस दौरान विद्यार्थियों को मार्गदर्शन दिया।





Curriculum Contributor



From: Ms. Bein

Date: 9 Mar, 2010 (expires in 58 days)

To: Ms. TEJWANI

Using "Wastewater Story" in our Course

Dear Ms. Tejwani,

I just wanted to make you aware that we are going to use your project "Wastewater Story" as an exemplary learning project example for the ThinkQuest Projects Tutorial. You can view the link to your project by clicking the link below, then scrolling to the bottom of the page.

Thanks and congratulations! This will be a fine example for teachers around the world on how to conduct a learning project.

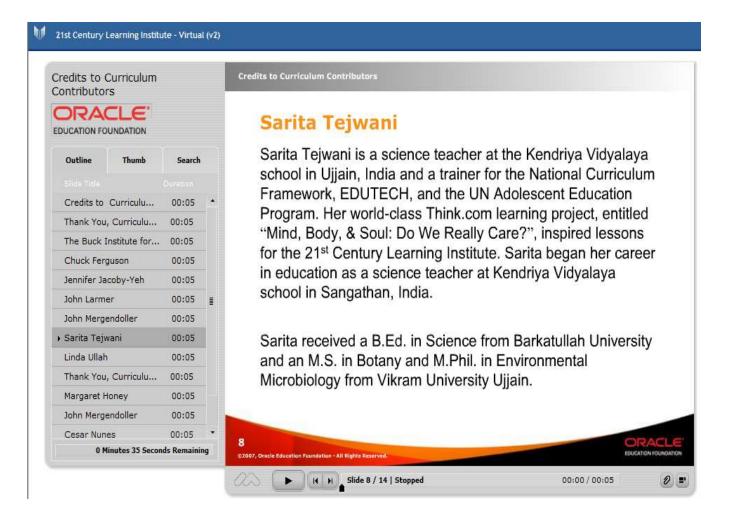
Regards,

Courtney

n http://www.thinkguest.org/pls/html/think.go? p=575064331&o=585215599#58...











tejwani.sarita@gmail.com



3D programming environment created by Carnegie Mellon University and funded by Oracle.











e Resources published on CBSE YouTube Channel





Click here to watch the video









Project – Right to Education for Girls

One child, one teacher, one pen and one book can change the world. Education is the only solution-Malala Yousafzai





A project on Right to Education for Girls

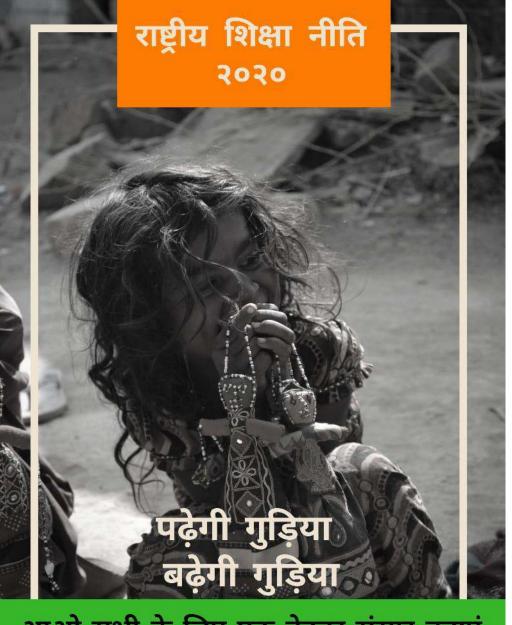
Technology is making this possible

By-Ms. Sarita Tejwani TGT Science Kendriya Vidyalaya Ujjain



Collaborative project right to education for girls selected for showcase in Jury Meeting for National ICT Award

Sarita Tejwani



आओ सभी के लिए एक बेहतर संसार बनाएं समतामूलक और समावेशी शिक्षा









National ICT Award for Teachers









Molecular Animations in Science

Project showcase in 21st ICT Mela at CIET NCERT Project idea and presented in Webinar organized by CIET NCERT

















Use of QR Codes to Enhance Learning in Science











Project showcase in ICT Mela 2018













KVS national Innovation and Experimentation Award 2018









Project selected for presentation

International Conference on Emerging Trends & Innovations in School Sciences (ICSS 2019) RIE BHOPAL



National Conference on Science Education RIE Bhubneswar









Research paper Abstract published in National Teachers

Science Congress



Abstracts

of selected papers

Design Literacy for Effective Science Communication by Educators

- · New and emerging media for effective science learning
- · Transition to STEM education
- · Science communication for all
- · Science learning for sustainable development
- Innovations in science communication

ST1/031

Use of QR Codes to Enhance Learning in Science

Sarita Tejwani, Kendriya Vidyalaya, Ujjain, MP

Email: kvujjain@rediffmail.com, tejwani.sarita@gmail.com

Abstract

This research is on using QR Codes (Quick Response Codes) to bring the online digital world and offline paper-based world together in an educational setting to make learning more fun, interactive and dynamic. Modern Information and communication technologies, such as mobile technologies and quick response codes, have great potential to improve teaching and learning because mobile technologies enable learning across multiple contexts, through content interactions. In other words, learners can learn can learn anytime and anywhere and learning can be personalized, customized and authentic. The experimental study was conducted on 32 students of class 4. First lesson was taught in the classroom and after that QR codes were given to the students to paste in their notebooks. The students were given the task to scan the codes using Smartphone and view the linked videos of that topic. Following which QR codes of online tests (MCQ) were given to solve. The Data Collection: The research data was collected using questionnaire based on the core aspects of mobile learning and measured the perspectives, opinions of the smart phone usage and QR code-based assignments. This project was a real time success as it created a lot of interest and enthusiasm among students to learn new things using mobile technology. Since the students have access to smartphones at their homes the use of QR technology can offer the most cost effective and easy to access tools for knowledge and skill acquisition.

Keywords: Quick Response, QR Codes, Mobile Learning.



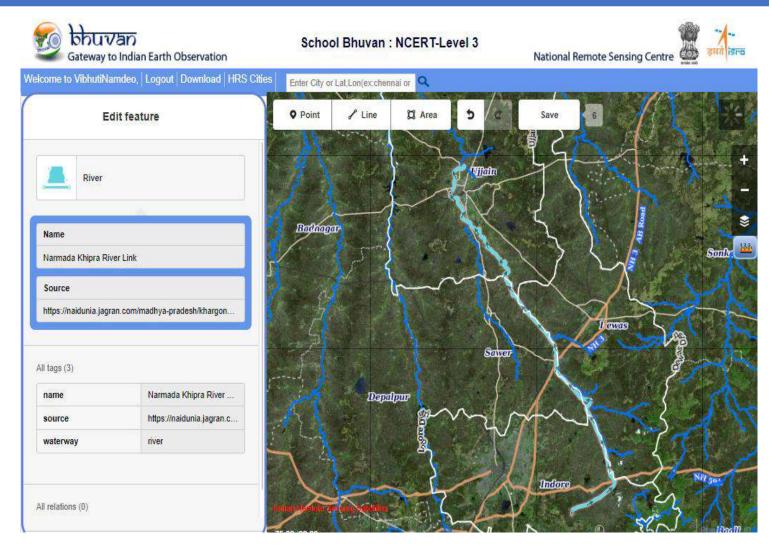






Project - Mapping the Narmada Kshipra Link on NCERT - Bhuvan

Project selected among top 10 entries in **National Online** Competition in Geospatial Technology Explore story through map organized by **DESS NCERT**











Innovative online activity-based teaching learning during pandemic

Schools are closed but not the science activities



Schools Are Closed But NOT the Science Labs

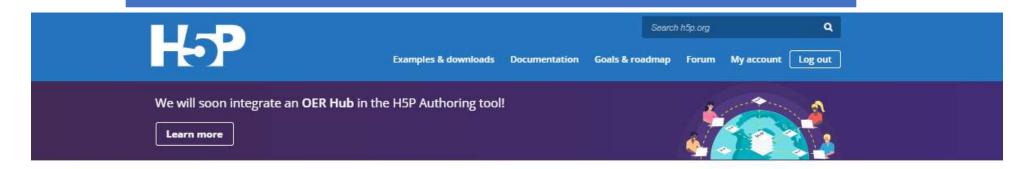








Interactive online science activities



Contents

View Edit Contents Comments



Sarita Tejwani

SARITA TEJWANI SARITA TEJWANI

Why H5P? I am an educator

| Title | Updated | Link to edit content |
|--|--------------------|----------------------|
| Identify the type of change as physical or chemical | 2020/08/26 - 14:34 | edit |
| Matter in our surroundings | 2020/04/17 - 22:00 | edit |
| Components of Food | 2020/04/13 - 11:50 | edit |
| Fundamental Unit of Life Part 2 | 2020/04/12 - 13:57 | edit |
| Fundamental Unit of Life | 2020/04/12 - 13:16 | edit |
| Nutrition in Plants | 2020/04/04 - 14:15 | edit |
| Which colour will be shown by a pH paper when it is dipped in a strong acid? | 2019/12/27 - 22:05 | edit |
| Identify the nature of substance | 2019/12/27 - 21:00 | edit |
| MCQ | 2019/11/06 - 18:59 | edit |
| MCO | 2010/11/05 10:50 | 4.454 |

2 new notifications (Focu











NEP-2020-Multidisciplinary and **Holistic Education** Nurturing human values concerns for **Environment**

Preparing students for 21st Century

STEM to STEAM Learning

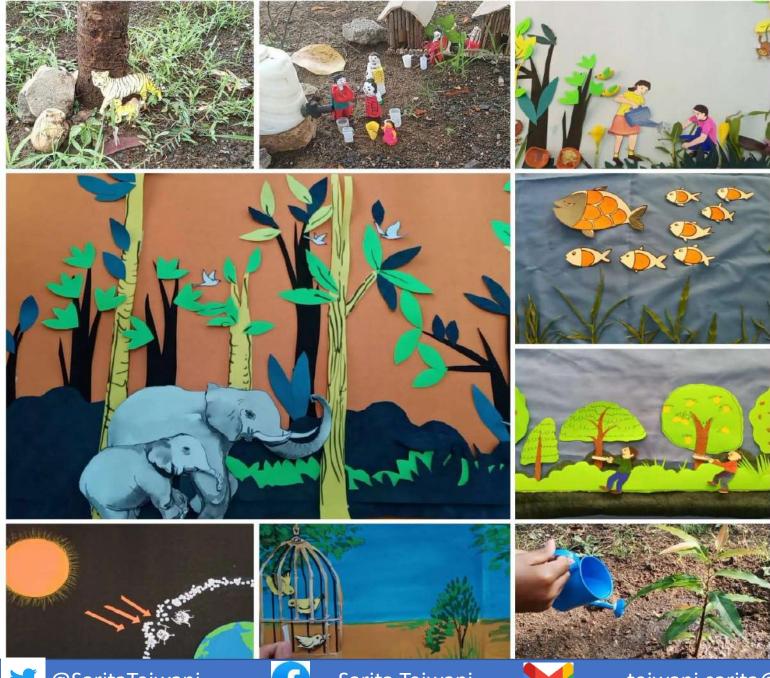
Environment Awareness Through Short Animated Stories

- Multidisciplinary- Science Arts
- Experiential learning
- Art Integrated learning
- Promoting Creative and Critical Thinking









Stop Motion Animations Bringing back fun to the classroom





We created short animation stories

- Stop plastic pollution
- Don't hurt animals
- Don't cut forests
- Protect birds
- Conserve water
- Use appropriate dust bins
- Conserve nature
- Stop poaching animals
- Use sprinkler for watering plants
- Protect ozone layer
- Don't be cruel to animals
- Don't burn waste
- Make compost from waste

Certified Key Resource Person for ICT in Education — Basic- by CIET NCERT



Certificate of **Designing ICT** – **Pedagogy Intervention for Teaching Learning and Assessment** – Conducted by CIET-NCERT









NCERT Resource Person e content development for **Upper Primary**





राष्ट्रीय शेक्षिक अनुसंधान और प्रशिक्षण परिषद



NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING

No.F.6-13/2016-17/DESM DEPARTMENT OF EDUCATION IN SCIENCE AND MATHEMATICS

02nd September, 2016

CERTIFICATE

Certified that Ms. Sarita Tejwani, TGT Science, Kendriya Vidyalaya Ujjain attended the programme entitled "Development of e-Resources in Science at Upper Primary Stage" as a resource person from 29.08.2016 to 02.09.2016. The programme was conducted at DESM, NCERT NIE Campus, New Delhi-110016.

(Prof A.K.Wazalwar) Professor & Head

श्री अरविन्द मार्ग, नई दिल्ली-110016 दूरभाषः 26560620, 26566360 फेक्सः 91-11-26868419 SRI AUROBINDO MARG, NEW DELHI-110016 PHONE: 26560620, 26566360 FAX: 91-11-26868419 GRAMS: EDUSEARCH

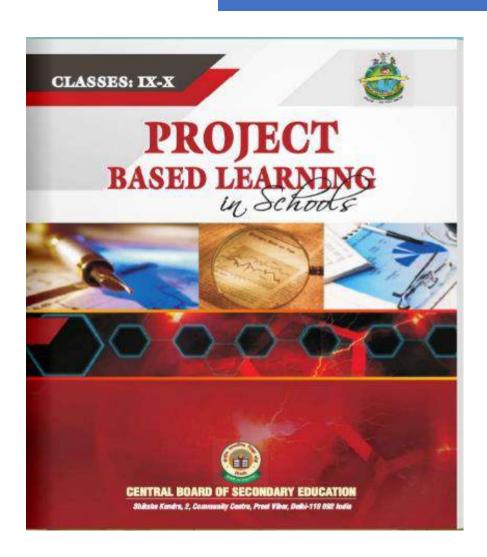








E Resources Developed for CBSE



Acknowledgements

Advisory

Dr. Satbir Bedi, IAS, Chairperson, CBSE

Over all Co-ordination

Ms. Sugandh Sharma, Additional Director & I/C Research & Innovation, CBSE

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- 3. Ms. Rina Singh, Principal, GD Goenka Public School, Ghaziabad
- 4. Ms. S. Radha Mahalakshmi, Ex. Additional Director, CBSE
- 5. Mr. Sandeep Sethi, Education Officer, CBSE

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- Ms. Sarita Tejwani, TGT (Science), KV Ujjain, Bhopal
- 3. Ms. Mamta Marwah, TGT (Science), St. Cecilia's School, Delhi

Social Science Section

1 Mr Mohini B Campean Principal









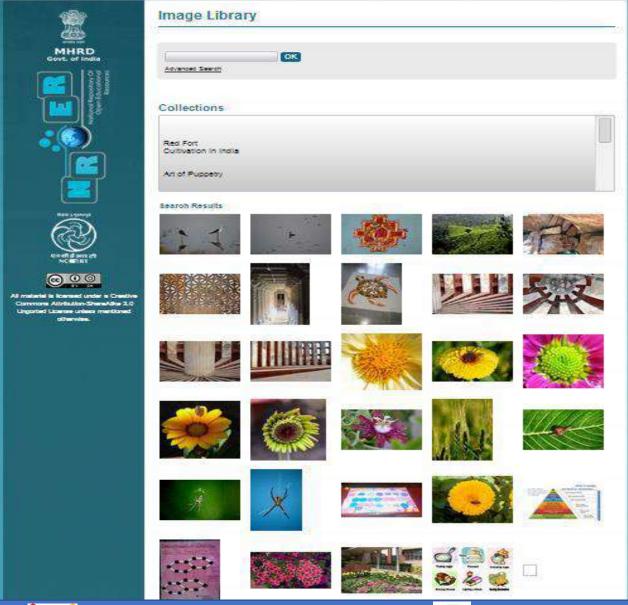
PROJECT-BASED

LE,

E Resources Contributor on NROER



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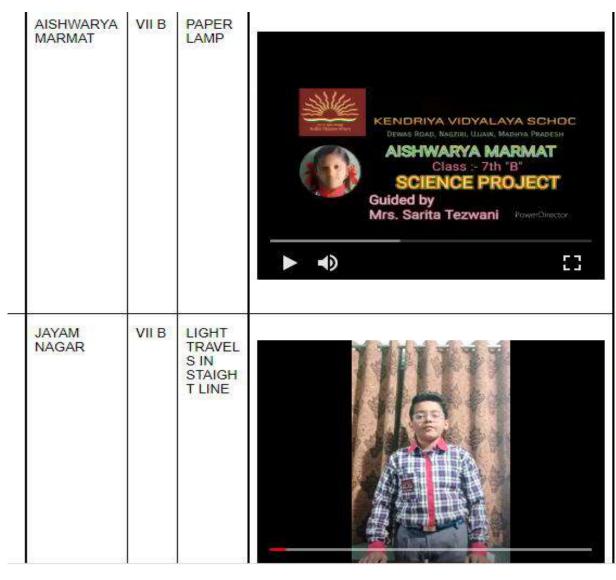


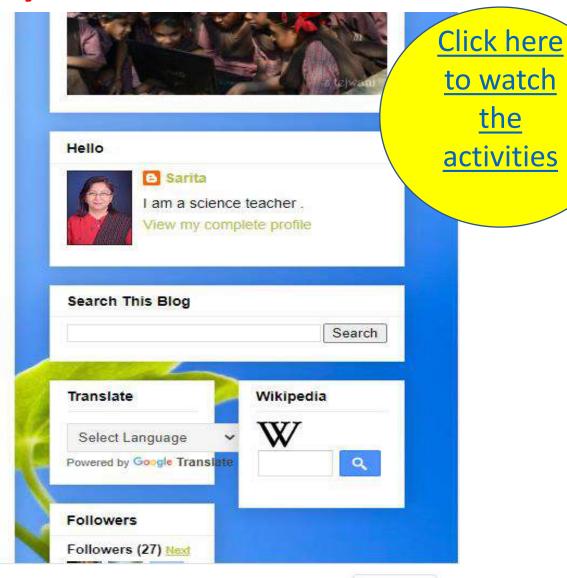






Science Activities by Students













Show all

Enrollment Under Swayam Program







SWAYAM ONLINE COURSE CERTIFICATION

This certificate is awarded to

SARITA TEJWANI

for successfully completing the Two credit course



Roll No:361532

ICT in Teaching and Learning

with the consolidated score of 69% marks

in the proctored examination held on 22.05.2019

offered by Dr. K. JAMES MATHAI

National Coordinator Director NITTTR, Chennai

Sarita Tejwani

Director NITTTR, Bhopal

To validate and check scores: http://swayam.gov.in/









Action Research for Teachers-National Council of Educational Research and Training



MOOC on Understanding Open Educational Resources







Participated in AI for Youth Virtual Symposium organized by CBSE and Intel for creating Guinness World Record 2020



NEP2020- AI for All













Innovative experiments undertaken

- 1. Environment awareness through short animated stories
- 2. Use of QR Codes to Enhance Learning in Science
- 3. Molecular Animations in Science
- 4. Concept maps in science teaching learning
- 5. Integration of technology through collaborative projects
- 6. Techies in the 21st century class: Peer Advantage
- 7. Innovative way of online activity-based teaching learning during pandemic

tejwani.sarita@gmail.com

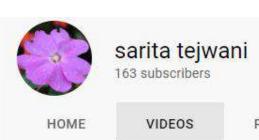
- 8. Interactive online science activities
- 9. Joyful activity-based teaching learning.







YouTube Channel



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Environment Awareness Through Short Animated...

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KVS FIT India

15 views • 2 days ago



World Nature Conservation Day 28 July

270 views • 1 week ago



Environment Awareness Through Short Animated...

262 views • 1 week ago



KV Ujjain environment awareness through short...

656 views • 1 week ago



Environment awareness through short animated...



Sarita Tejwani

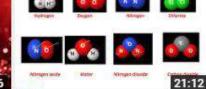
Students Performing
Science Activity- Class VI...



Integration of ICT in Science



Coal and Petroleum - NCERT : Class VIII Science



Is matter around us pure? -Part I- NCERT Science Clas...







74 views - 7 months and



Science Blog







Sarita Tejwani





Challenges can be obstacles, or they can be gateways to success

Thank You





Sarita Tejwani



