

# MY ICT JOURNEY

GOPAL VEERANALA M.Sc. B.Ed.,

GAZETTED HEADMASTER

RANGA REDDY DIST.- TELANGANA

## PROFESSION

### COMPLETED 24 YEARS OF SERVICE,

- **Appointed as**  
School Assistant (Bio- Science) in 1998
- **Promoted as**  
Gazzeted Headmaster in 2009
- **Worked as**  
Mandal Educational Officer for 3 years
- **Presently working as**  
State Academic Monitoring Officer,  
Samagra Shiksha Telangana



## CERTIFICATES

- Microsoft Project Shiksha Certificate
- BrainBench Master Certificate on Computer Fundamentals
- Android Developer Certificate from UDACITY

## AWARDS

- Innovative Teachers Leadership Award from Microsoft in 2005
- National ICT Award in 2019-20



Gopal Veeranala

# MY ICT JOURNEY

## 4 Stages

- First Steps
- Implementation
- Problem Solving
- Expanding

1 Using ICT for Continuous Professional Development of self and other stakeholders.

My Journey using ICT started in the year 2003  
making Digital Lessons in my Subject

OBJECTIVE CRITERIA DETAILS

6CO<sub>2</sub> + 12H<sub>2</sub>O → C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> + 6H<sub>2</sub>O

SCHOOL LEVEL QUIZ COMPETITION

HUBBLE

2 Contribution in development of Innovative software or hardware useful for teaching-learning-assessment

Developed Software in Visual Basic for Library Management  
Easy to use Software to save a lot of Time

IMPLEMENTING ICT

Gv-Library System

School Library System

RANGA REDDY DISTRICT  
TELANGANA STATE

Issue Receive Reports Students Books

Receive & Issue New << EXIT >> Backup Database

3 Contribution in Development of Web portal, Mobile app, LMS etc. for teaching-learning-assessment

Developed LMS Websites  
WWW.RRBADI.COM (for both HS & PS) & WWW.MEDCHALBADI.COM

PROBLEM SOLVING

RRBADI.COM

24 HRS ONLINE LESSONS

ALL LESSONS

Welcome to  
RANGA REDDY BADI  
Online School

for Ranga Reddy District Government Schools Students

VIEW LESSONS

Add your question

Add your answer

4 Development & Publication of E-content through DIKSHA, NROER, YouTube, LMS, web portal or mobile App

Developed Online Q&A Tool for Students (UnRawvel)

EXPANDING

UnRawvel

Add your Question

UnRawvel

UnRawvel

# First Steps

## ◇ Passion to Learn Computers - 1999 Started Learning Computers

### **TECHNICAL SKILLS (ACQUIRED BY MYSELF)**

- Programming
- App Development
- CMS & LMS Development
- Web Designing & Developing
- Graphic Designing & Editing
- Audio and Video Editing
- PC Assembling & Troubleshooting
- Windows and Linux Installation & Networking
- YouTube Content Creation &
- Microsoft (Insider) Beta Testing

# First Steps

- ◇ 2002-03 Started Using in Classroom
- ◇ 2005 Microsoft Project Shiksha
- ◇ Innovative Teacher Leadership Award & Visiting South Korea (SEOUL) for studying EBS (Education Broadcasting System)



Studying about ICT and learning new methods to implement it.

Study of EBS System at S.Korea





# Implementing ICT

- ◇ **2006-07 – Develop Content**
  - ◇ Content Creation for SSA
- ◇ **2008 to 2018 – Use All ICT Tools together**
  - ◇ Digital Classes
  - ◇ Developed Teacher Tools
  - ◇ Administrative Tools
  - ◇ Library Management Tool
  - ◇ Quiz Conducting Tool
  - ◇ Computer Training to Students



6(iv) Helping Enhancing learning outcomes among students through integration of content, pedagogy & technology

IMPLEMENTING ICT – DIGITAL CLASS





## Various assessment strategies in the regular classroom teaching

Class	Key Subject/ Stream	Total Student	Percentage of Students in each Grade*					Subjects with consistent low	SUB	Check
			A	B	C	D	E			
VIII	Language-I	108	32	33	36	7	0	Science	TEL	10
	Language-II	108	30	31	42	5	0		ENG	10
	Maths	108	32	30	45	1	0		MAT	10
	Science	108	21	45	33	9	0		SCI	10
	Social Science	108	37	34	33	4	0		SOC	10
IX	Language-I	118	38	33	38	9	0	Language-II	TEL	10
	Language-II	118	29	37	39	13	0		ENG	10
	Maths	118	38	33	35	12	0		MAT	10
	Science	118	34	35	36	13	0		SCI	10
	Social Science	118	35	43	28	12	0		SOC	10
X	Language-I	103	44	25	34	0	0	NONE	TEL	10
	Language-II	103	31	40	32	0	0		ENG	10
	Maths	103	34	27	42	0	0		MAT	10
	Science	103	39	38	26	0	0		SCI	10
	Social Science	103	33	34	36	0	0		SOC	10



# Time saving Administrative Tools

IMPLEMENTING ICT - ADMINISTRATIVE TOOLS

SCHOOL: ZPHS BOYS SHABAD

SHABAD

IA: BHAV

NO: 6217

DECE

BALANCE

**BALANCE 1437.49**

**MID-DAY MEALS PROGRAMM**

MONTH	ENROLLED			PROFIT			MONEY PAID IN			RICE ACCOUNT	
	NO	AMT	TOTAL	NO	AMT	TOTAL	NO	AMT	TOTAL	OPEN	CLOS
LAST MONTH RICE BALANCE											
1	228	228	228	191	190	228	88	88	216	25.00	0
2	228	228	228	184	184	228	44	44	272	25.00	0
3	228	228	228	194	194	228	34	34	276	25.00	0
4	228	228	228	194	194	228	34	34	276	25.00	0
5	211	211	211	190	190	211	21	21	265	25.00	0
6	280	280	280	182	182	280	98	98	272	25.00	0
7	0	0	0	0	0	0	0	0	0	0.00	0
8	0	0	0	0	0	0	0	0	0	0.00	0
9	0	0	0	0	0	0	0	0	0	0.00	0
10	0	0	0	0	0	0	0	0	0	0.00	0

**MID-DAY MEALS PROGRAMME**

MANDAL: SHABAD SCHOOL: ZPHS BOYS MEDICAL MONTH:

NAME OF THE IA: BHAVANI GOUD A/R NO.:

SLIP	NO. OF CHILDREN ENROLLED	TOTAL	NO. OF CHILDREN ATTENDED		TOTAL	NO. OF CHILDREN QUITS MONTH		TOTAL
			Free	Other		Free	Other	
1	228	228	191	190	228	88	88	228
2	228	228	184	184	228	44	44	228
3	228	228	194	194	228	34	34	228
4	228	228	194	194	228	34	34	228
5	228	228	190	190	228	38	38	228
6	280	280	182	182	280	98	98	280

**UPS Enrolled ?**

No of Students Enrolled in UPS? 280

280

OK Cancel

Presented By



**Teachers & students of  
ZPHS Gundla Pochampally  
Medchal (M)  
RangaReddy Dist. AP**

**Teachers**

G.Rajeshwari  
K.Sampath Kumar

**Students**

G. Santosh Kumar  
N. Prasad  
A.Arun  
U.Praveen  
M.Ganapathi  
K. Saicharan  
T. Suresh  
M.Roja  
K.Saisree  
P.Naga Bhushanam



6(ii) Helping in achieving 21st Century skills  
Cooperation, Collaboration, Communication, Creativity, Critical thinking, Integration

IMPLEMENTING ICT – STUDENT PROJECTS



The screenshot shows a YouTube video player interface. The main video is titled "SPIDERMAN-STOP MOTION VIDEO" by the channel "zphsgppally". The video content shows a Spiderman action figure on a white surface, surrounded by various objects like a blue pen, a paperclip, and a small white object, illustrating a stop motion sequence. The video has 72 views and 2 likes. Below the video player, there are several recommended videos:

- Deshapathi Srinivas Speech @ Medchal 18.12.12 Part II by ashokkumar munikuntla (11,266 views)
- One Rupee Can Do Alot by zphsgppally (47 views)
- Indian Culture & Traditions it's Scientific importance by zphsgppally (41 views)
- Deshapathi Srinivas Speech @ Medchal 18.12.12 Part III by ashokkumar munikuntla (3,000 views)
- I am Malala... by zphsgppally (62 views)
- Vote for a Better India by zphsgppally (18 views)
- Sri ramalingeswara swamy jath medchal, Hyder...



The image shows a screenshot of a BASIC program running in a DOS-style window. The window has a menu bar with 'File', 'Edit', 'View', 'Search', 'Run', and 'options'. The 'Run' menu is open, showing options: 'Start' (F5), 'Start (Detached)' (Ctrl+F5), and 'Make EXE only' (F11). The program code is as follows:

```
DIM Num(5) AS INTEGER
DIM X AS INTEGER
DIM Sum AS INTEGER

CLS

Num(1) = 15
Num(2) = 20
Num(3) = 5
Num(4) = 10
Num(5) = 10

PRINT Num(5)
```

The status bar at the bottom of the window displays 'Status' and '14:1'.

# My best Use of ICT

- ◆ 2019-20 LMS websites & Teacher Training
  - ◆ for helping more than 13 Lakh Students during the lock-down period,
  - ◆ Developed LMS Websites for Medchal & Ranga Reddy Districts
  - ◆ Trained more than 350 Teachers
  - ◆ Developed Online Test Tool ( H5P Content hosting) for integrating in to this LMS
  - ◆ Conducted various Webinars to Teachers & Students on Online Classes

Learn &amp; Innovate

# Teachers join hands to develop web-based classes

Government school teachers in Medchal make video lessons as an alternative to online classes

YUVRAJ AKULA  
HYDERABAD

Far from the IT corridor of Hyderabad, away from the glitz and spectacles of the capital city, a few government school teachers are stretching the worldwide web to include their students and help them catch up with their studies without the Covid-19 pandemic robbing them of precious academic time.

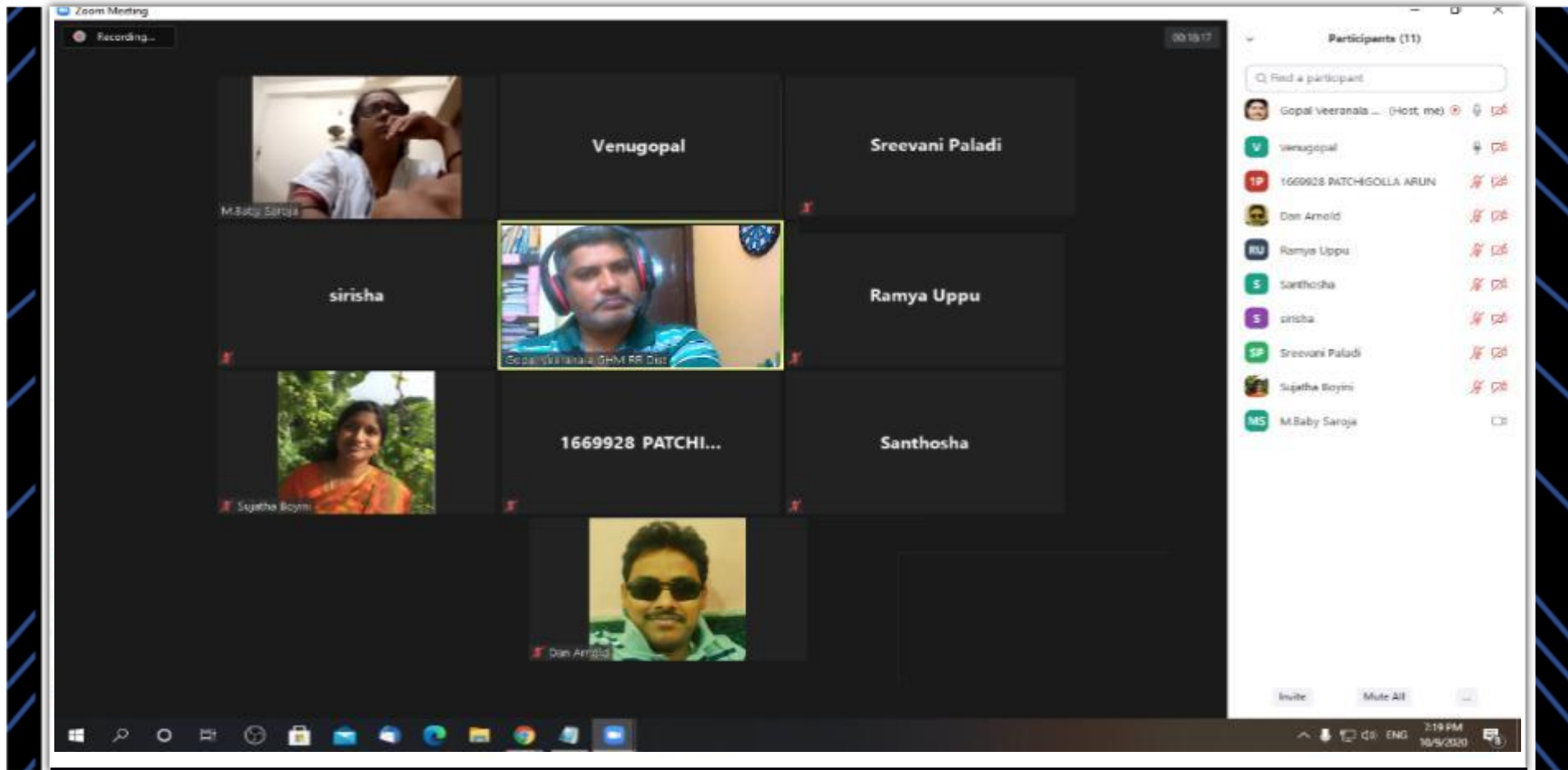
The teachers, all of whom are working in government schools in Medchal district, have found an affordable and practical alternative to online classes with a website, <https://medchalbadi.com/>. The website has a large repertoire of video lessons, both in Telugu and English medium, for students of government schools in the district. Apart from video lessons,



**BLOCKBUSTER:** 'medchalbadi.com' is already a hit, and was accessed by more than 5,000 students within two

# Preparing Teachers as Content Creators for LMS Portal

PROBLEM SOLVING – TRAINING TEACHERS



PS RRBADI

Class : 5  
EVS(పరిసరాల విజ్ఞానం)  
12.1 - దారిత్రక కట్టడాలు - వనపర్తి కోట - దారిత్రక కట్టడాలు - వనపర్తి కోట

Session By : K.SARITHA

PS RRBADI

« వేరే పాఠం (Change Lesson)

పాఠం క్విజ్

KINEMASTER

## VISITORS COUNT AS ON 29TH JAN 2021 8.30PM

### RRBADI.COM



A screenshot of the RRBADI.COM website showing visitor statistics. The page features a '24 HRS' badge and 'ALL LESSONS' text. The statistics are displayed in a table format.

Today	1319
Yesterday	1458
All	674406
Online	28

### PS.RRBADI.COM



A screenshot of the PS.RRBADI.COM website showing visitor statistics. The page features a background image of a woman. The statistics are displayed in a table format.

Today	403
Yesterday	456
All	42347
Online	34

### MEDCHALBADI.COM



A screenshot of the MEDCHALBADI.COM website showing visitor statistics. The page features a background image of a map. The statistics are displayed in a table format.

Today	481
Yesterday	468
All	356296
Online	13





# Expanding

## ◆ 2021 Conducted Online Classes

- ◆ Coding classes for Students
- ◆ Computer Classes for Teachers
- ◆ Online Tools for Teachers

## ◆ 2022 Online Tools for Schools

- ◆ Online Library Management Tool for schools
- ◆ Developed Online Q&A Tool for Students (UnRawvel)



## ALL SMART ARTICLES

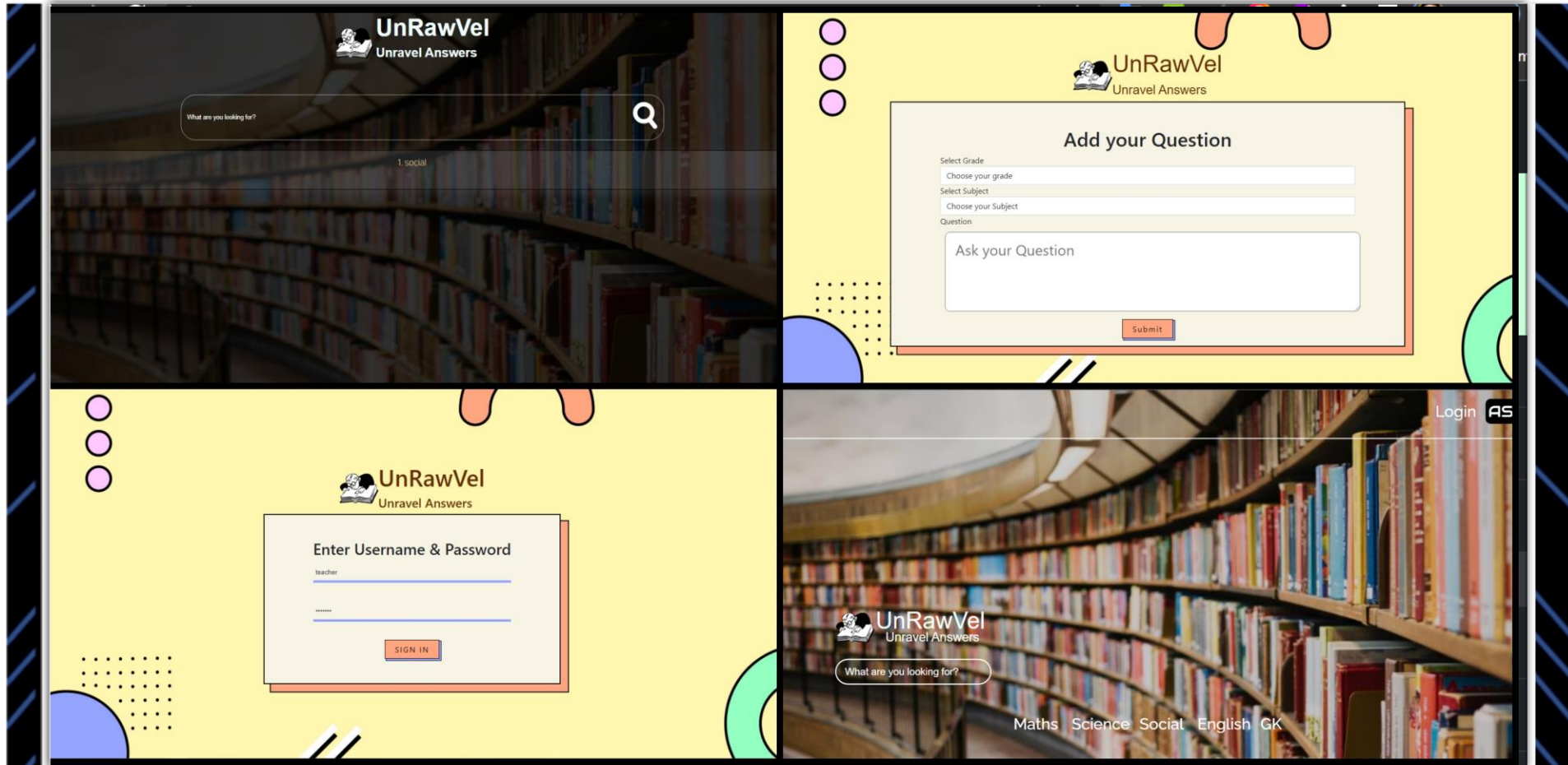
Best articles on the web

Home



December 2021

My Favourite Anime  
SHINCHAN by Mythri





Gv Tech Talks  
@GvTechTalks

BEST TOOL EXPLAINED

## How to Protect Kids While Attending Online Classes

**ENGLISH VERSION**



How to Create Labelling & Reveal Animation with Triggers in PowerPoint for Teachers



## CREATING PENDULUM EFFECT IN POWERPOINT



## HOW TO CREATE QUIZ (QUESTION SET) IN H5P

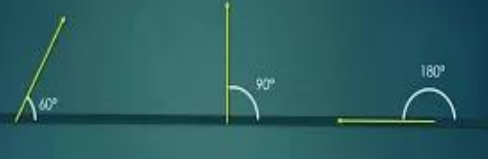


## CREATE INTERACTIVE LEARNING APPS

BEST TOOL FOR TEACHERS

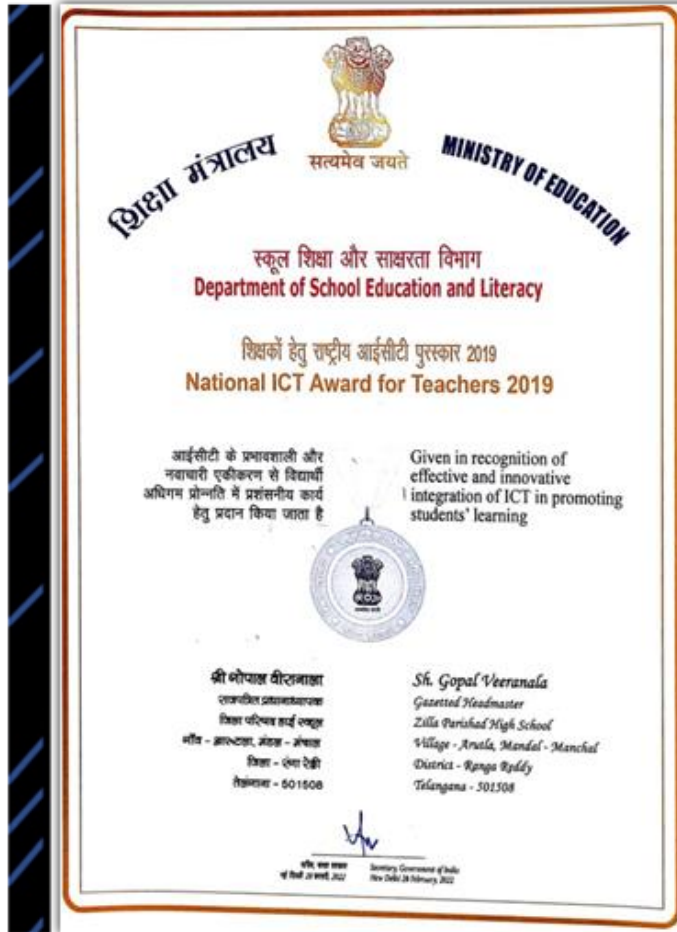


## CREATING ANGLES EFFECT IN POWERPOINT



# Expanding

- ◆ 2023 Learning New Things & transforming into ICT enabled Classroom
  - ◆ Integration of ICT in to regular textbooks
  - ◆ Using AI based tools to get more mileage of ICT
  - ◆ Reaching more people
  - ◆ Using ICT for better Society



“Once a new technology rolls over you, if you're not part of the steamroller,  
you're part of the road.”

Stewart Brand, Writer

Thank you