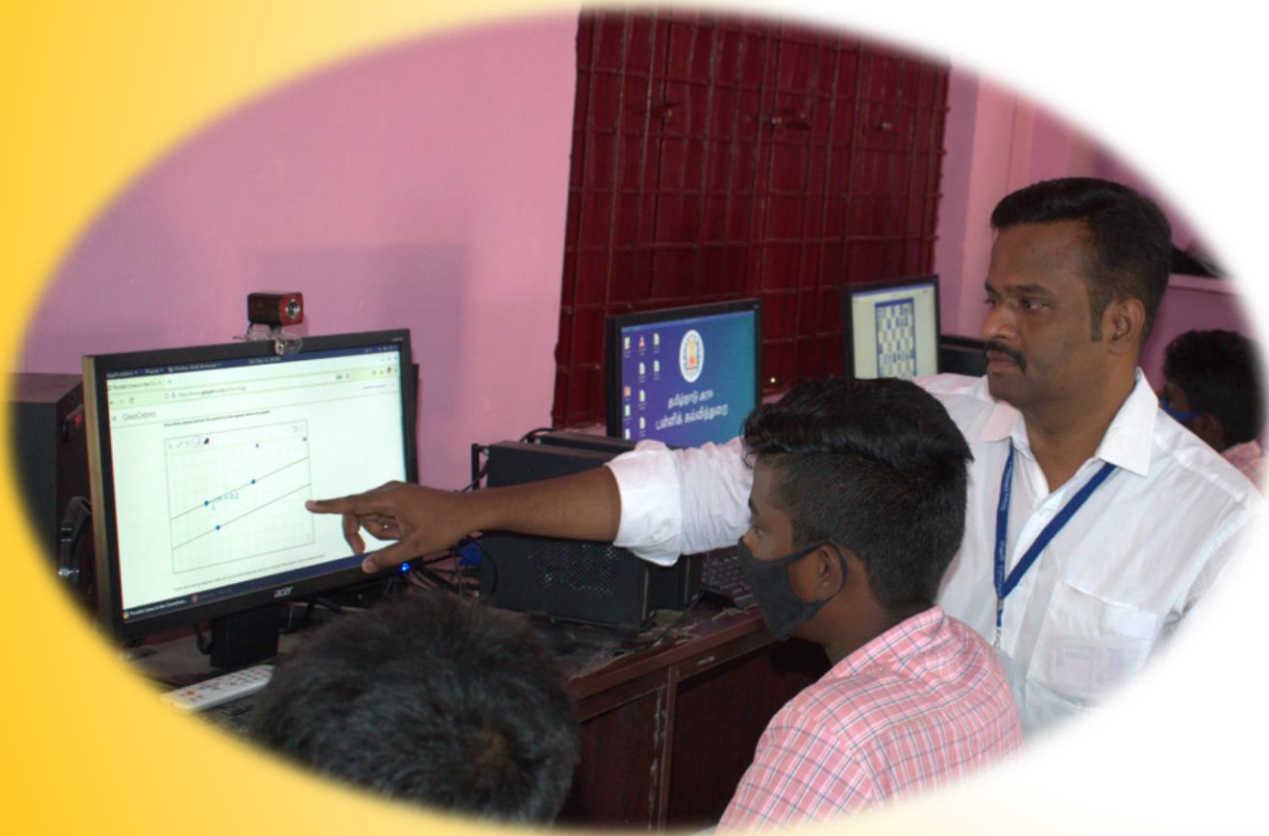


# Journey of National ICT Awardee Teacher



**J. SENTHIL SELVAN**

**GRADUATE TEACHER (MATHEMATICS)**

**GOVT HIGHER SECONDARY SCHOOL, KALLUR**

**PUDUKKOTTAI DISTRICT**

**TAMILNADU**

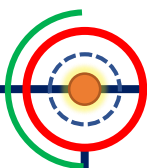
**Educational Qualification : M.sc.,B.Ed.,M.phil.,D.T.Ed**

**Date of Joining : 06/10/2005**

**Teaching Experience : 17 years**

**Subject : Mathematics**

2009



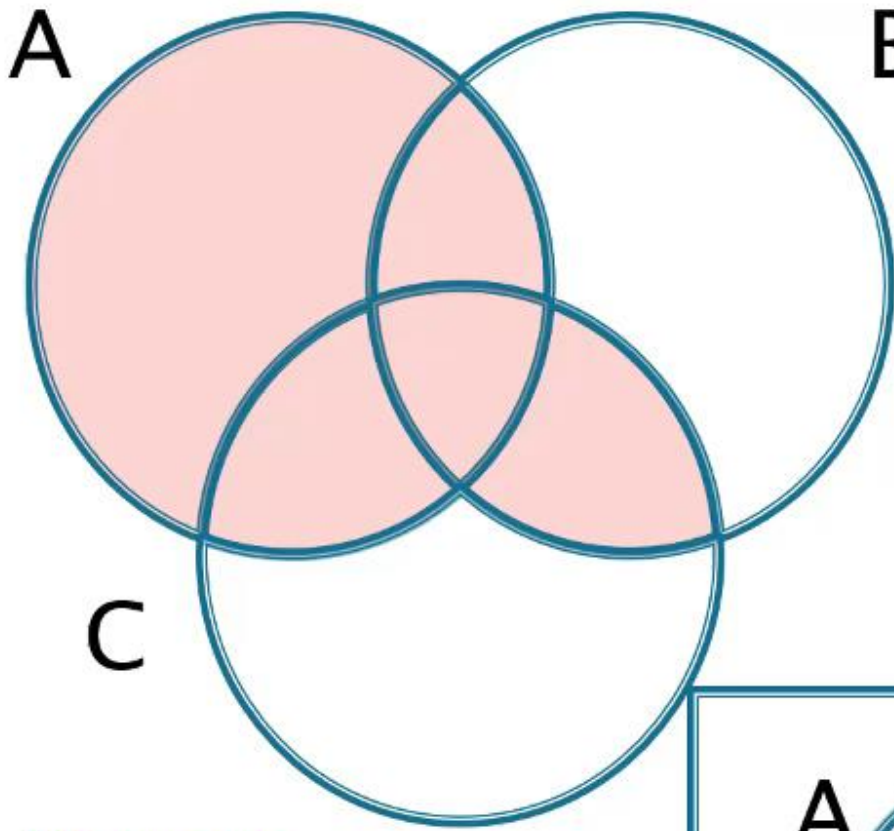
**BOUGHT MY  
FIRST LAPTOP**



To show videos

To show powerpoint lessons





10 TH STD

VENN DIAGRAM – SELF  
EVALUATION

**B**

CLICK HERE TO  
LEARN

$$A \cup (B \cap C) = (A \cup B) \cap (A \cup C)$$

$$A \cap (B \cup C) = (A \cap B) \cup (A \cap C)$$

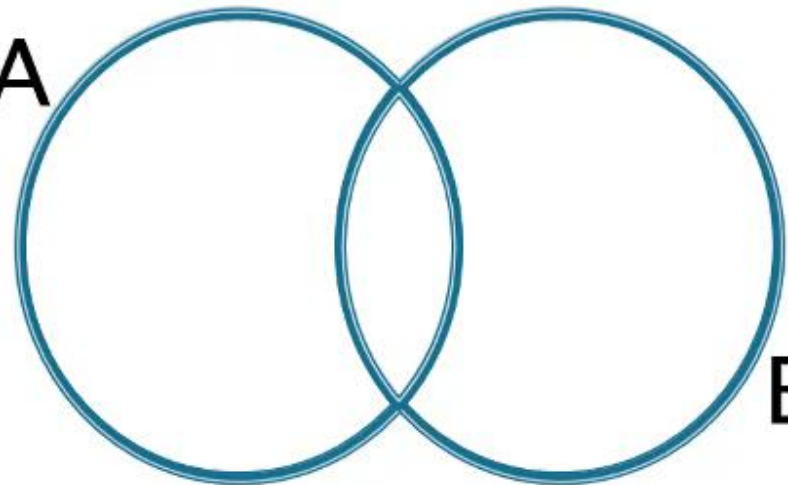
$$A / (B \cup C) = (A / B) \cap (A / C)$$

$$A / (B \cap C) = (A / B) \cup (A / C)$$

$$(A \cup B)' = A' \cap B'$$

$$(A \cap B)' = A' \cup B'$$

**A**



CLICK HERE TO  
LEARN

$(A \cup B)$

$(A \cap B)$

$(A \cup C)$

$(A \cap C)$

$(B \cup C)$

$(B \cap C)$

$(A \setminus B)$

$(A \setminus C)$

$A'$

$B'$

$(A \cup B)$

$(A \cap B)$

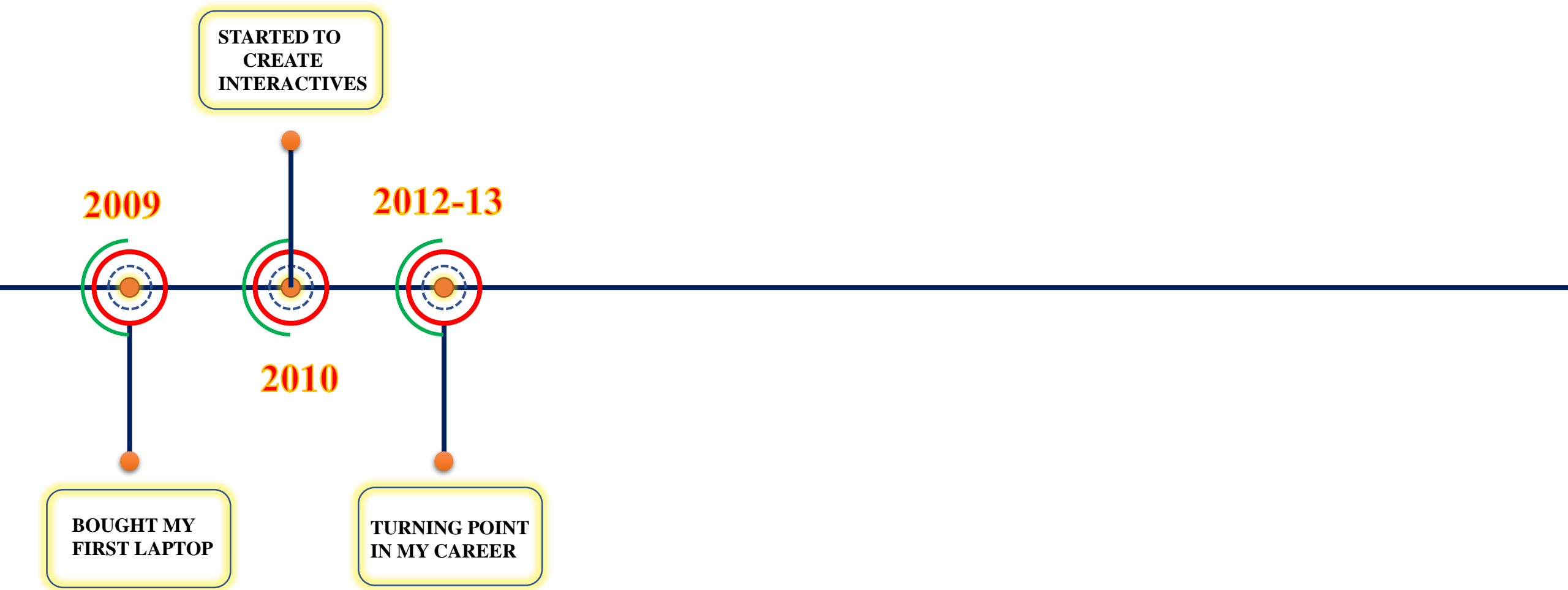
$(A \cup B)'$

$(A \cap B)'$

CLICK HERE TO SELF  
EVALUATE

CLICK HERE TO RETRY



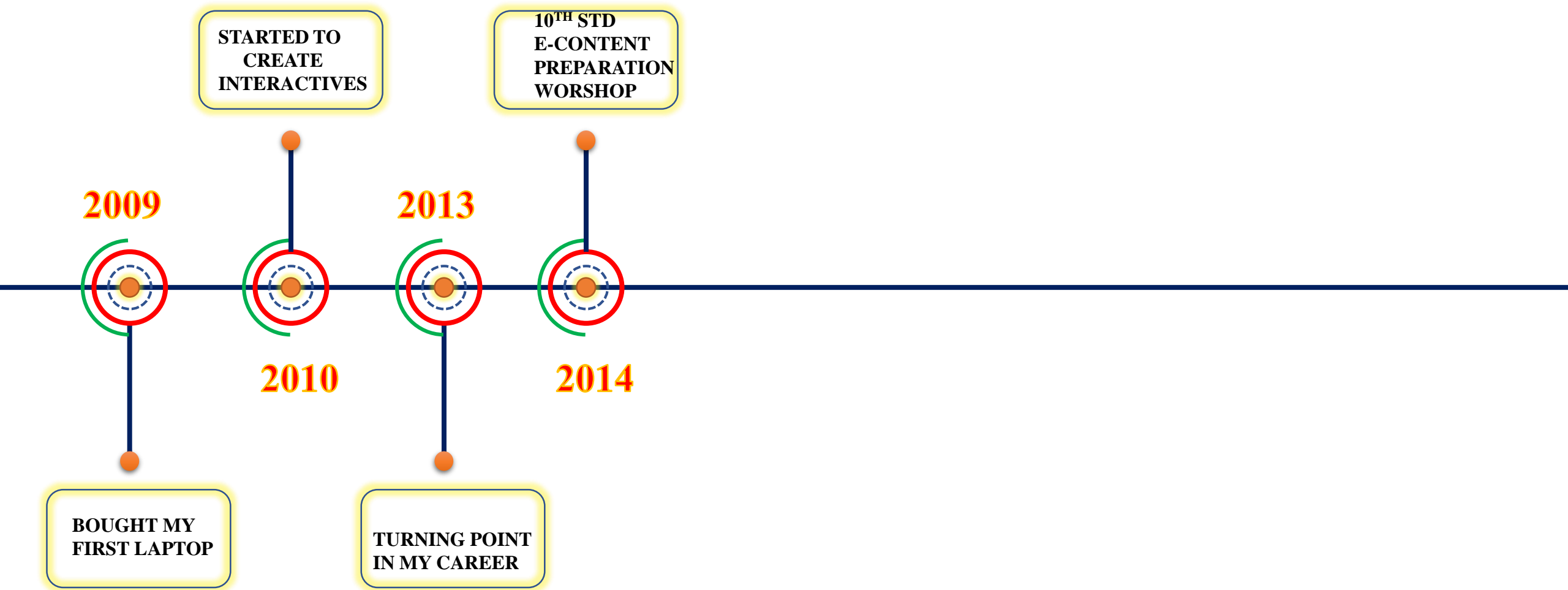




## SHARING GOOD PRACTICES – WORKSHOP 2013

- **PRESENTED MY INTERACTIVES AND POWERPOINTS.**
- **MET NATIONAL ICT AWARDEES**
- **CAME TO KNOW ABOUT NATIONAL ICT AWARD.**
- **LEARN MANY ICT TOOLS.**





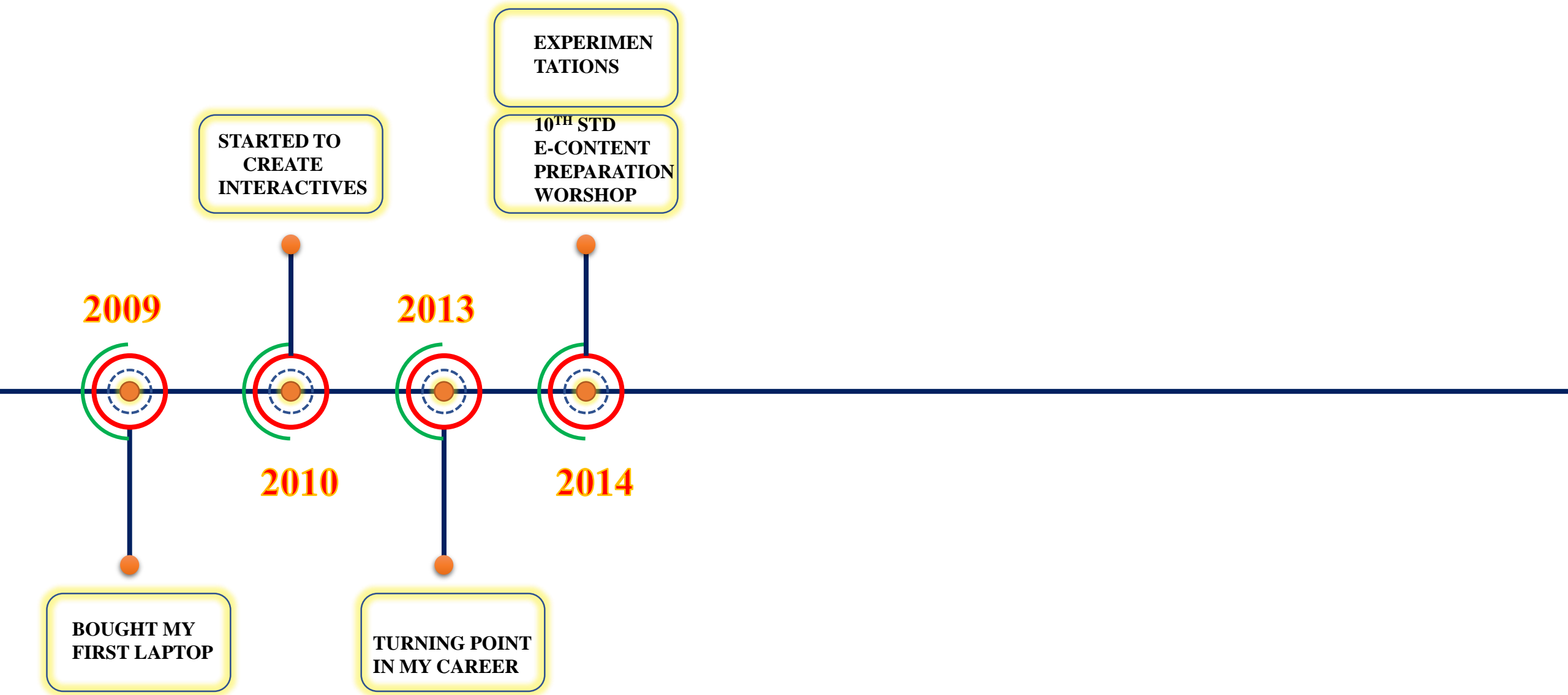


## 10th MATHEMATICS TEACHERS TRAINING

- **PRESENTED MY VIDEOS, INTERACTIVES AND POWERPOINTS.**
- **SELECTED TO ASSIST IN ECONTENT CREATION WORKSHOP FOR ALL SUBJECTS.**

10th STD E-CONTENT DEVELOPMENT 2014  
VELS UNIVERSITY - CHENNAI







## LOW COST SMART BOARD

STUDENT MAKING INFRA RED PEN



WII MOTE DEVICE AND IR PEN



STUDENT WORKING ON LOW COST SMART BOARD



WALL AS A SMARTBOARD











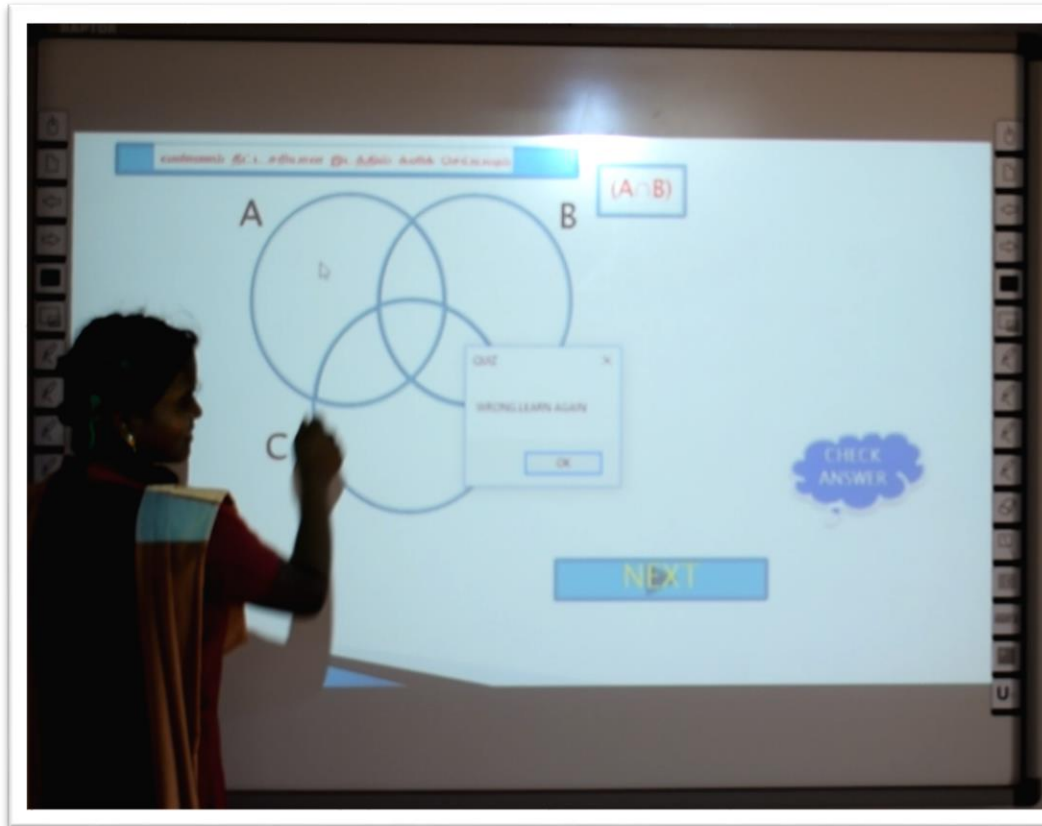
# SCHOOL INFRA

**Sony projector** - Rs 30,000

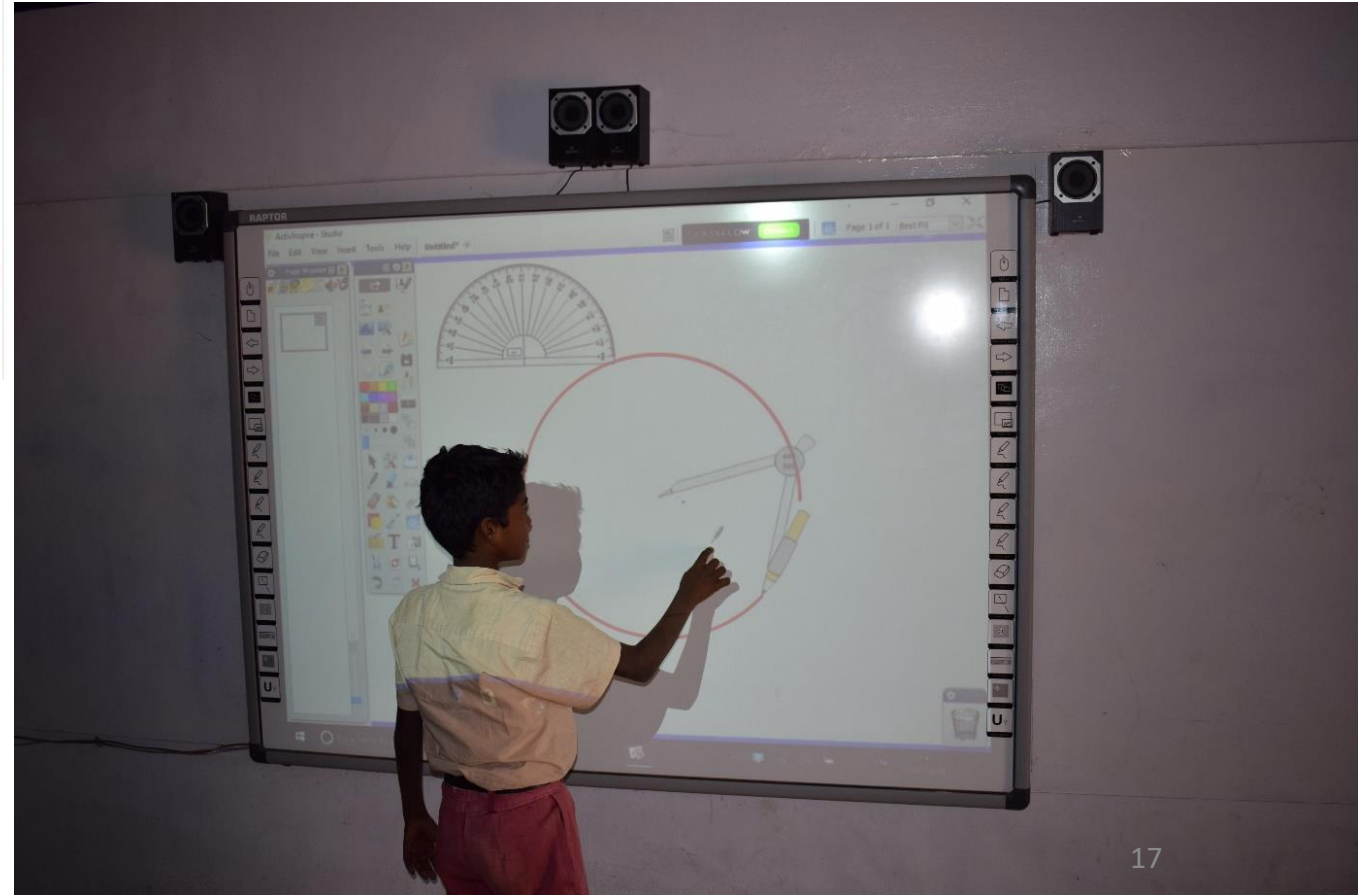
**UPS** - Rs.35,000

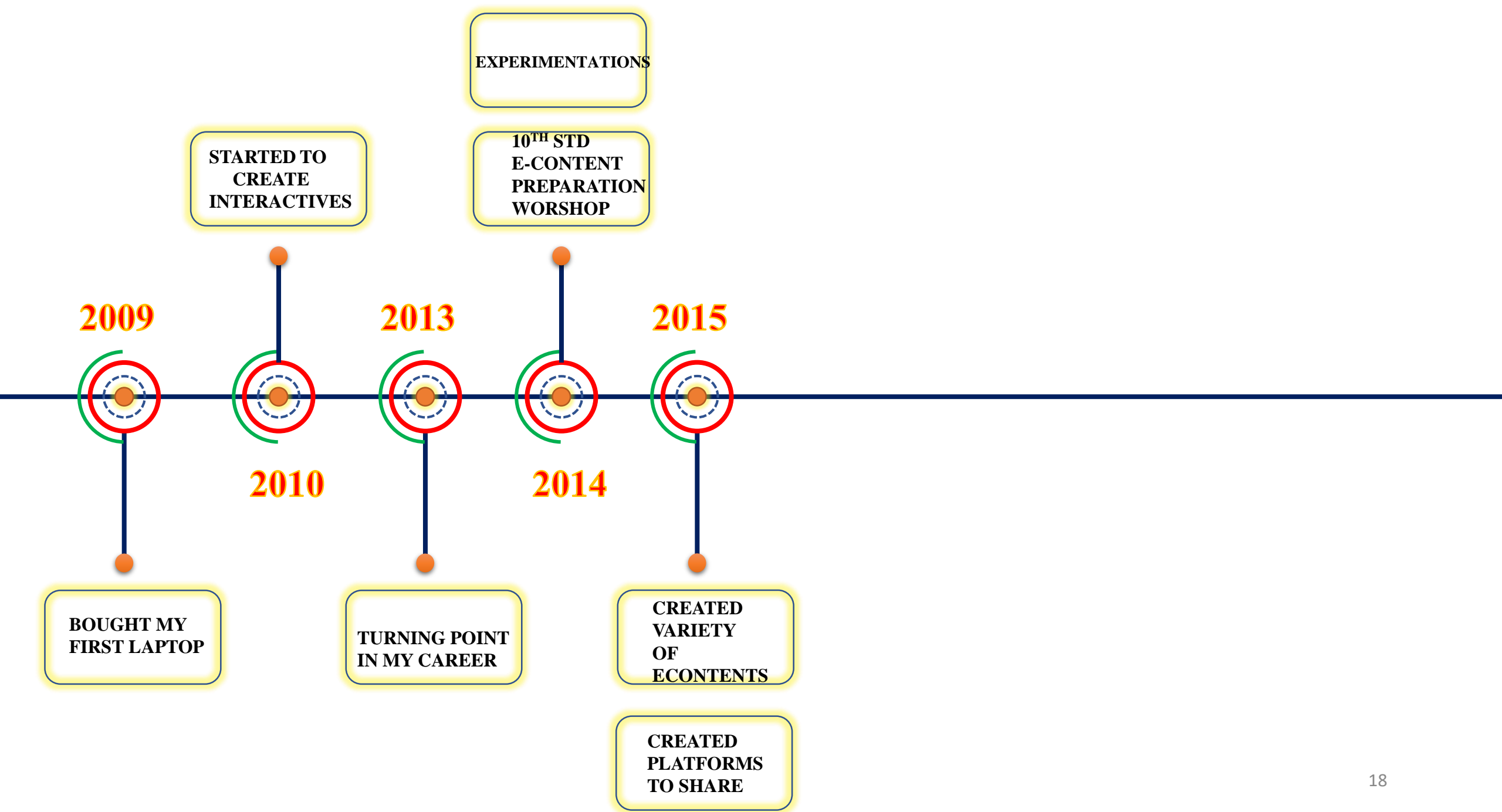
**Audio systems (For all classrooms)**  
- Rs.1 lakh

**Smartboard** - Rs.50,000



**SMARTBOARD DONATION CHEQUE**  
**BY MADURAI CHENNAI SILKS OWNER - Mr.CHANDRAN**





## **MY VARIOUS PLATFORMS TO SHARE MY E-CONTENTS:**

**<https://www.youtube.com/senthilselvan29>** - MY CHANNEL

**<https://tnkanitham.blogspot.com/>** - FOR ALLTYPEOF E-CONTENTS

**<https://tnedugames.blogspot.com/>** - FOR ACTIVITIES AND GAMES

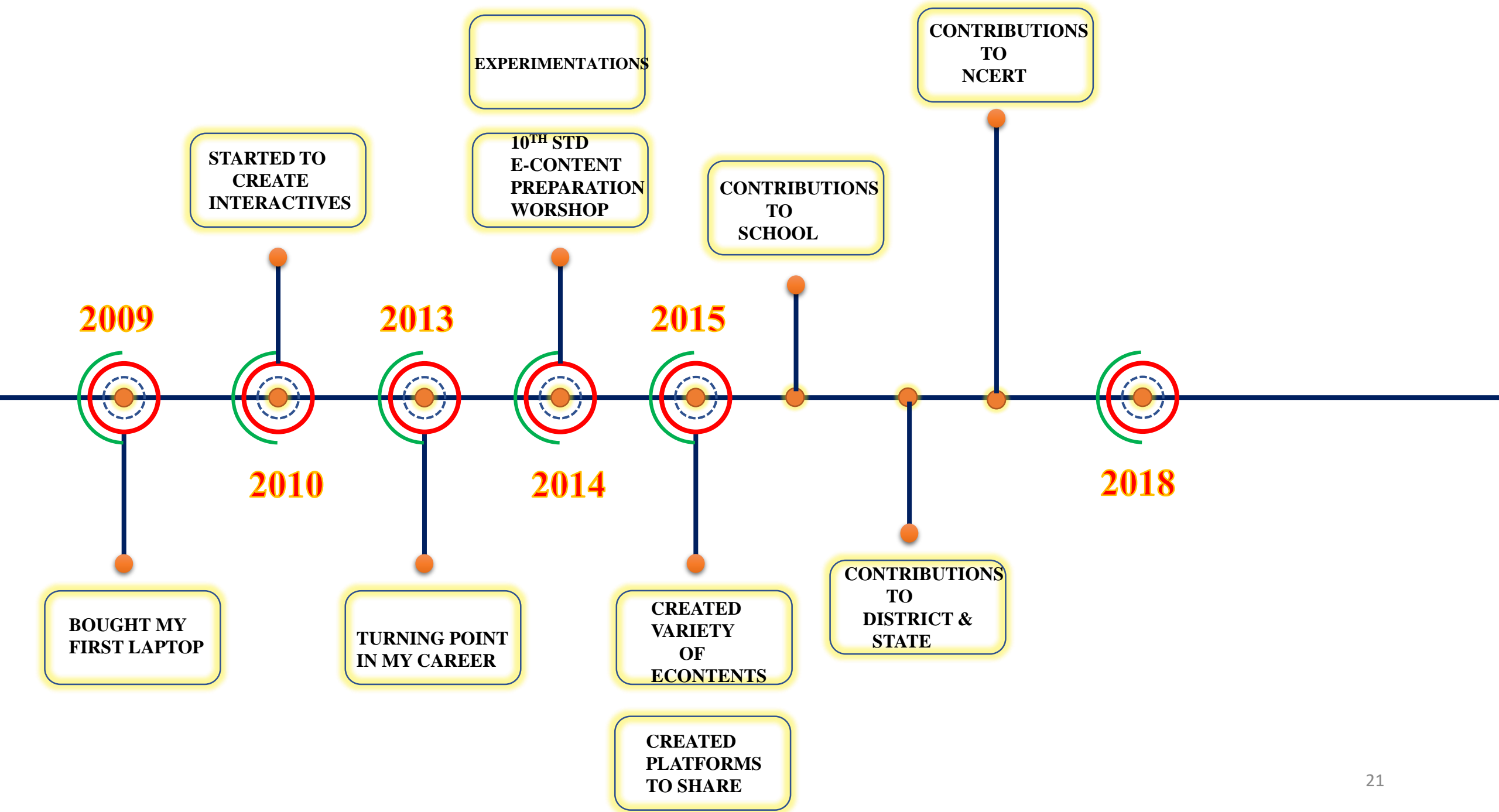
**<https://teacherstutorials.blogspot.com/>** - FOR TEACHERS



Microsoft  
Innovative Educator  
Leadership Awards

---

**2015 - 2016** RUNNER UP











THI

# MY CONTRIBUTIONS TO DISTRICT

- I acted as one of the key resource person for any inservice trainings especially ICT trainings in my district.
- Resource person in SVC programme conducted by our DIET.
- Technical support for Econtent production by our DIET.



# MY CONTRIBUTIONS TO STATE

E-content development workshops	- SCERT
Basic computer training(Mentor)	- SCERT
FOSS Training (Mentor)	- SCERT
Aravind Gupta videos Dubbing	- SCERT
Video lesson script writing	- SCERT
Khan Academy videos translation	- Tamilnadu virtual university
Curriculum Framework workshops	- SCERT
ICT CORNER -textbook writing	- SCERT
Theme specific training (KRP)	- RMSA
HI-TECH Lab Training (Mentor)	- RMSA





## SCERT E-CONTENT DEVELOPMENT WORKSHOPS





## CURRICULUM FRAME WORK



## List of Authors and Reviewers

### ICT TEXTBOOK WRITING WORKSHOP - CHENNAI



#### Domain Expert

Dr . D. Ilangoan,  
Professor and Head, Department of Commerce, Chidambaram

#### Reviewers

Dr. M.S. John Xavier,  
Associate Professor and Head, Department of  
Corporate Secretaryship,  
Presidency College, Chennai

Dr. K . Sundar  
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Annamalai University, Chidambaram

Dr. Jayanthi Lakshmanaswamy  
Associate Professor of Commerce, Government Arts College,  
Nandanam, Chennai

#### ICT Coordinators

Vasuraj.D,  
BT Assistant (Mathematics), PUMS, Kosapur, Puzhal Block  
Tiruvallur

Senthil Selvan.J  
BT Assistant (Mathematics), GHSS, Mangudi,  
Sivagangai

#### SCERT Coordinator

#### Authors

Dr. Vidya Srinivasan  
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HOD, Government Arts College,  
Salem

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Dr. K. Murugadoss,  
Associate Professor,  
Head of the Department of Commerce,  
Thanthai Periyar Government Arts College,  
Cuddalore

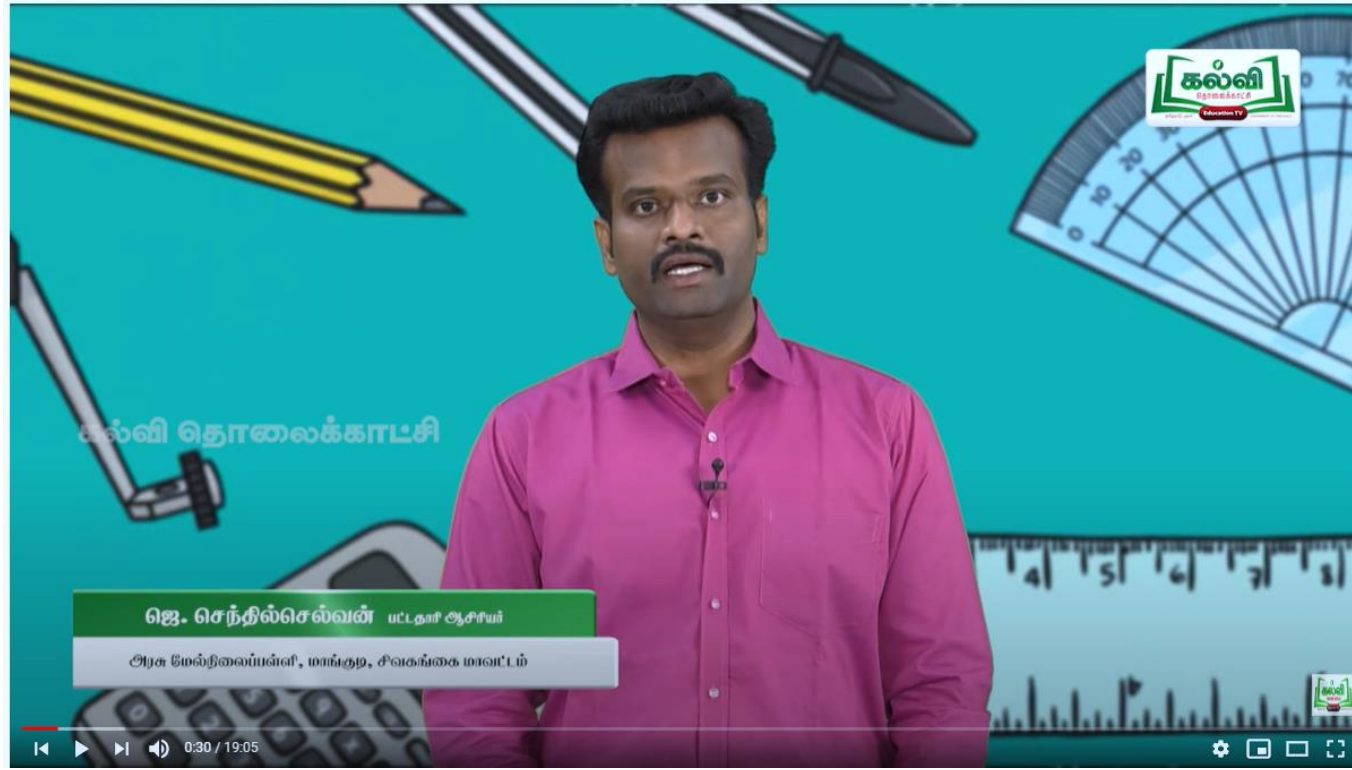
S.S. Kumaran  
HM (Retd), KENC GHSS, Manavalanagar, Thiruvallur

R. Ramesh  
PG Assistant in commerce, Trinity Academy MHSS,  
Vagurampatty, Namakkal

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Madurantakam, Kancheepuram Dist.

S. Udayakumar  
PG Assistant in commerce, GHSS, Karunguzhi,  
Kancheepuram

Dr. J. Anand  
PG Assistant in commerce, Mahadevi Vidya Mandir HSS



## **KALVI TV : (State Government Educational channel)**

I contributed for our state government educational channel KALVI TV.

The following are some of the links.

[https://www.youtube.com/watch?v=hbP8Zk2PJws&list=PL-mvKYotpGsKXKhuPPWMGwrse6\\_15kkVs&index=10](https://www.youtube.com/watch?v=hbP8Zk2PJws&list=PL-mvKYotpGsKXKhuPPWMGwrse6_15kkVs&index=10)

<https://www.youtube.com/watch?v=e8sMKbS5GO4&list=PL-mvKYotpGsJ0s5EtWs5K6SSH13-hBEjl&index=4>



# TNTP/DIKSHA

The screenshot displays the TNTP/DIKSHA website. At the top, there is a search bar with the text "Search or enter QR code" and a "Search" button. To the right of the search bar is a language selector set to "English". Below the search bar are four navigation tabs: "Digital textbooks", "Courses", "TV classes", and "All". The main content area features a video player with a dark background and white Tamil text. The text reads: "கருத்தாக்கம் & காணொலித் தயாரிப்பு ஜெ.செந்தில் செல்வன், ப.ஆ அ.மே.நி.பள்ளி, மாங்குடி, சிவகங்கை." followed by "கருத்தாக்கம் ச.மு.மணி, ப.ஆ அ.உ.நி.பள்ளி, திருக்கண்டலம், திருவள்ளூர்." At the bottom of the video player, there is a logo and the text "மாநிலக் கல்வியியல் ஆராய்ச்சி மற்றும் பயிற்சி நிறுவனம் தமிழ்நாடு அரசு". To the right of the video player is a sidebar with a list of content items under the heading "1 கண மொழி". The items are: "P.1-வென்படம்", "P.1-கணச்செயல்களை வென்படத்தில் குறிக்க", "P.1-வென்படம்", "P.1-பொருத்துக்", and "P.18-கணங்களின் சேர்ப்பு". There is also a "Ask Tara" button and a small robot icon.

## 50 QR CODE VIDEOS

## E-CONTENT CREATION WORKSHOPS:

I have attended 4 E-content workshops in NCERT, New delhi and created videos on upperprimary and secondary videos.





## ICT course curriculum workshops:

I have contributed for ICT course curriculum workshop held at RIE Mysore.

I created video tutorials for ICT induction Course.





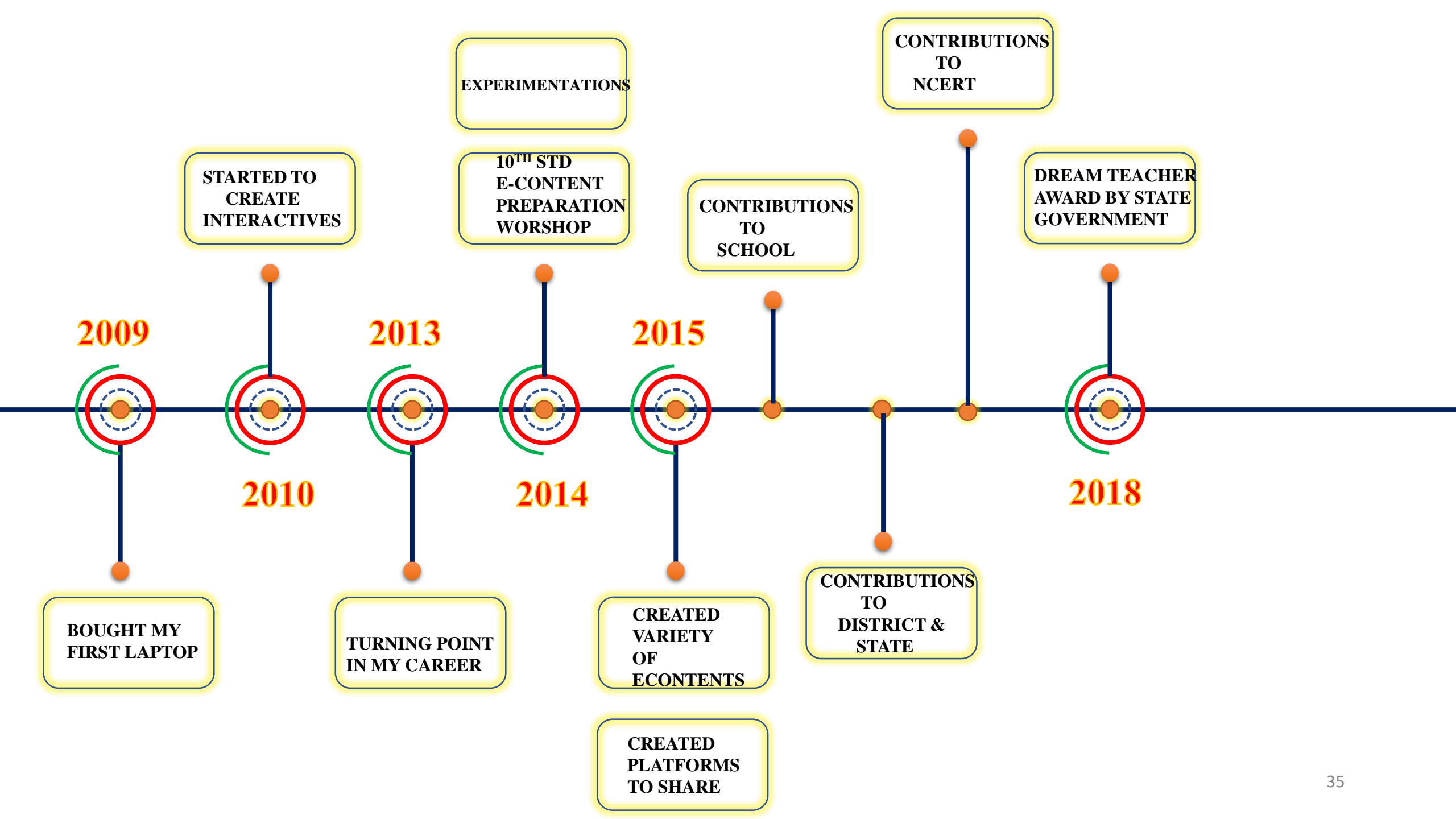
# State Resource Group Member (SRG).





## ICT Training – coordinating with Rotary:









**தமிழ்நாடு அரசு  
பள்ளிக் கல்வித்துறை**

**கனவு ஆசிரியர் விருது**

**2017 - 2018**

**திரு ஜெ.செந்தில் செல்வன்,  
பட்டதாரி ஆசிரியர்,  
அரசு மேல்நிலைப் பள்ளி, மாங்கடி,  
சிவகங்கை மாவட்டம்.**

சீரிய முயற்சியால் தகவல் தொழில்நுட்பத்தை பயன்படுத்தி மாணவர்களுக்கு பயிற்றுவித்தல், கல்வி இணைச் செயல்பாடுகளில் சிறந்து விளங்குதல், மாணவர்கள் சேர்க்கை மற்றும் பள்ளி மேலாண்மையில் தங்களை ஈடுபடுத்தி சிறப்பாக பணியாற்றியதை உணக்கப்படுத்தும் வகையில்

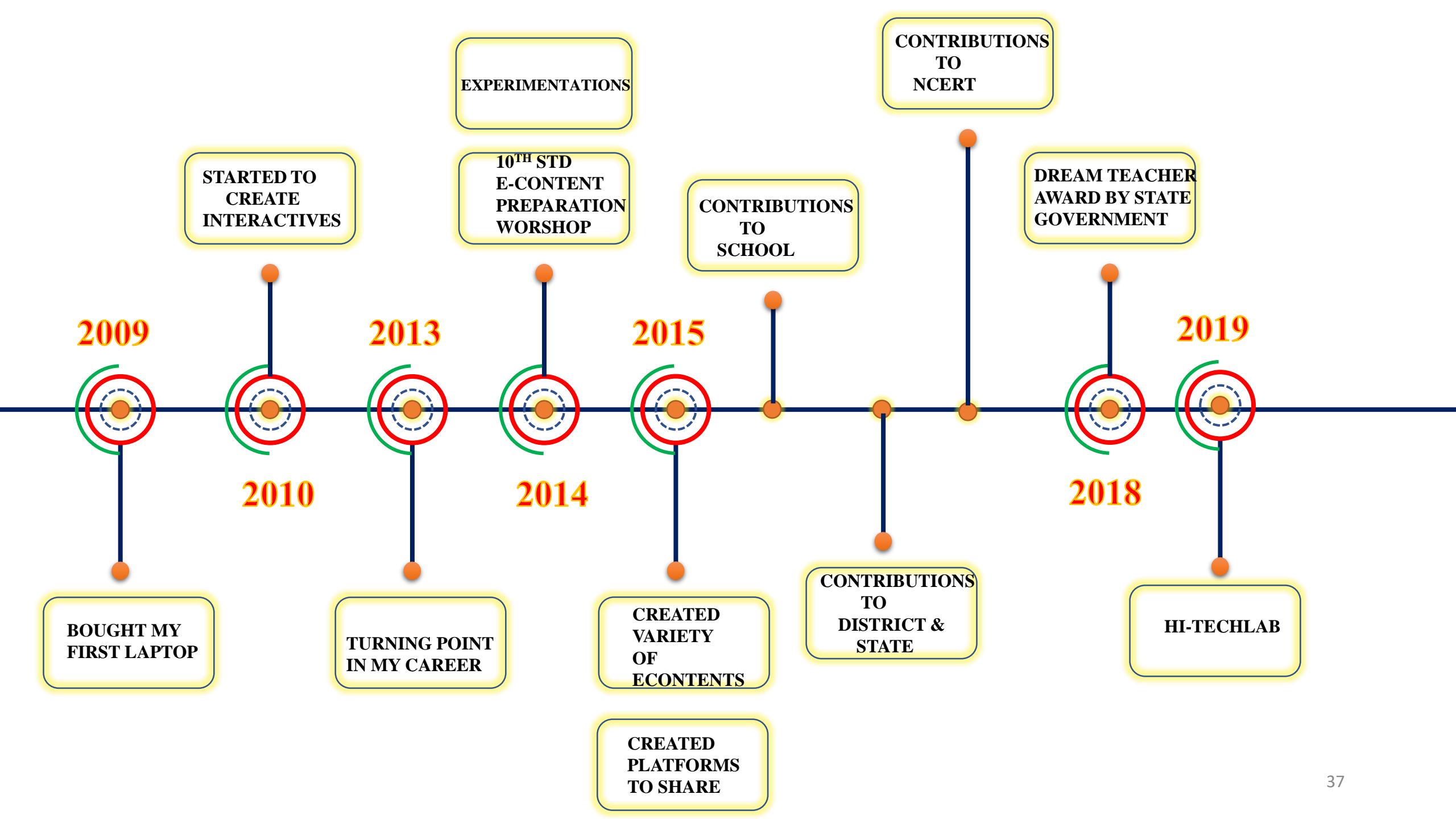
**தமிழ்நாடு அரசு  
கனவு ஆசிரியர் விருது  
வழங்கிப் பாராட்டுகிறது.**

நாள் : 9.7.2018  
சென்னை : 600 006

9/7/18  
பள்ளிக் கல்வி இயக்குநர்







# HI-TECH LAB

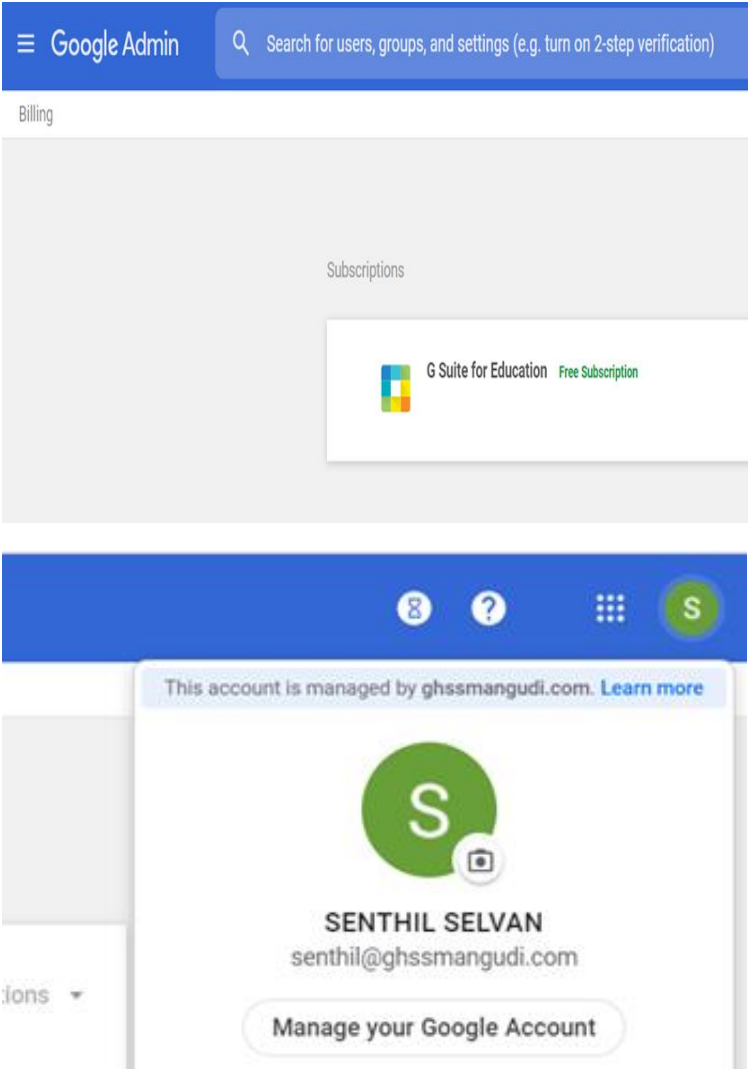
உயர் தொழில்நுட்பக் கணினி ஆய்வகம்







# ONLY GOVT SCHOOL IN OUR STATE HAVING GSUITE FREE LICENSE





## OFFICE 365 FREE LICENSE

Govt Higher Secondary school,Mangudi

### Licenses

Select a product to view and assign licenses.  
[Go to Your products](#) to manage billing or buy more licenses.

<a href="#">Export</a> <a href="#">Refresh</a>	
Name ↑	
	Office 365 A1 for faculty
	Office 365 A1 for students





# STUDENT MAIL ID'S



<input type="checkbox"/>	NAME ↕	USERNAME ↕	STATUS ↕
<input type="checkbox"/>	Alagu, Balamurugan	abalamurugan@ghssmangudi.com	Active
<input type="checkbox"/>	Arumugam, Divyasri	divyasri@ghssmangudi.com	Active
<input type="checkbox"/>	Arumugam, Vasanth	vasanth@ghssmangudi.com	Active
<input type="checkbox"/>	Arumugam, Arunthathi	arunthathi@ghssmangudi.com	Active
<input type="checkbox"/>	Arumugam, Maheshwari	maheshwari@ghssmangudi.com	Active
<input type="checkbox"/>	Balamurugan, Iswarya	iswarya@ghssmangudi.com	Active
<input type="checkbox"/>	Balamurugan, Toni	toni@ghssmangudi.com	Active
<input type="checkbox"/>	Kannan, Kousalya	kousalya@ghssmangudi.com	Active
<input type="checkbox"/>	Katturaja, Soundharya	soundharya@ghssmangudi.com	Active
<input type="checkbox"/>	Lakshmanan, Sivaraj	sivaraj@ghssmangudi.com	Active
<input type="checkbox"/>	Mahendran, Muthulakshmi	muthulakshmi@ghssmangudi.com	Active
<input type="checkbox"/>	Malaichamy, Seenivasan	seenivasan@ghssmangudi.com	Active
<input type="checkbox"/>	Mohan, Gopika	gopika@ghssmangudi.com	Active
<input type="checkbox"/>	Muthu, Rengaraja	rengaraja@ghssmangudi.com	Active

To review Calendar



TENTH STANDARD





6  
A





10TH STD





ict team





9  
A



8  
A



7  
A



Name ↑

 20200430\_204617.jpg 

 IMG\_20200429\_130641\_1.jpg 

 IMG\_20200429\_130641\_1.jpg 

 IMG\_20200429\_130641\_1.jpg 

 IMG\_20200429\_130641\_1.jpg 

 IMG\_20200429\_130641\_1.jpg 

 IMG\_20200429\_130647\_1.jpg 

 IMG\_20200429\_130700.jpg 

 IMG\_20200429\_130705\_1.jpg 

 IMG\_20200429\_130718\_1.jpg 

 IMG\_20200429\_130723\_1.jpg 

 IMG\_20200429\_130734\_1.jpg 

 IMG\_20200429\_130734\_1.jpg 

 IMG\_20200429\_130742.jpg 

 IMG\_20200429\_130752.jpg 

 IMG\_20200429\_130801.jpg 

 IMG\_20200429\_130811.jpg 

# Co-operative and Collaborative learning

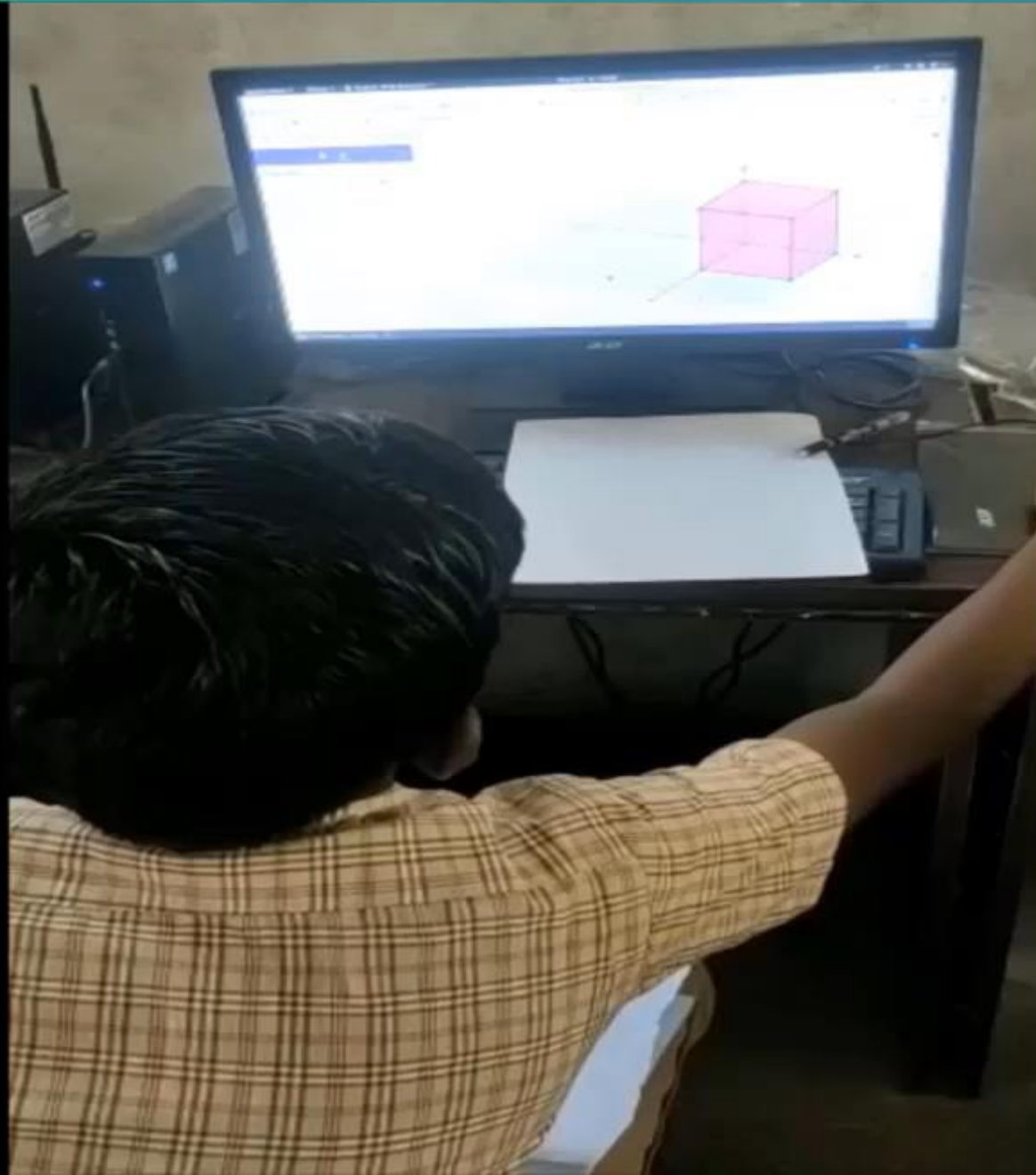






# **DEVELOPING HIGHER ORDER THINKING SKILLS**

# self-learning, investigation and experimentation



# DESMOS ACTIVITY

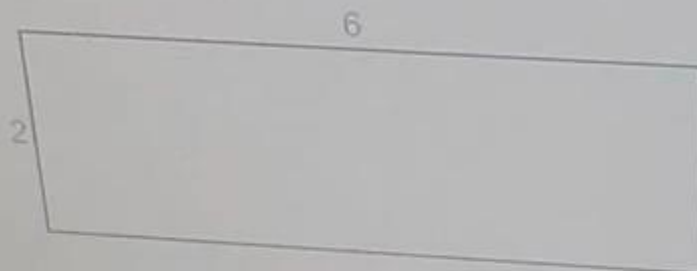
<https://teacher.desmos.com/activitybuilder/custom/5e9f1b42c9f2700c9a2c7b28>

# ASSESSMENTS

- 1) DIAGNOSTIC ASSESSMENT**
- 2) FORMATIVE ASSESSMENT**
- 3) SUMMATIVE ASSESSMENT.**
- 4) RUBRIC**
- 5) PORTFOLIO**



## Geometry



Perimeter =   cm

Right

Wrong

Clock 0.1

[math](#)

Reset

Measurements in  
centimeters. Scale  
is not 1:1.

[See Formulas](#)

Hey, students!

Go to [student.desmos.com](https://student.desmos.com)  
and type in:

**6NM JQ4**

You can also share this link with your students:

<https://student.desmos.com/join/6nmjq4>

Copy

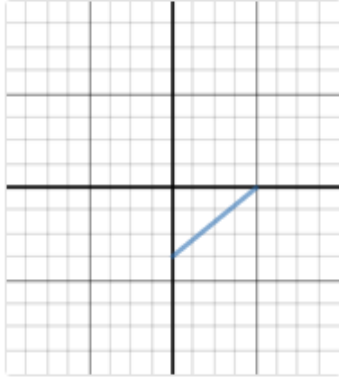
	1 நல்வரவு ! கொடுக்க புள்ளிக் வழியாக செல்லு கோ	2 சவால் # கொடுக்க புள்ளிக் $f(x)$	3 யார் ச.. $y=4+6x$ என்று	4 சவால் # கொடுக்க புள்ளிக் $f(x)$	5 சரியா.. கொடுக்க நேர்கோ	6 சவால் # கொடுக்க புள்ளிக் $f(x)$	7 சரியா.. கொடுக்க நேர்கோ	8 சவால் # கொடுக்க புள்ளிக் $f(x)$	9 வரைப.. $\frac{x}{2} + \frac{y}{3}$
bastinsosaidas...	—	●	×	●	●	×	×	✓	●
sanjeevi ammasi	—	●	×	●	●	×	×	✓	●
aravinthan thavi...	—	●	×	●	●	✓	×	×	●
akash kennadi	—	●	×	●	●	×	×	✓	●
jeyamurugan vai...	—	●	●	●	●	✓	×	✓	●
Aji.C	—	●	×	●	●	×	×	✓	●
stalin thainesraj	—	●	×	●	●	×	×	✓	●
haribabu nalliyap...	—	●	×	●	●	✓	×	✓	●
prabhakaran kan...	—	●	×	●	●	✓	×	✓	●
nanthabalan ma...	—	●	×	●	●	✓	×	✓	●
selvaganesh kot...	—	●	●	●	●	✓	×	✓	●
baskar alagu	—	●	●	●	●	✓	×	✓	●
jeyeprobavathy s...	—	●	×	●	●	✓	×	×	●

## வரைபடம் வரைக .

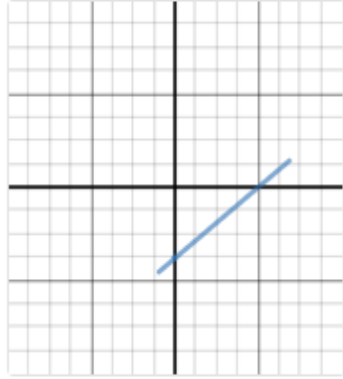
Responses

Overlay

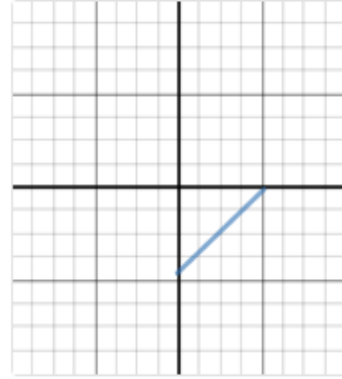
bastinsoosaida...



sanjeevi ammasi



aravinthan thav...

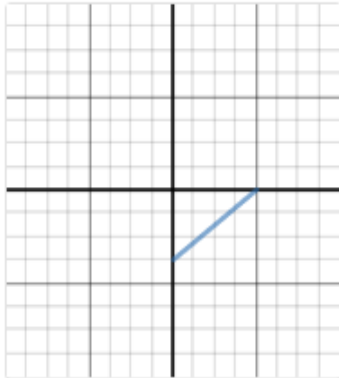


$\frac{x}{4} + \frac{y}{-3} = 1$  என்ற சமன்பாட்டிற்குரிய  
வரைபடம் வரைக.

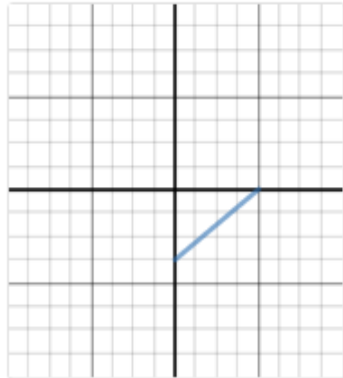
சரியாக வரைந்து காரணத்தை விளக்குக.

No responses yet...

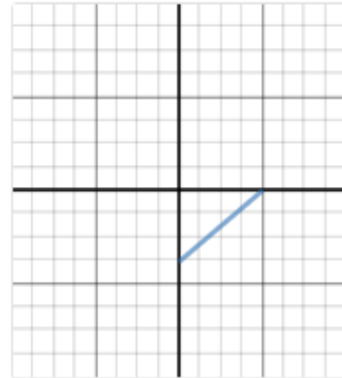
akash kennadi



jeyamurugan v...



Aji.C



stalin thainesraj



haribabu nalliy...



prabhakaran k...





slope =  $-\frac{3}{8}$  **CORRECT!!!**



Backspace Undo Redo Check Your Graph

Haribabu

slope =  $-\frac{1}{2}$



Backspace Undo Redo Check Your Graph

Ajith Kumar

slope = 5



Backspace Undo Redo Check Your Graph

BASTIN

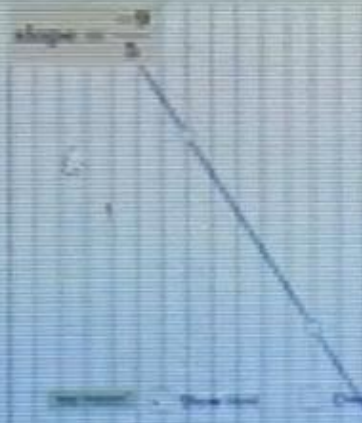
slope =  $-\frac{9}{8}$



Backspace Undo Redo Check Your Graph

KARTHIKANNAN

slope =  $-\frac{9}{8}$



Backspace Undo Redo Check Your Graph

bairavi

slope = -4



Backspace Undo Redo Check Your Graph

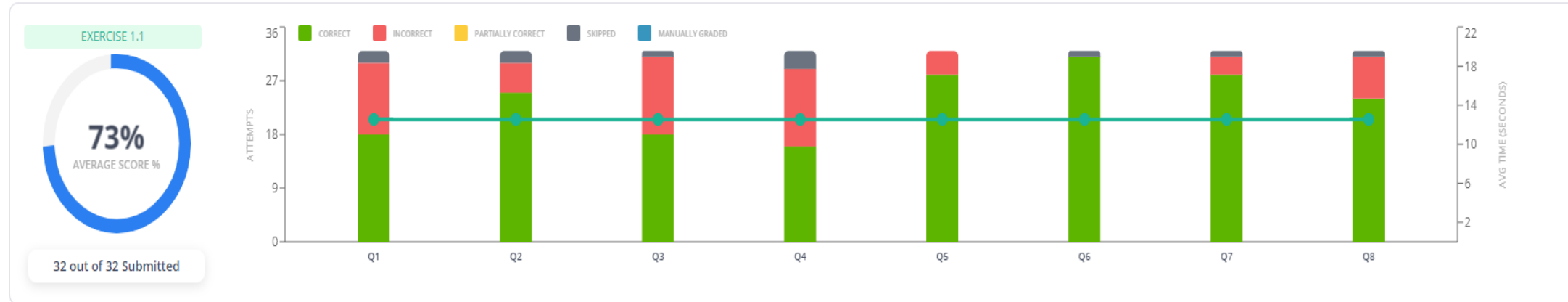
viji

&lt; ASSIGNMENTS / EXERCISE 1.1 / 6

CARD VIEW

STUDENTS

QUESTIONS

☐ SELECT ALLSHOW ACTIVE STUDENTS ☒

PRINT

REDIRECT

... MORE

<div>AB</div> <div>Alagu, Balamurugan</div> <div>Graded</div> <div>Performance</div> <div>7 / 8</div> <div>87.5%</div> <div>VIEW RESPONSES &gt;&gt;</div> <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div>AA</div> <div>Arumugam, Arunthathi</div> <div>Graded</div> <div>Performance</div> <div>7 / 8</div> <div>87.5%</div> <div>VIEW RESPONSES &gt;&gt;</div> <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div>AD</div> <div>Arumugam, Divyasri</div> <div>Graded</div> <div>Performance</div> <div>4 / 8</div> <div>50%</div> <div>VIEW RESPONSES &gt;&gt;</div> <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div>AM</div> <div>Arumugam, Maheshwari</div> <div>Graded</div> <div>Performance</div> <div>4 / 8</div> <div>50%</div> <div>VIEW RESPONSES &gt;&gt;</div> <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div>AV</div> <div>Arumugam, Vasanth</div> <div>Graded</div> <div>Performance</div> <div>7 / 8</div> <div>87.5%</div> <div>VIEW RESPONSES &gt;&gt;</div> <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
<div>BI</div> <div>Balamurugan, Iswarya</div> <div>Graded</div> <div>Performance</div> <div>7 / 8</div> <div>87.5%</div> <div>VIEW RESPONSES &gt;&gt;</div> <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div>BT</div> <div>Balamurugan, Toni</div> <div>Graded</div> <div>Performance</div> <div>3 / 8</div> <div>37.5%</div> <div>VIEW RESPONSES &gt;&gt;</div> <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div>KK</div> <div>Kannan, Kousalya</div> <div>Graded</div> <div>Performance</div> <div>5 / 8</div> <div>62.5%</div> <div>VIEW RESPONSES &gt;&gt;</div> <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div>KS</div> <div>Katturaja, Soundharya</div> <div>Graded</div> <div>Performance</div> <div>7 / 8</div> <div>87.5%</div> <div>VIEW RESPONSES &gt;&gt;</div> <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div>LS</div> <div>Lakshmanan, Sivaraj</div> <div>Graded</div> <div>Performance</div> <div>7 / 8</div> <div>87.5%</div> <div>VIEW RESPONSES &gt;&gt;</div> <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>

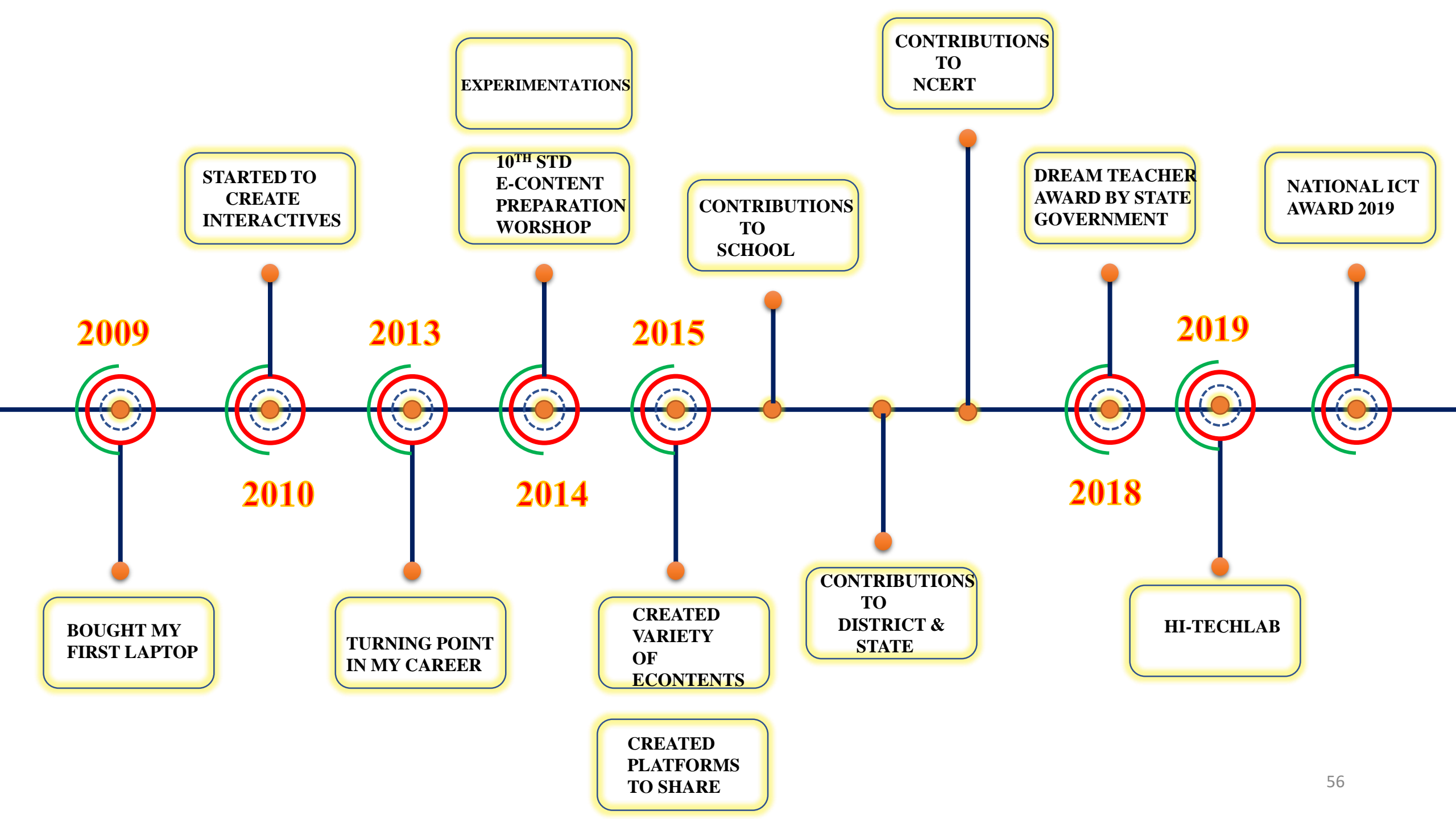
# Virtual manipulative activities

- Guided discovery
- Better understanding of mathematical concepts
- Learning by doing.
- Play-way method of learning.
- Self learning.
- Self evaluation.
- Concretise abstract things.



# Microsoft Word Document





Ministry of Education, Government of India  
**International ICT Awards  
for  
School Teachers**  
Chief Guest  
**Smt. Annpurna Devi**  
Minister of State for Education, Government of India  
Hon. Smt. Anita Karwal  
Secretary, Ministry of Education  
Monday, 28th February, 2022  
Central Institute of Educational Technology  
National Council of Educational Research and Training  
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