National ICT Awardee for School Teachers 2017

6 September 2022

CIET, NCERT, New Delhi

Presentation by:-

Amritpal Singh



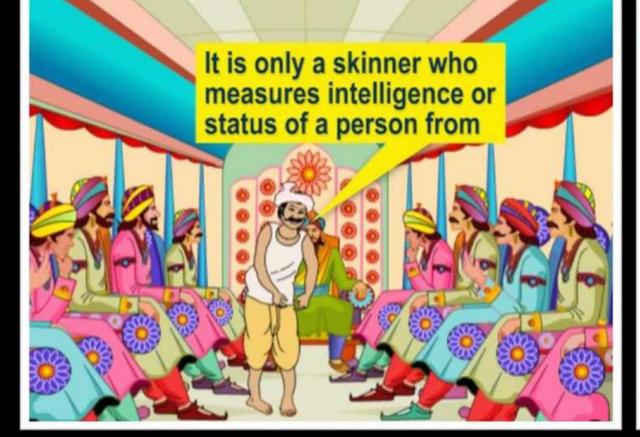
B.Sc.(Non-Med), M.A. (Education, English, Political Science, History), M.Com, M.B.A., B.Ed.

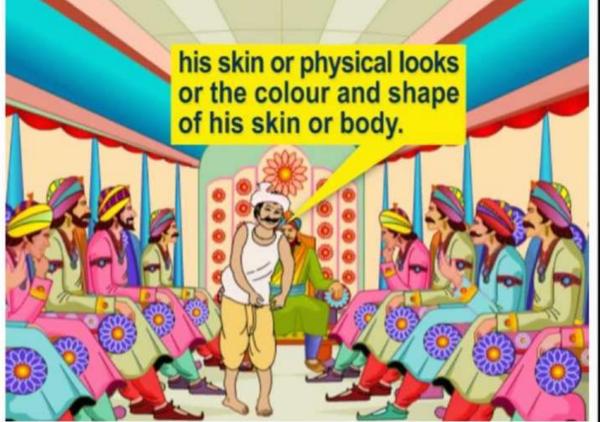
Government Senior Sec School, Harsha Chhina, Amritsar, Punjab

National Awardee for School Teachers–2017 *for*

"Using ICT for Innovations in Education"

1.	Name of the Teacher	Amritpal Singh
2.		master.amritpal@gmail.com 9501007073
	Mobile No:	
3.		2054 Friends Avenue Central Jail, Amritsar, Punjab
4.	School Name	Government Senior Sec School, Harsha Chhina, Amritsar, Punjab





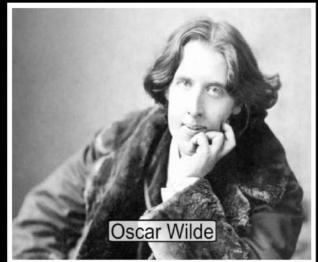
- Power Points from class VI to XII are prepared of English Subject
- More than 200 in number
- Cover whole syllabus
- Power points made by me are according to our syllabus thus the result will be a successful lecture. Students will be more likely to understand the material, and they will want to hear from me again.

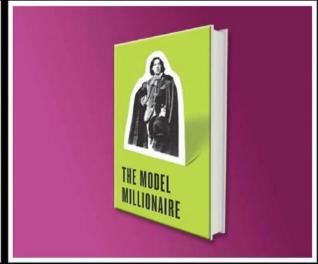


Subject : English

Class : X

Topic: The Happy Prince



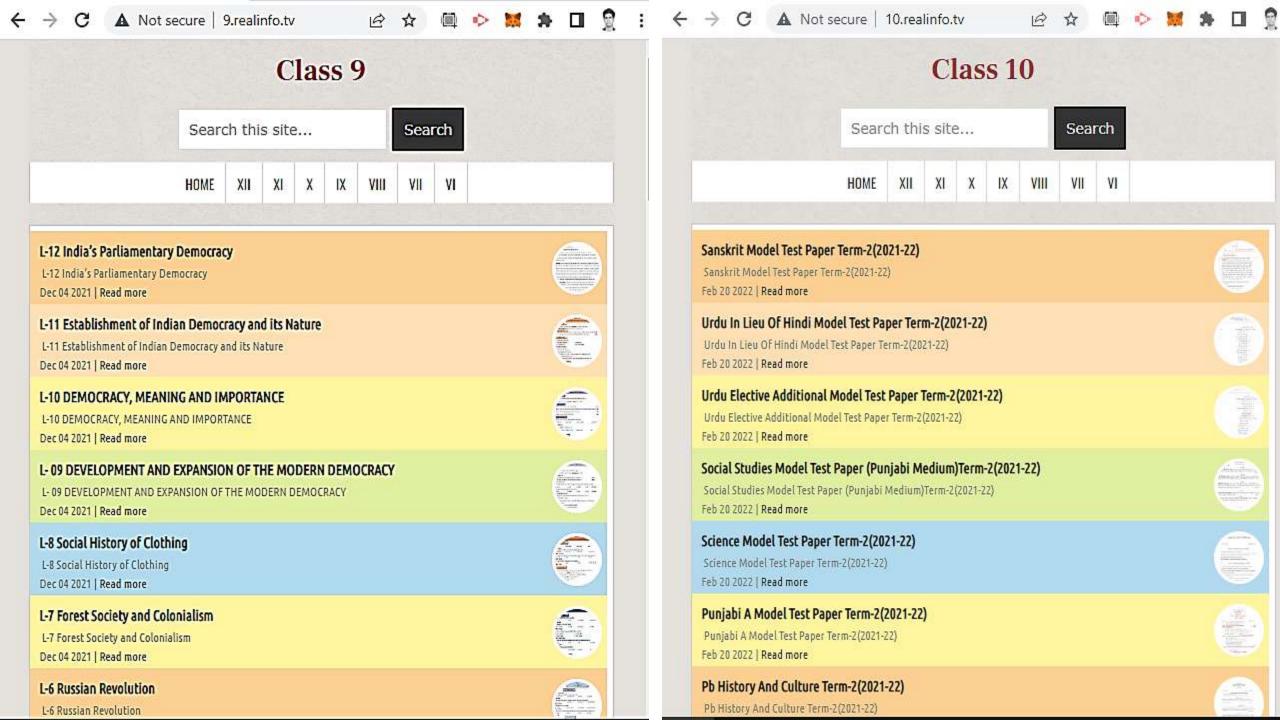


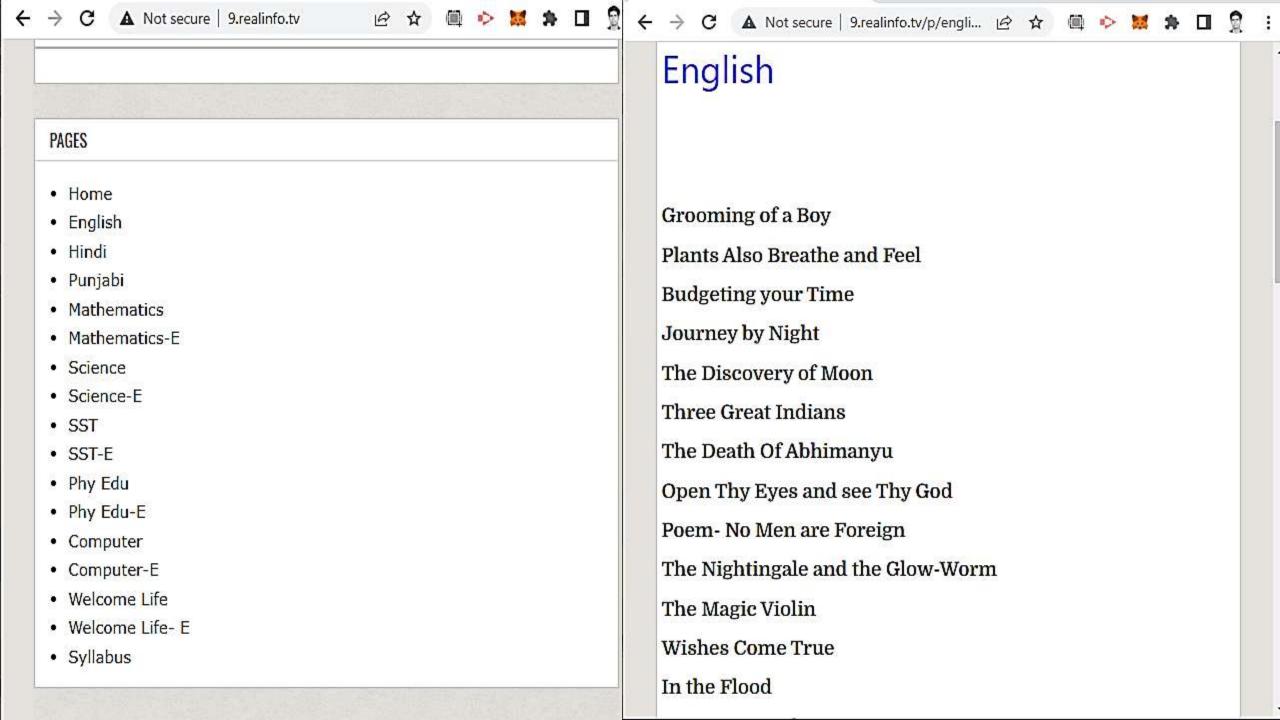
When used PowerPoint, images and graphs can illustrate complex ideas succinctly. They can prompt discussion, and the change of pace can keep students more interested. Using these items judiciously and intentionally can creates healthy environment in classroom.

As technology enters the classroom more and more each year, there are always new innovations being brought into the fold that can help teachers to get their points across better, and help students learn more efficiently. One such tool that has been utilized in the classroom for some time now and continues to be used heavily is the Microsoft PowerPoint program.

12.realinfo.tv 11.realinfo.tv 10.realinfo.tv 9.realinfo.tv

8.realinfo.tv 7.realinfo.tv 6.realinfo.tv



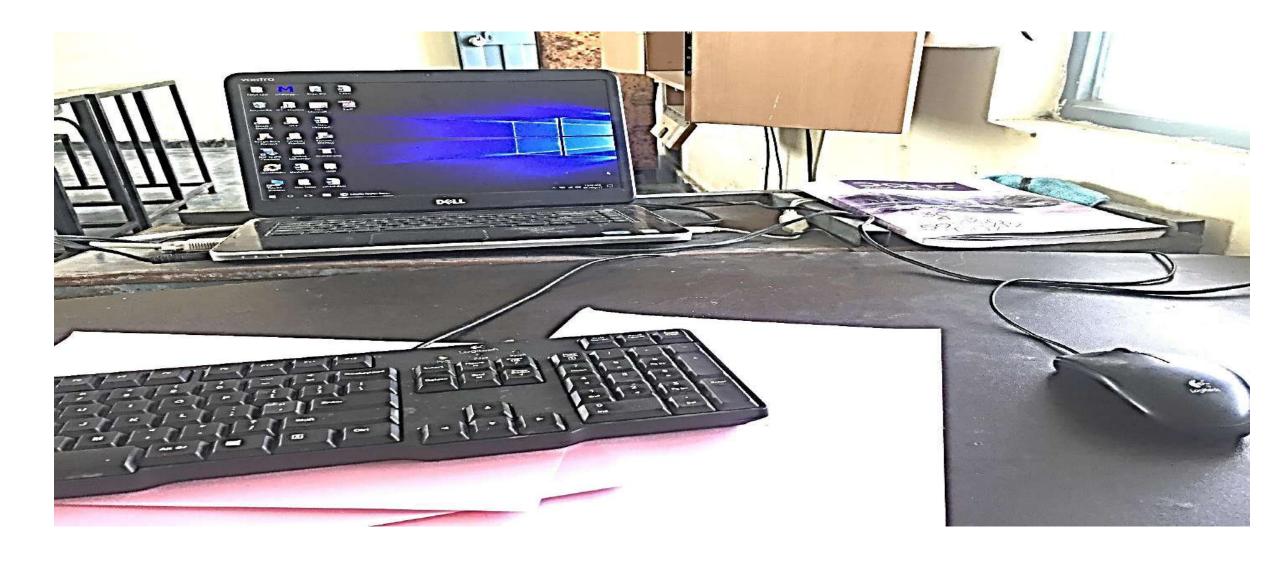


Students studying with help of Power Points





Laptop is connected with 32 inch LED



Class Exam on LED TV

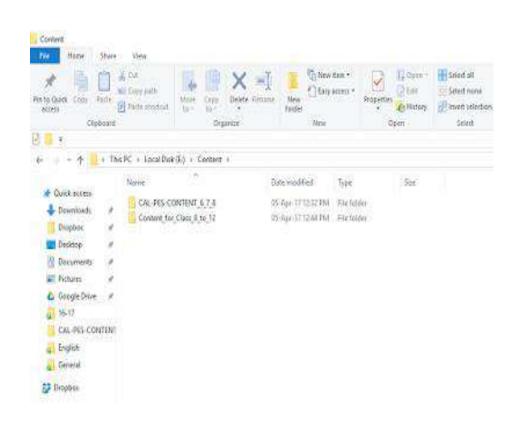


CAL Certificate and work



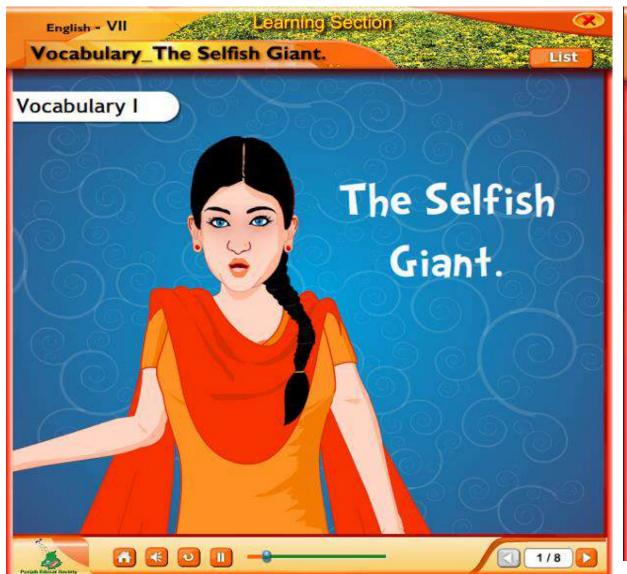
CAL Certificate and train many teachers to use multimedia episodes provided by Edusat society. Teachers are trained to make use of multi media episodes in their class rooms. More than 1000 teachers of Amritsar district are trained under this project.

- The Punjab Edusat Society has also developed 364 multimedia episodes for students in classes 6th to 8th on computer-aided learning for the subjects of Science, English, Mathematics and Social Studies.
 - These lectures are like revision classes for the students.
- These lessons can be used in E Library or even by ROT (Just need to install PC with it)
 - You may copy content from E Library and use at ROT with PC
 - If you open Edusat Content from D Drive
- You will see two yellow folders as shown below



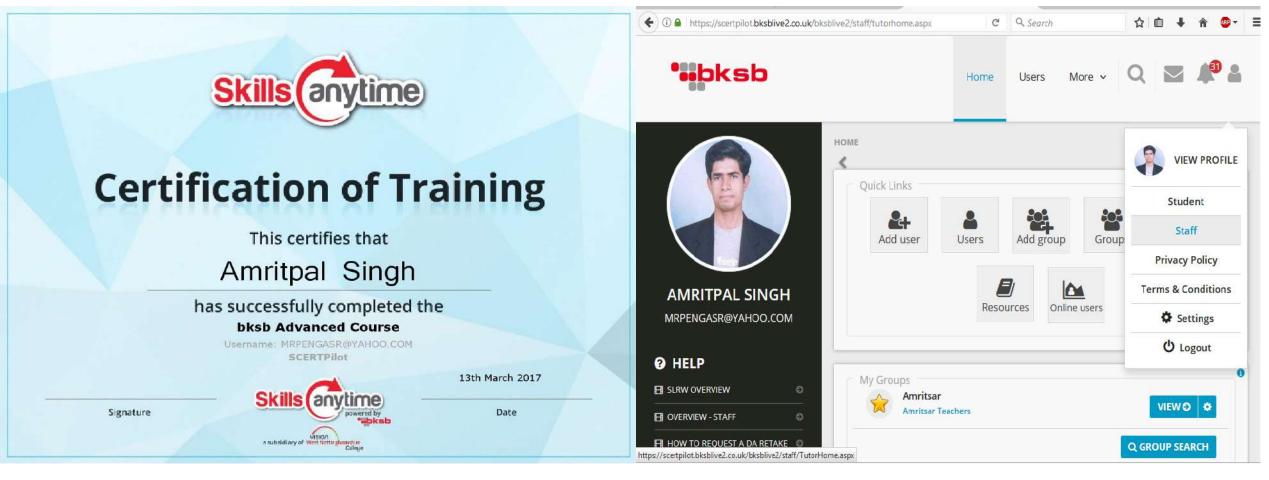








Skill Anytime Online course (Group Leader)



Skill Anytime Online course and act as Group Leader for Amritsar team. This was first ever project of online course for Teachers in Punjab. It's completed in Advanced Level and also guided whole team of Amritsar Team to complete it within time limit.

Teaching by Videos



Huge collection of Offline Videos as in our Punjabi medium govt schools only one teachers communicate in English that is English Teachers thus Students have very less opportunity to develop listening skill in target language in this case this collections of videos helped a lot.

Use of AV material provided by British Council in classroom teaching



With my own collection, I have Audio Video material provided by British Council, I was associated with British Council for more than six years in their two major projects in Punjab and those are PELTI and PEEP

to check meaning

Project Work: One

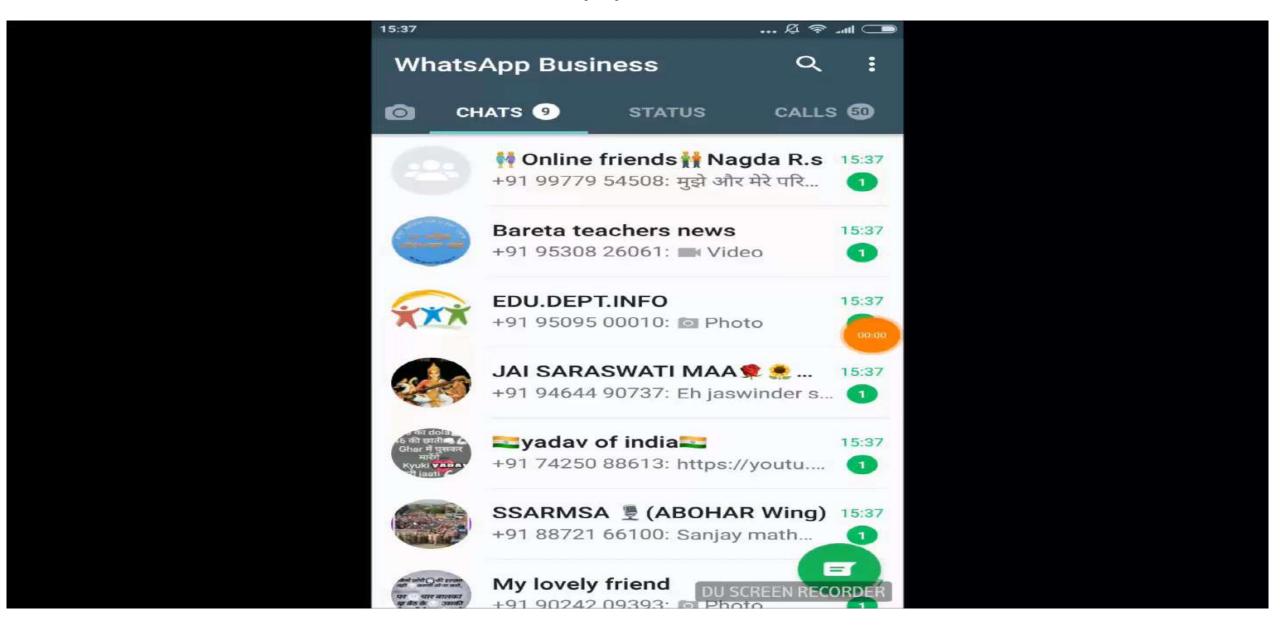
Teaching Learning by Using WhatsApp Application



Educational teaching and learning utilizing ICT is a decent path to the advancement of the information and correspondence innovation in this time. The current pattern in ICT is informal organization and WhatsApp application are among other. In any case, there are still not very many individuals understand that by utilizing WhatsApp can enhance their educational abilities.

WhatsApp is sending instant message as well as can records and message in broadcasting lists or groups. We can share instructive and learning assets and we can make an Whatsapp Groups with respect to many subjects. We can make inquiries in any subjects and send it crosswise over to all individuals by chat option, or begin an important talk on ideas we have to see much better. WhatsApp application can be utilized to take in the dialect aptitudes, sciences and even in mathematics. All you needed is to make your mind to start it. Further review on this matter is expected from you all people.

More than 500 WhatsApp of Students & Teachers









Mashaal is a project to introduce psychological counseling for students facing personal problems and scholastic challenges. It also aims to impart career guidance to assist students in making informed educational and occupational choices.

Home page of Mashaal



Utility of Mashaal Website

- 1. Mashaal website is interactive and mobile friendly so students can easily access on their mobiles.
- 2. It provides psychological counseling for students facing personal problems and scholastic challenges.
- 3. It also aims to impart career guidance to assist students in making informed educational and occupational choices.
- 4. It is also beneficial for students careers as it will provide regular updates of admission / entrance test,
 important dates of various courses of educational institutions.
- 5. It provides useful articles for students and teachers plus our counsellors also.
- 6. Video lecturers of the State resource persons will be also available on this website for future references which helps to save time, energy and economic resources of our department.
- 7. Website is fully connected with social media like Facebook, Twitter and YouTube which ease to access the students and the teachers.
- 8. As our website is interactive so students can easily interact with school counsellor or district counselor or state coordinator to get the solution of their problems.
- 9. Website will provide regular updates of employment opportunities available in our state and country.

ADVISORY PROGRAMS ON EDUSAT 74E



Project Work:Two

School Education & Higher Education by Satellites

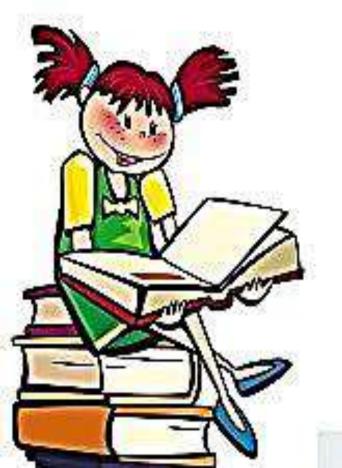
GSAT-3, known as EDUSAT 74E

G_{-}	lat	15	93	5 F
<u>U-</u>	Ja c	TO		J.JL

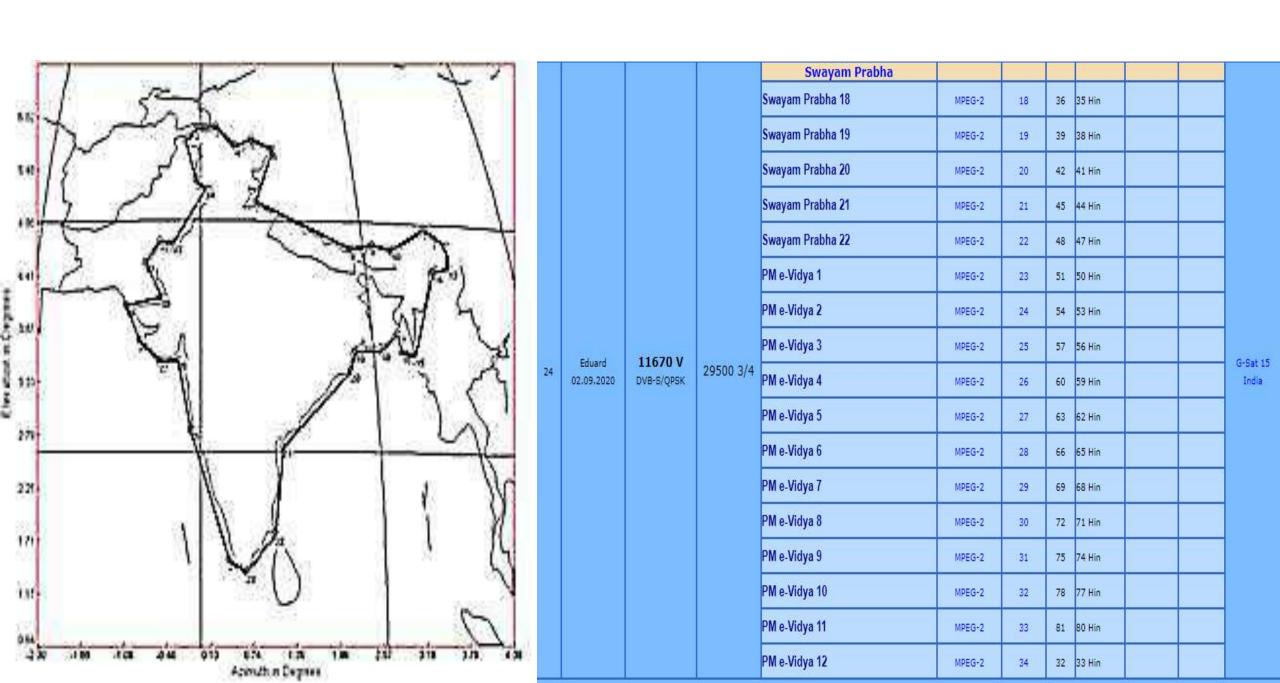
	11520 H DVB-S/MPEG-2	1700 3/4	RGPEEE	w F				
	11523 H DVB-S2	1700 3/4	BISAG 1	w F	513	4113	1	
	11526 H DVB-S/MPEG-2	1700 3/4	BISAG 2	w F	523	4123	1	
			Utkarsh					
		5000 7/8	Utkarsh Channel 1	w F	257	258 Hin	1	
	11578 H DVB-S/MPEG-2		Utkarsh Channel 2	w F	513	514 Hin	2	
			Utkarsh Channel 3	w F	769	770 Hin	3	
			Utkarsh Channel 4	w F	1025	1026 Hin	4	
	11666 V DVB-S2/8PSK	2000 5/6	VICTERS	w F	257	258 Hin	1	
		2965 3/4						
	11681 V DVB-S/MPEG-2		Vidya Vahini	w F	769	770 Hin	3	
	210 0/11/10 2		VTU Learning (Mon-Fri 09-17 IST)	w F	1025	1026 Hin	4	
	11685 V DVB-S/MPEG-2	2900 7/8	School Net	w F		Hin		

			Swayam Prabha					
			Swayam Prabha 1	F	33	32 Hin	1	
			Swayam Prabha 2	F	78	77 Hin	2	
			Swayam Prabha 3	F	75	74 Hin	3	
			Swayam Prabha 4	F	72	71 Hin	4	
			Swayam Prabha 5	F	69	68 Hin	5	
			Swayam Prabha 6	F	66	65 Hin	6	
			Swayam Prabha 7	F	63	62 Hin	7	
22	11590 V		Swayam Prabha 8	F	60	59 Hin	8	G-Sat 15
Eduard 01.01.2017	DVB-S/MPEG-2	29500 3/4	Swayam Prabha 9	F	57	56 Hin	9	India
			Swayam Prabha 10	F	54	53 Hin	10	
			Swayam Prabha 11	F	51	50 Hin	11	
			Swayam Prabha 12	F	48	47 Hin	12	
			Swayam Prabha 13	F	45	44 Hin	13	
			Swayam Prabha 14	F	42	41 Hin	14	- - -
			Swayam Prabha 15	F	39	38 Hin	15	
			Swayam Prabha 16	F	36	35 Hin	16	
			DigiShala	F	81	80	33	
			Swayam Prabha					
	11670 V DVB-S/MPEG-2	29500 3/4	Swayam Prabha 17	F	33	32 Hin	17	
			Swayam Prabha 18	F	36	35 Hin	18	
			Swayam Prabha 19	F	39	38 Hin	19	
			Swayam Prabha 20	F	42	41 Hin	20	
			Swayam Prabha 21	F	45	44 Hin	21	
			Swayam Prabha 22	F	48	47 Hin	22	
24			Swayam Prabha 23	F	51	50 Hin	23	
DX Süvi			Swayam Prabha 24	F	54	53 Hin	24	G-Sat 15 India
08.02.2017			Swayam Prabha 25	F	57	56 Hin	25	
			Swayam Prabha 26	F	60	59 Hin	26	
			Swayam Prabha 27	F	63	62 Hin	27	
			Swayam Prabha 28	F	66	65 Hin	28	
			Swayam Prabha 29	F	69	68 Hin	29	
			Swayam Prabha 30	F	72	71 Hin	30	
			Swayam Prabha 31	F	75	74 Hin	31	
			Swayam Prabha 32	F	78	77 Hin	32	
			<u> </u>					

PM e-VIDYA







Use of swayam prabh / e vidya channels in my School











SWAYAMPRABHA

 The SWAYAM PRABHA is conceived as a group of 32 DTH channels devoted to telecasting of high-quality educational programmes on 24X7 basis using the GSAT-15 satellite. Every day, there will be new content for at least (4) hours which would be repeated 5 more times in a day, allowing the students to choose the time of their convenience. The channels are uplinked from BISAG, Gandhinagar. The contents are provided by NPTEL, IITs, UGC, CEC, IGNOU, NCERT and NIOS. The INFLIBNET Centre maintains the web portal.

The DTH Channels shall cover the following:

- a). Higher Education:
- b). School education (9-12 levels):
- c). Curriculum-based courses that can meet the needs of life-long learners of Indian citizens in India and abroad.

Free DTH Channel for Education

d). Assist students (class 11th & 12th) prepare for competitive exams.

74E Plus 93.5E





The SWAYAM PRABHA is conceived as a group of 32 DTH channels completely devoted to telecasting high-quality educational programmes on 24X7 basis using the (2)GSAT-15 transponders.

CAREER VAN

















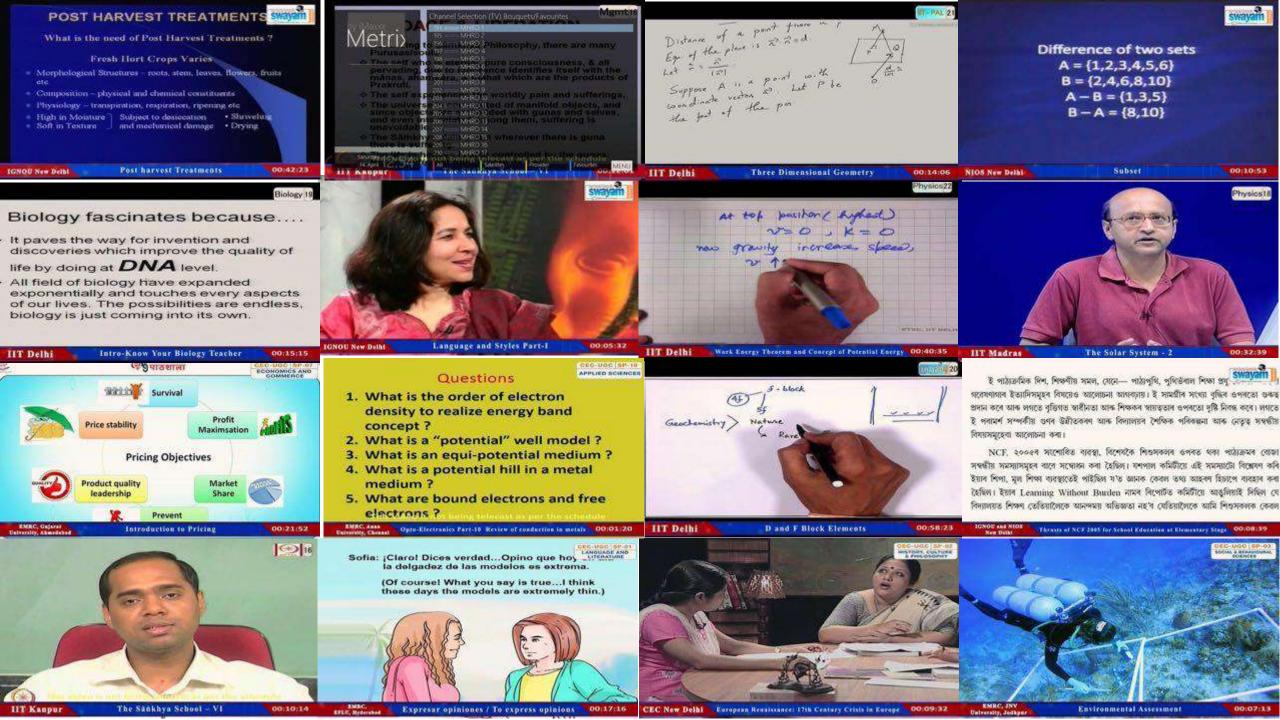


To setup Edusat & G-Sat ROT is very cheap, all you need are:-

- 1. Satellite Dish
- 2. LNB
- 3. STB

And it will cost between 900 rs to 1500 rs to make entire setup (TV is excluded) Dish size should be 60cm or more and you will get all 32 TV channels.





Prime Minister Shri Narendra Modi launched SWAYAM PRABHA is a group of 32 DTH to take education to the remotest corners of the country on Sunday July 2017 but I have been researching and guiding students about it since 2016 that is why this project is National ICT Award 2017.

In 2016 these channels were in TEST Format from 93.5 EAST

I caught them while doing some experiments in my workshop, and from that very day teaching and guiding people to install setup to have these channels.

Our neighbours countries like Pakistan and China also have some educational channels but it's great hounour to know that there number of channels are much less than ours.

China Educational TV Channels

China ETV-1
China ETV-3
China ETV-4
China ETV-5

Pakistan Educational TV Channels

	7500 3/4	Virtual University	w		
3755 V		Virtual TV 1	w F	33	36 Urd
DVB-S2/8PSK		Virtual TV 2	w F	35	37 Urd
MPEG-4		Virtual TV 3	w F	40	41 Urd
		Virtual TV 4	w F	42	43 Urd

More than 200 Families have been guided personally to have this setup at boarder area of Amritsar directly and thousands people via 500 Whatsapp Groups & Blog <u>www.ictedu.in</u> all over



Satellite Workshop at my Residence where Students come to learn to have 32 satellite channels of MHRD for school & higher education.

Project Work Three Educational Blog







SEARCH THIS BLOG

HOW TO SETUP

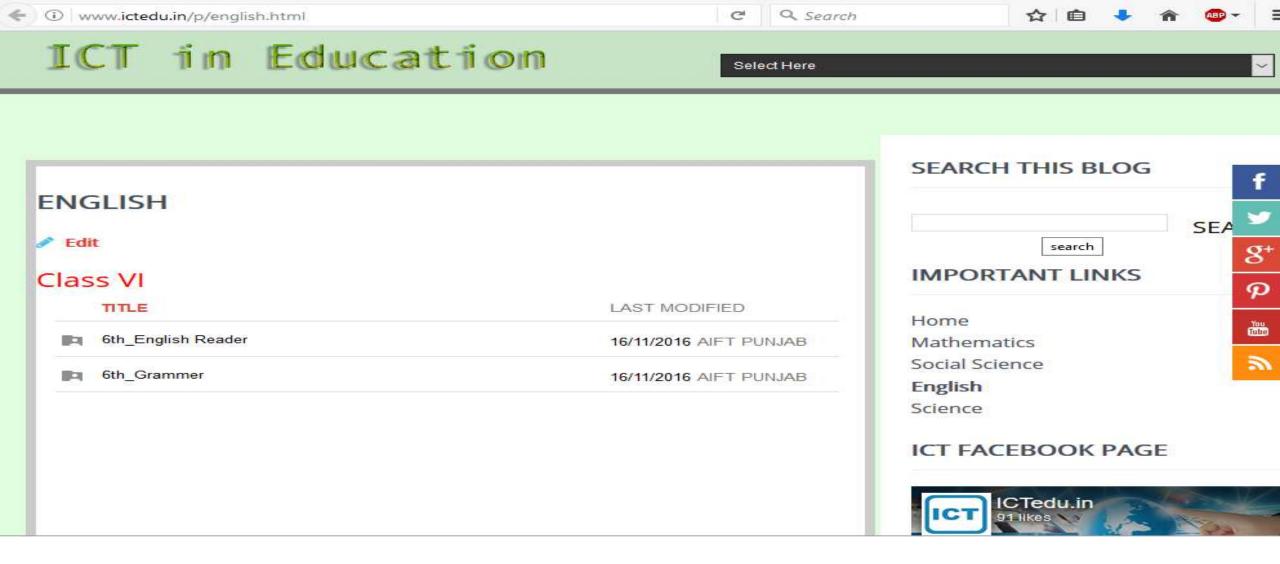


Importance of Teacher Blogging

We believe that it is necessary for teachers to be writers and to share our strategies, lessons, and resources with one another, as we are able to provide glimpses into our daily lives, while sharing effective ideas that are

salistia and alassmann tosted. In the nast

BLOG IN BLOGGER



One mega Project Work as "Educational Blog" <u>www.ictedu.in</u> and it's for both Teachers & Students. It's full of information and very useful. This blog consists of all chapters and solved answers of questions. It is available for all teachers and students worldwide.

Project Work Four Teachers' Training

Certificate by In Service Traning
Center Principal of appreciation for
making use of Information &
Technology in Teachers' Training

GOVT. INSERVICE TRAINING CENTER, RAMBAGH, AMRITSAR.

Ref No: 10 4

Dated: 31/5/17

To whom it may concern

It's certified that Amritpal Singh (MRP English) made adequate use of ICT in his seminars while trainings of teachers in session 2015-16 and 2016-17 at Govt Inservice Training Center Amritsar. He delivered two topics "Use of ICT in Education" and "Cyber security" to various subject teachers to make teachers aware of use of ICT in education. I personally appreciate him for his work.

Govt In-service Training Center Rambagh, Amritsar.

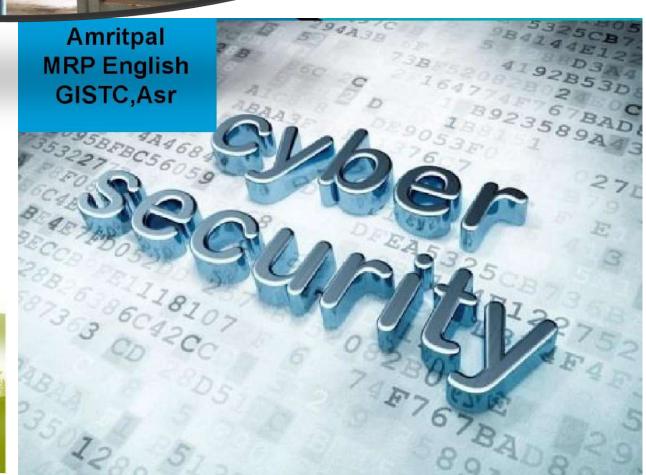


The role of ICT in education

How we can improve teaching and learning in an effort to become a more aware of the dynamic world around us.

Information and Communications Technology (ICT)





Research paper presentation at NCERT To improve English in Rural Schools by use of ICT

NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING Sri Aurobindo Marg, New Delhi 110016



National Conference on English Language Teaching-learning in Rural Areas and English as Medium of Instruction March 20 -23, 2017

CERTIFICATE

This is to certify that		2	MRITPAL	SINGH	LENGLISH	MASTER)			
				presente	ed a paper titled,	ENGLISH	As	A	MEDIUM
OF	INSTRUCTION	IN	INDIA.						
			/parti	cipated in t	he National Cor	nference on E	nglish	Lan	guage Teaching-
learn	ing in Rural Area.	sand	English as	Medium of	Instruction org	ganised by the	Depar	tmen	t of Education in
Lang	uages, NCERT, Nev	v Delh	i 110016 froi	n March 20	-23, 2017.				

23 March 2017 New Delhi

(K.C. Tripathi) Professor & Head

Extempore Speech to tell benefits of use of technology in classroom



Lecture on topic "How Information Technology can help in culture propagation"





सांस्कृतिक स्रोत एवं प्रशिक्षण केन्द्र CENTRE FOR CULTURAL RESOURCES AND TRAINING

15ए, सेक्टर-7, द्वारका, नई दिल्ली-110075 • 15A, Sector-7, Dwarka, New Delhi-110075

प्रमाणित किया जाता है कि

अमृतपाल सिंह

ने 27 सितम्बर से 07 अक्टूबर, 2016 तक मुवाहाटी में ''प्राकृतिक एवं सांस्कृतिक विरासत के संरक्षण में स्कूलों की भूमिका'' विषय पर आयोजित कार्यशाला में भाग लिया है।

(रिगरीय कि कोशी)

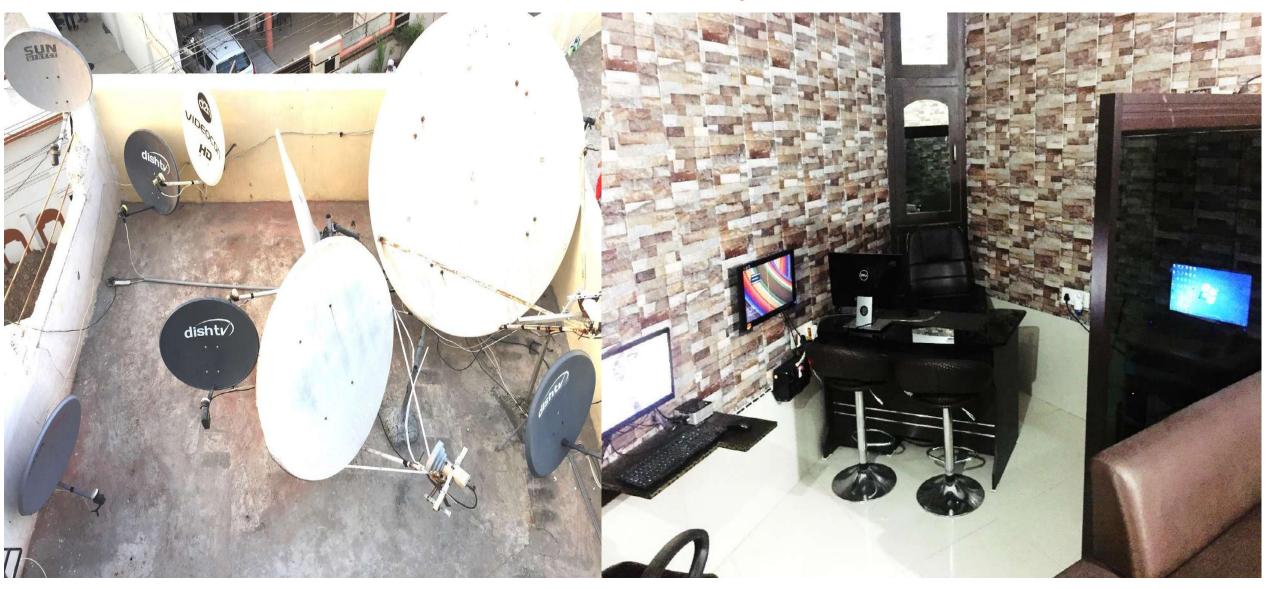
this is to certify that

AMRITPAL SINGH

has attended the workshop on "role of schools in conservation of the natural & cultural heritage" organised at guwahati from september 27 to october 07, 2016.

(Girish Chandra Joshi)

ICT is in Life Style



Roof of my House act as Satellite Workshop



Websites of Smart Schools





Government of Punjab

Department of School Education

HOME

SMART SCHOOLS

STATE COORDINATOR

DISTRICT COORDINATOR

SRI

CONTACT US



General terms and conditions

AMRIT - NOVEMBER 10, 2019 - 0 COMMENTS

General terms and conditions i) The SMC will ensure to contribute 60% (in the form of in cash or kind) as per the budget shown in Scho...

CONTINUE READING...



Evaluation

AMRIT - NOVEMBER 10, 2019 - 0 COMMENTS

Evaluation Evaluation of smart school at the end of every academic year shall be done on the basis of following parameters (in comparis...

CONTINUE READING...



Name of the Block within a school

AMRIT - NOVEMBER 10, 2019 - 0 COMMENTS

Name of the Block or building within a school Anybody may contribute for the improvement of infrastructure in the school as per its requ...

CONTINUE READING...



Area in which NGOs can participate

AMRIT - NOVEMBER 10, 2019 - 0 COMMENTS

Area in which Corporate Houses, Industrial Houses, NGOs and NRIs can participate: i) Construction/repair & maintenance of school bu...

CONTINUE READING...



Funding Pattern

AMRIT - NOVEMBER 18, 2019 - 6 COMMENTS Funding Pattern The requirements of funds for developing smart schools will be met by the State and community participation in ratio of...



SMART SCHOOL

- Home
- Boundary Wall
- BALA
- School Gate
- Smart Uniform
- Teacher Training
- Digital Education
- Mid-Day-Meal
- Display Board
- Furniture
- Wipe Boards
- Landscaping
- CCTV Cameras
 Multipurpose Activity Room
- Sound System
- School Head Office
- Educational Parks
- Sports
- Colour Coding
- Boundary Wall
- Drinking Water
- Solar Power System
- Washroom
- Edusat
- Science Laboratory
- School Counsellor
- Library
- About Us
- Smart Schools
- District Coordinator
- Smart Schools Criteria
- SRP
- State Coordinator
- Contact Us

POPULAR POSTS

Why Blogger?

- It Is ABSOLUTELY FREE
- It Is User-Friendly (Even For A Beginner): Ease of Use
- No Limitation On Number of Visitors
- Search engine optimization
- Plugins and support
- Theme and templates: Easy HTML codes.
- Integration of Multiple Accounts: Integrated Login with Your Google Account
- Backed up by Google: The Blogger is Google's product.
- Online Support: A large blogger community to help you out.
- High-speed server for faster loading speed.
- Security: HIGHLY SECURED: EFFECTIVE SPAM CONTROL

- How can ICTs help expand access to education?
- ICTs are a potentially powerful tool for extending educational opportunities, both formal and nonformal, to previously underserved constituencies scattered and rural populations, groups traditionally excluded from education due to cultural or social reasons such as ethnic minorities, girls and omen, persons with disabilities, and the elderly, as well as all others who for reasons of cost or because of time constraints are unable to enroll on campus.

- 1. Anytime, anywhere.
- 2. Access to remote learning resources.
- 3. Motivating to learn.
- 4. Facilitating the acquisition of basic skills.
- 5. Enhancing teacher training.
- 6. How can ICTs help transform the learning environment into one that is learner-centered?
- 7. Active learning.
- 8. Collaborative learning.



Any Questions?