

# Journey of National ICT Awardee Teacher



**J. SENTHIL SELVAN**

**GRADUATE TEACHER (MATHEMATICS)**

**GOVT HIGHER SECONDARY SCHOOL, KALLUR**

**PUDUKKOTTAI DISTRICT**

**TAMILNADU**

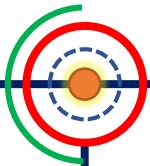
**Educational Qualification : M.sc.,B.Ed.,M.phil.,D.T.Ed**

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

**Teaching Experience : 17 years**

**Subject : Mathematics**

2009



**BOUGHT MY  
FIRST LAPTOP**



To show videos

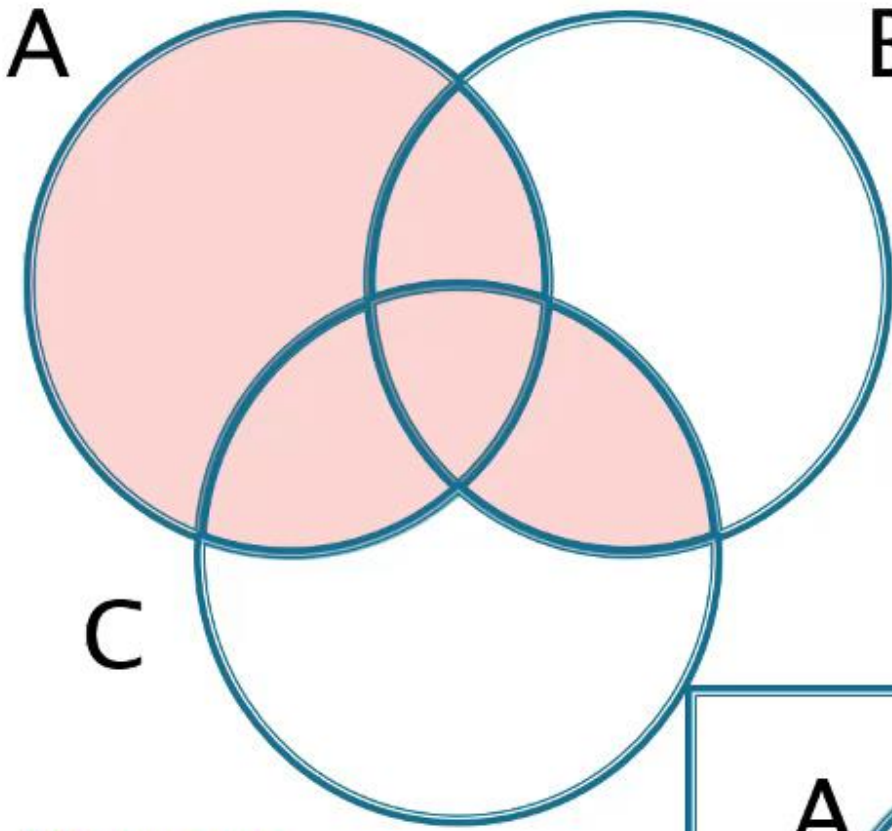
To show powerpoint lessons

2009

STARTED TO  
CREATE  
INTERACTIVES

2010

BOUGHT MY  
FIRST LAPTOP



**B** [CLICK HERE TO LEARN](#)

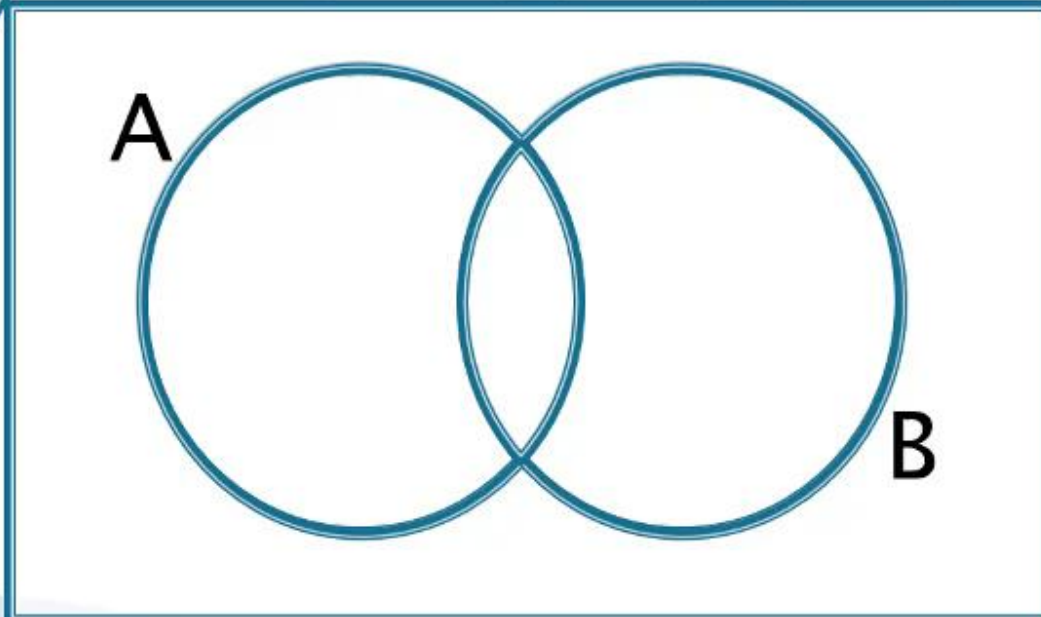
$A \cup (B \cap C)$	=	$(A \cup B) \cap (A \cup C)$
$A \cap (B \cup C)$	=	$(A \cap B) \cup (A \cap C)$
$A / (B \cup C)$	=	$(A / B) \cap (A / C)$
$A / (B \cap C)$	=	$(A / B) \cup (A / C)$
$(A \cup B)'$	=	$A' \cap B'$
$(A \cap B)'$	=	$A' \cup B'$

[CLICK HERE TO LEARN](#)

$(A \cup B)$	$(A \cap B)$
$(A \cup C)$	$(A \cap C)$
$(B \cup C)$	$(B \cap C)$
$(A \setminus B)$	$(A \setminus C)$
$A'$	$B'$
$(A \cup B)$	$(A \cap B)$
$(A \cup B)'$	$(A \cap B)'$

10 TH STD

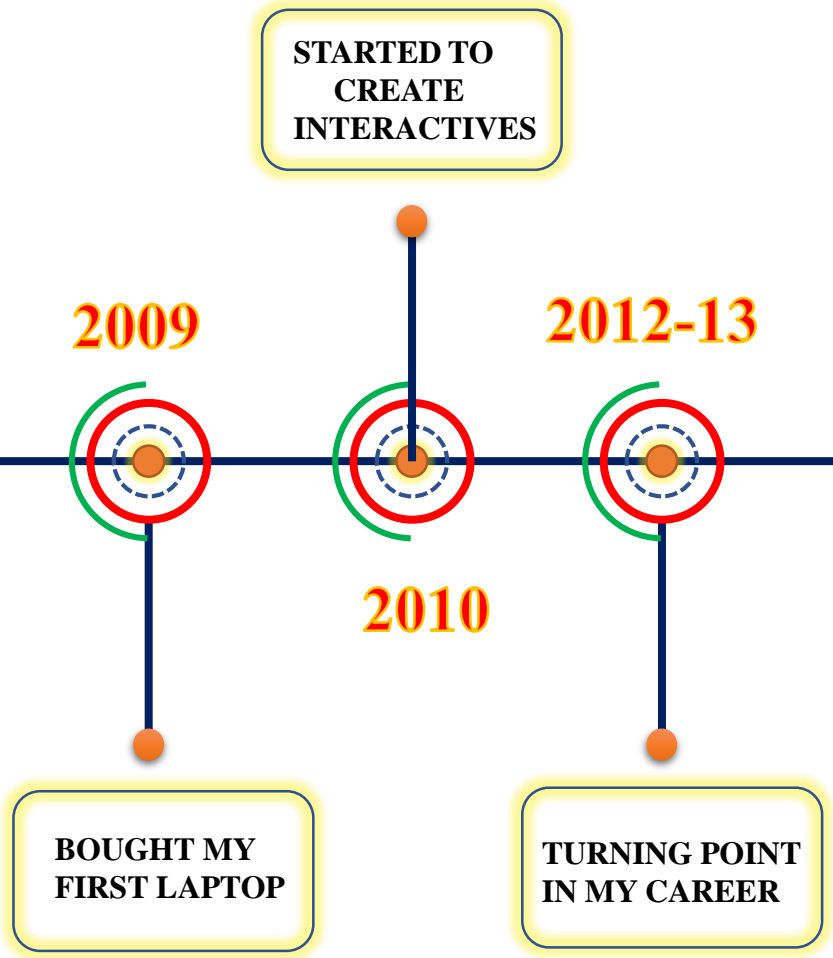
VENN DIAGRAM – SELF EVALUATION



[CLICK HERE TO SELF EVALUATE](#)

[CLICK HERE TO RETRY](#)



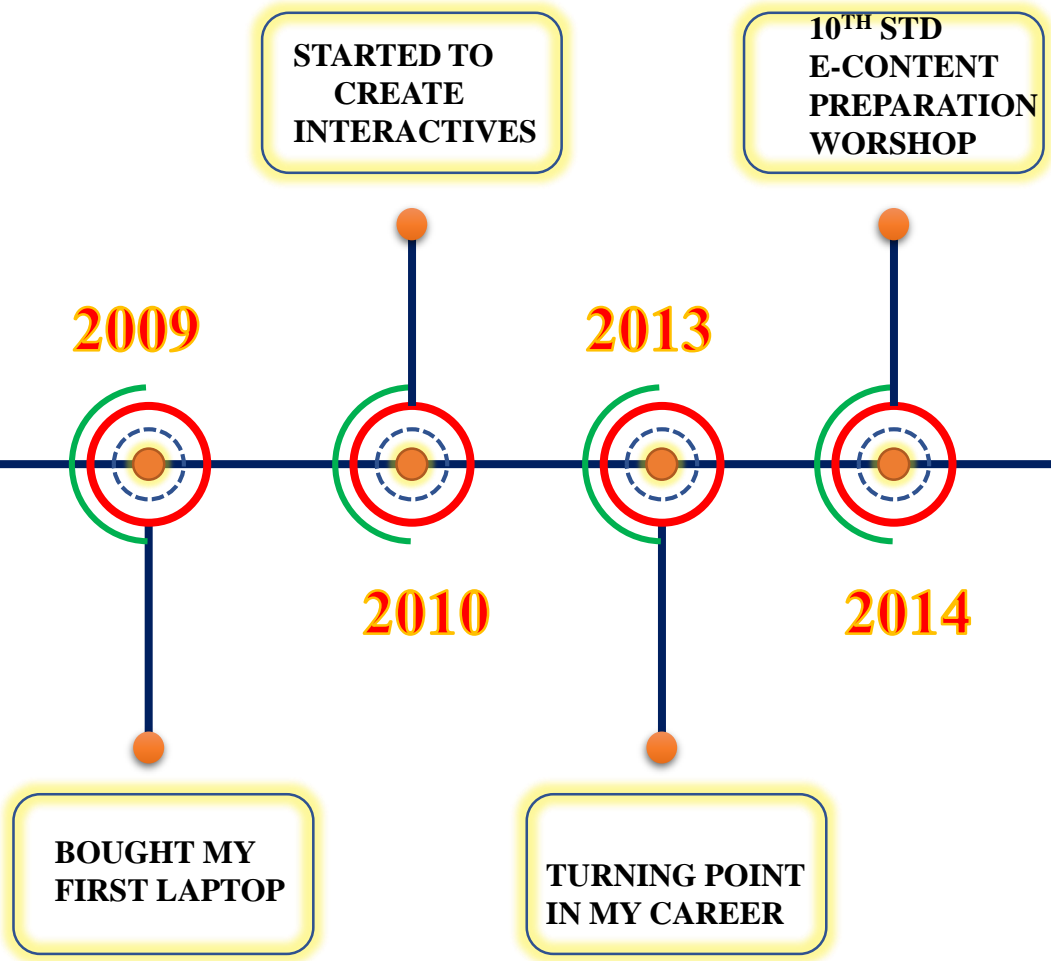




## SHARING GOOD PRACTICES – WORKSHOP 2013

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







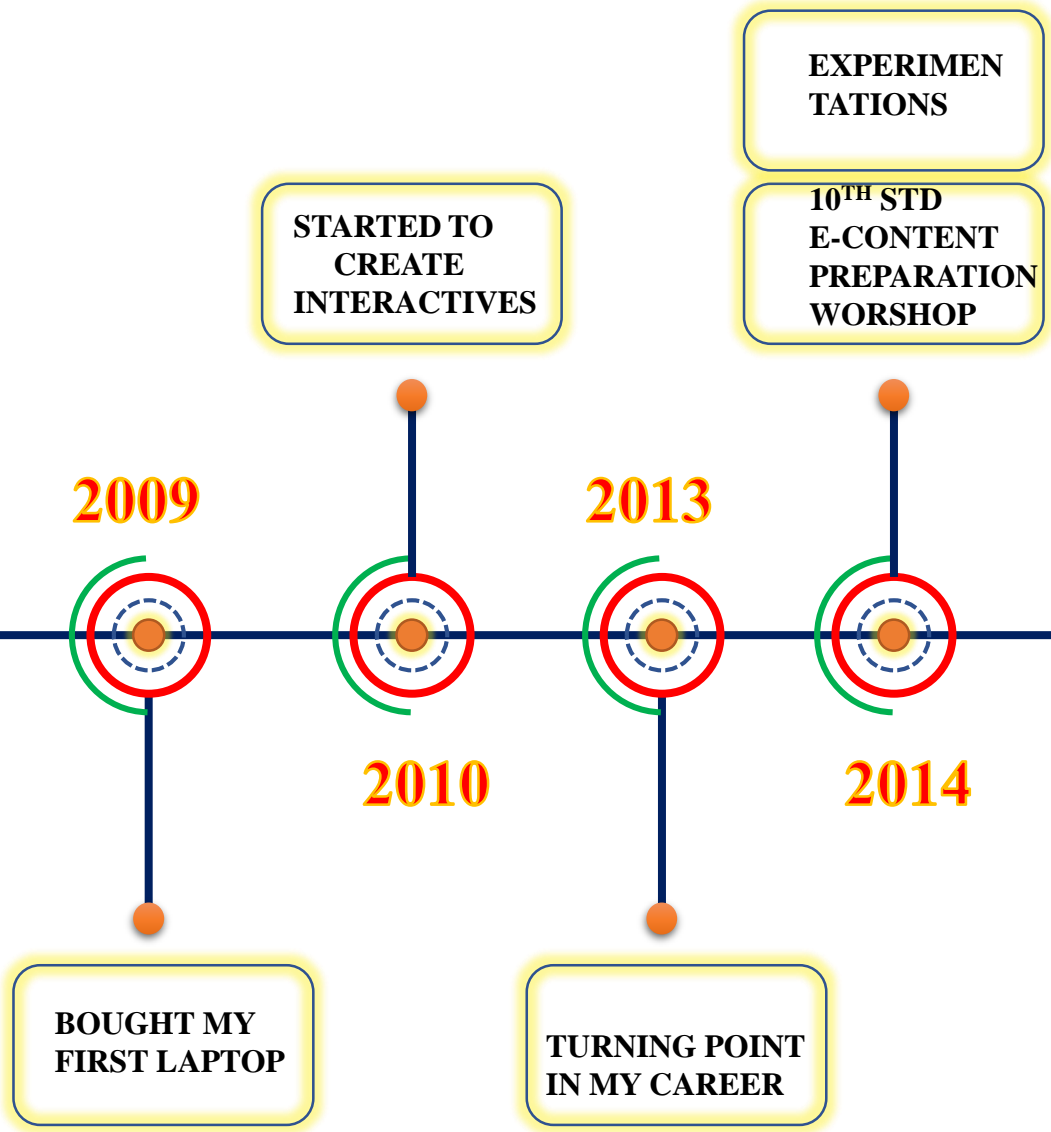
## 10th MATHEMATICS TEACHERS TRAINING

- **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



WALL AS A SMARTBOARD



STUDENT WORKING ON LOW COST SMART BOARD









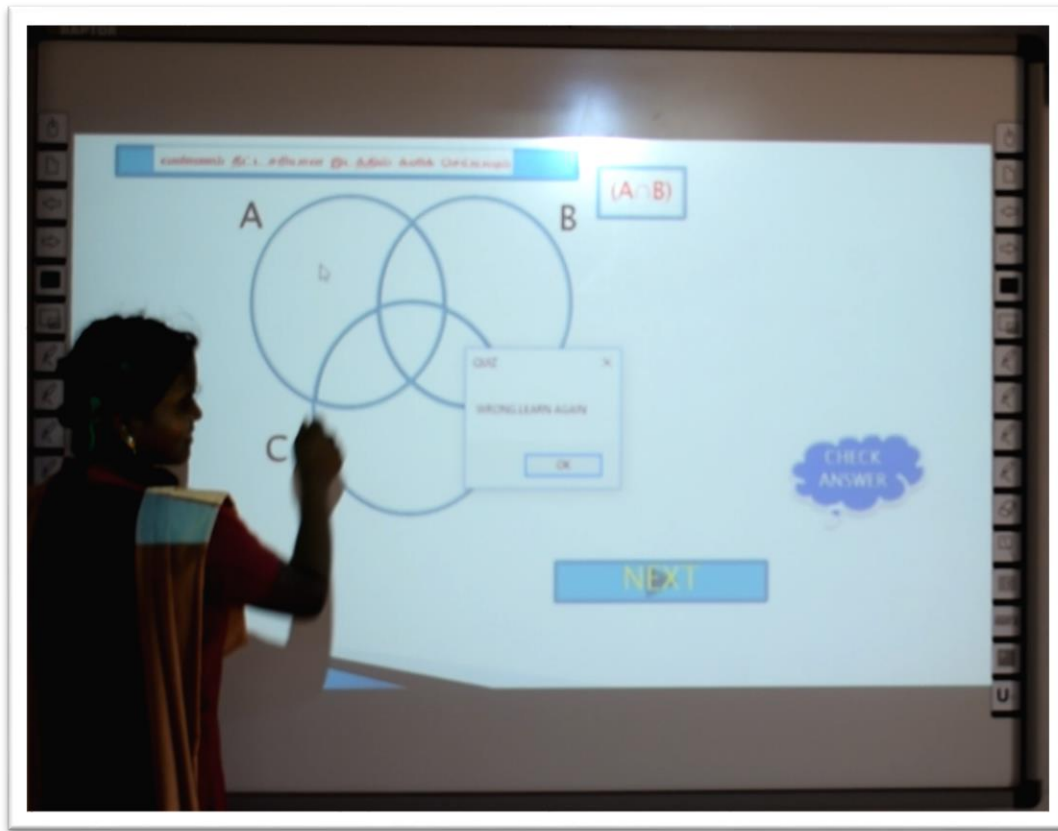
# SCHOOL INFRA

**Sony projector** - Rs 30,000

**UPS** - Rs.35,000

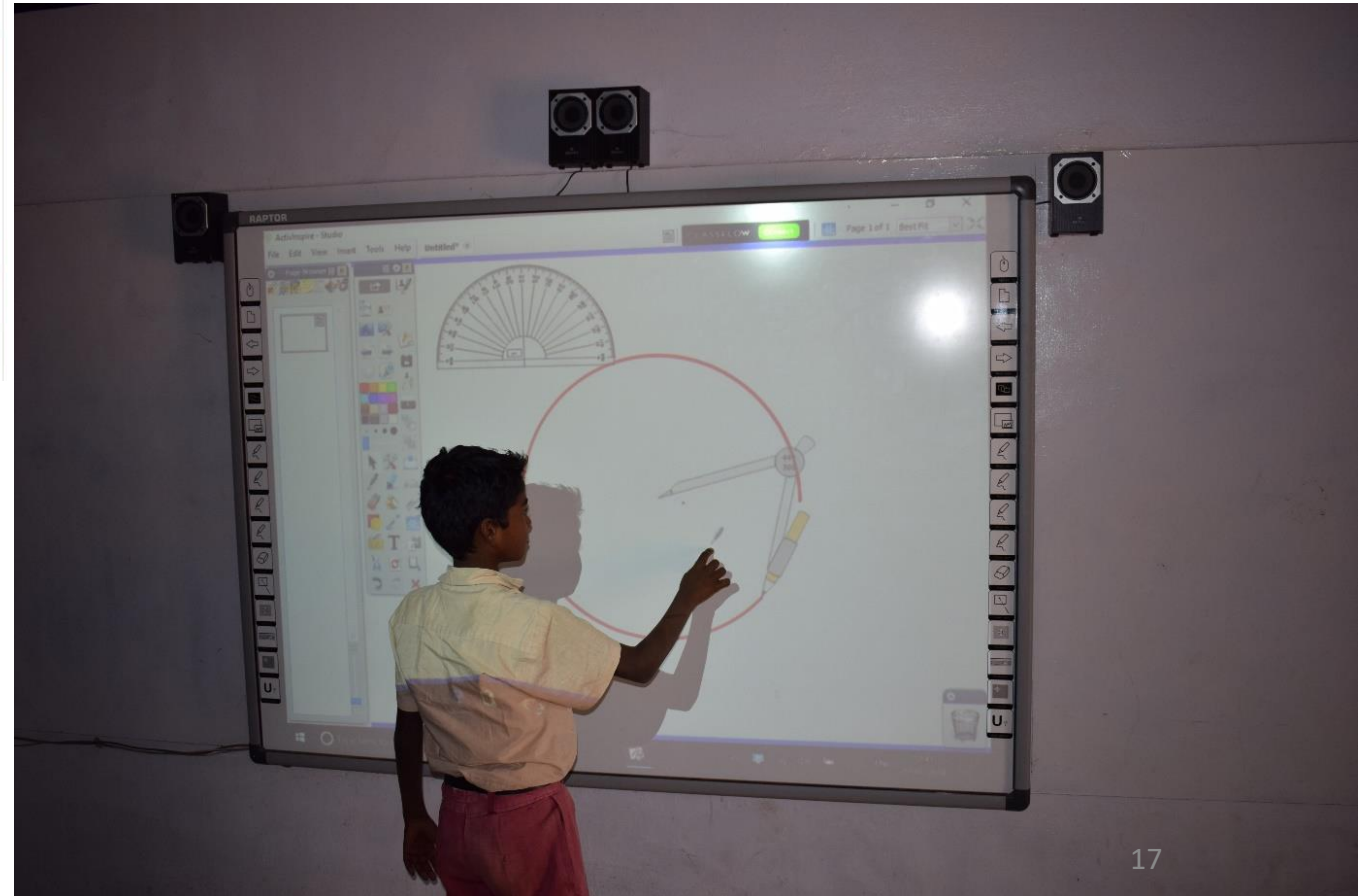
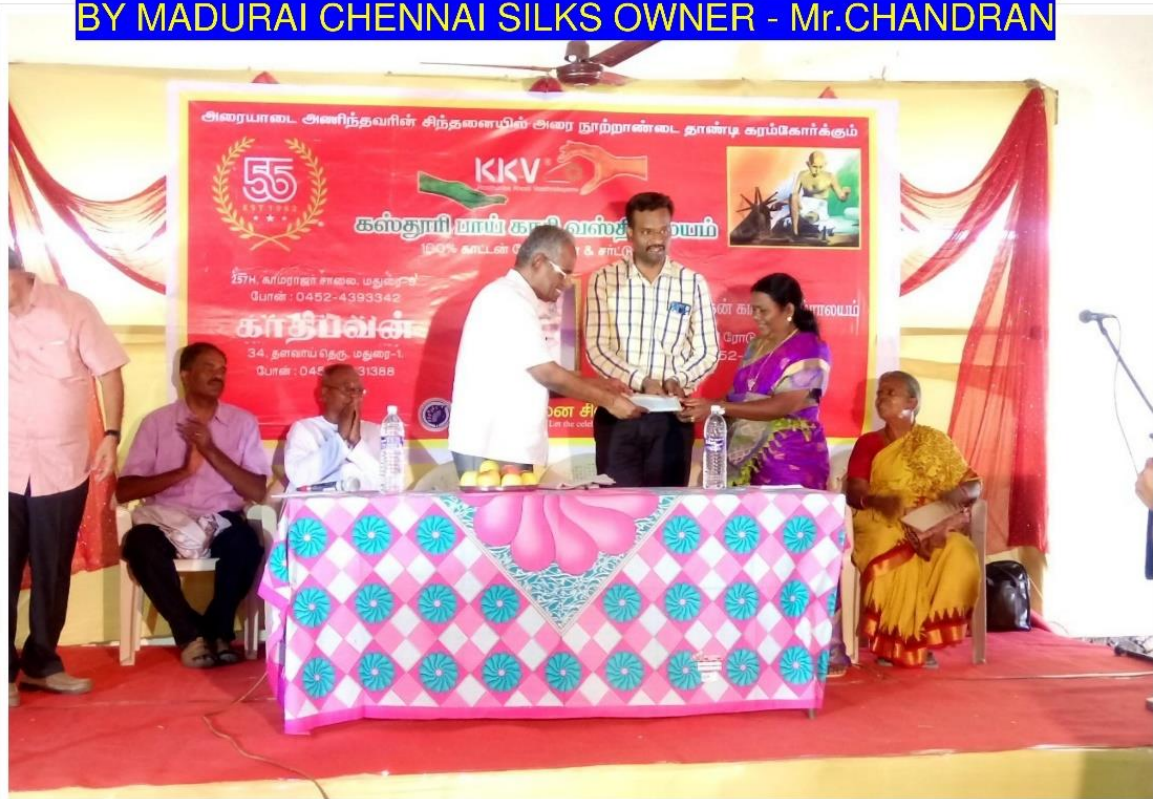
**Audio systems (For all classrooms)**  
- Rs.1 lakh

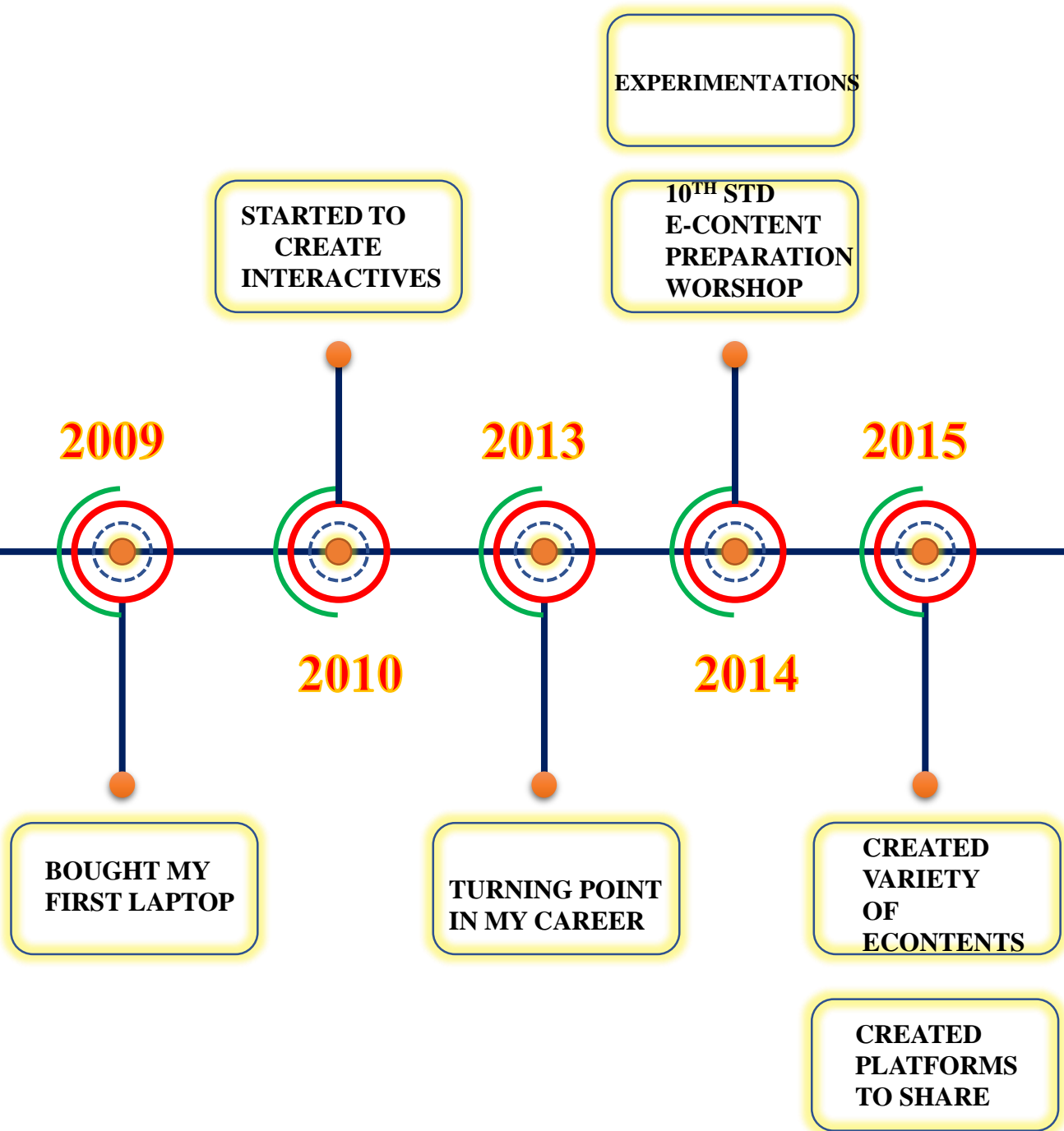
**Smartboard** - Rs.50,000



# 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**

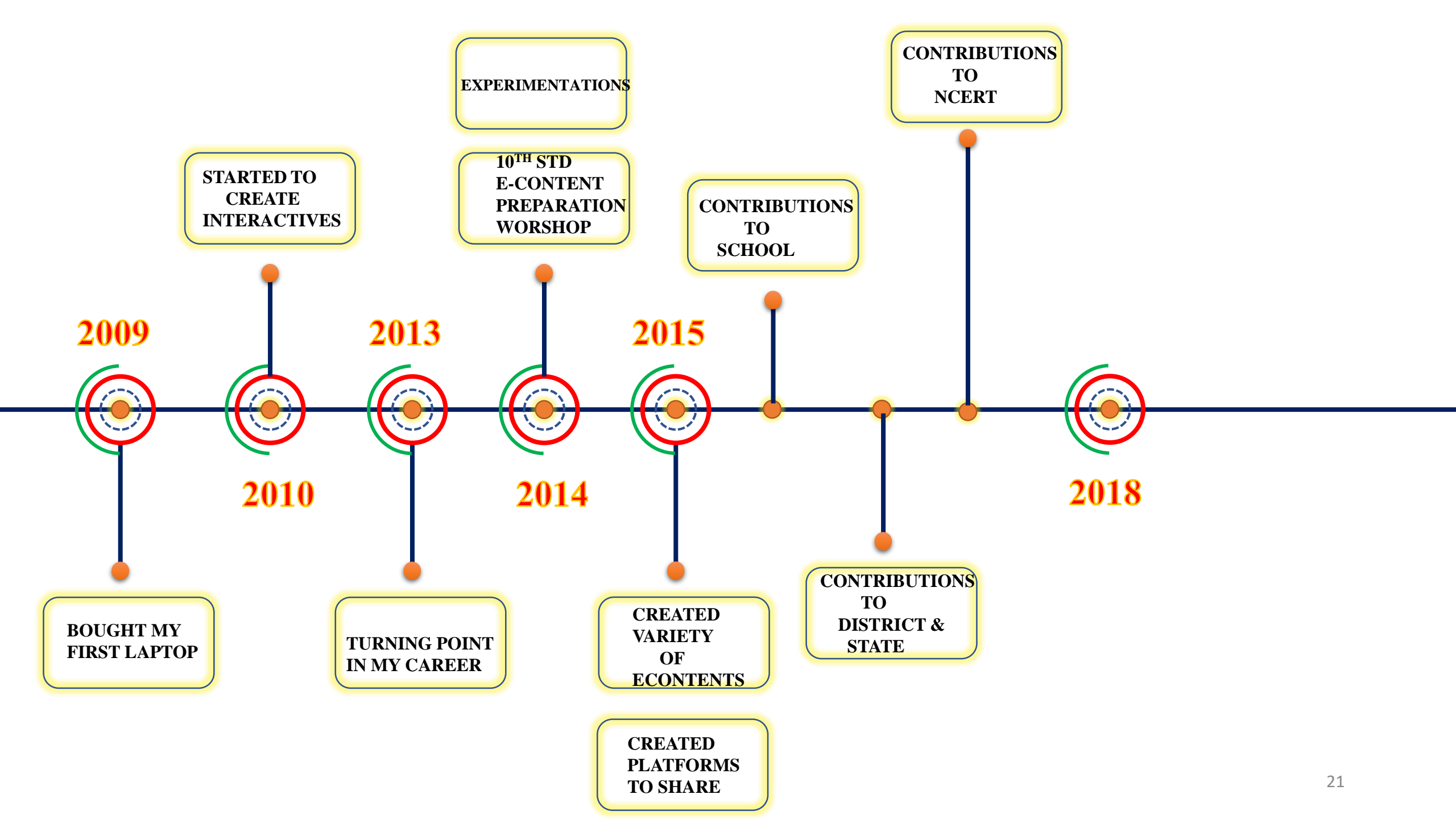
**<https://teacherstutorials.blogspot.com/> - FOR TEACHERS**



Microsoft  
Innovative Educator  
Leadership Awards

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**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







# 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  
Associate Professor of Commerce,  
Annammalai 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  
HOD, Stella Maris College, Chennai

Dr. T. Thirupathi  
HOD, Government Arts College,  
Salem

Dr. K. Padhmanaban,  
Professor, Department of Commerce,  
Annammalai University, Chidambaram

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

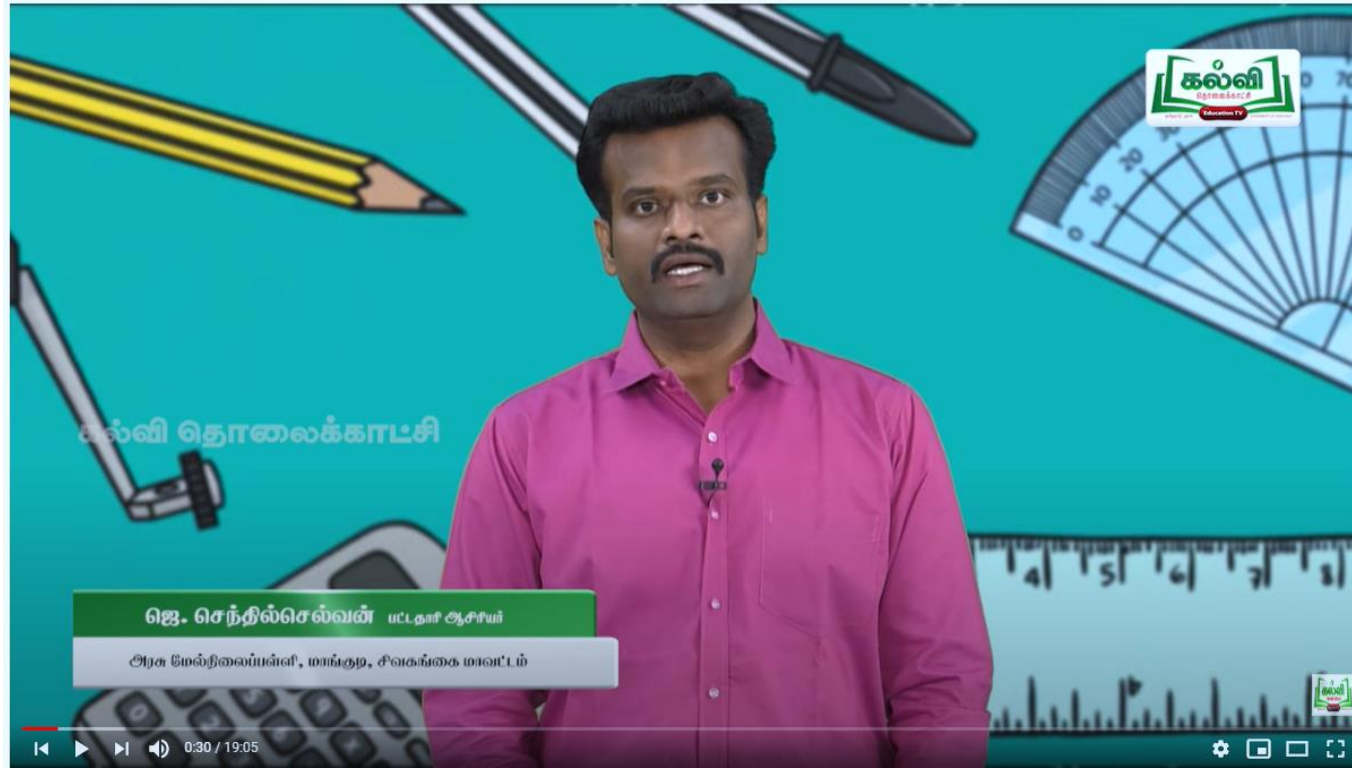
S.S. Kumaran  
HM (Retd), KENC GHSS, Manavalanagar, Thiruvallur

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

G. Baskar  
PG Assistant in commerce, Hindu HSS,  
Madurantakam, Kancheepuram Dist.

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

Dr. J. Anand  
PG Assistant in commerce, Mahalinga Vignana Mandira HSC



## **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 interface. At the top, there is a search bar with the text "Search or enter QR code" and a "Search" button. To the right, there is a language selector set to "English" and a user profile icon. Below the search bar, there are navigation buttons for "Digital textbooks", "Courses", "TV classes", and "All". The main content area features a large banner with the text "கருத்தாக்கம் & காணொலித் தயாரிப்பு" (Content Development & Video Production) and "ஜெ.செந்தில் செல்வன், ப.ஆ அ.மே.நி.பள்ளி, மாங்குடி, சிவகங்கை." (J. Senthil Selvan, P.A. A.M.N. School, Mangudi, Sivakangai). Below this, another banner reads "கருத்தாக்கம்" (Content Development) and "ச.மு.மணி, ப.ஆ அ.உ.நி.பள்ளி, திருக்கண்டலம், திருவள்ளூர்." (S.M. Mani, P.A. A.U.N. School, Tirukkandalam, Tiruvallur). At the bottom of the banner, it says "மாநிலக் கல்வியியல் ஆராய்ச்சி மற்றும் பயிற்சி நிறுவனம்" (State Institute of Educational Research and Training) and "தமிழ்நாடு அரசு" (Government of Tamil Nadu). On the right side, there is a filter menu with options "All", "Video", "Interactive", and "Docs". Below the filter, there is a section titled "1 கண மொழி" (1st Language) with "GGB CONTENTS". The content list includes: "P.1-வென்படம்" (P.1-Image), "P.1-கணச்செயல்களை வென்படத்தில் குறிக்க" (P.1-Label the operations in the image), "P.1-வென்படம்" (P.1-Image), "P.1-பொருத்துக" (P.1-Label), and "P.18-கணங்களின் சேர்ப்பு" (P.18-Addition of numbers). There is also an "Ask Tara" chatbot 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.

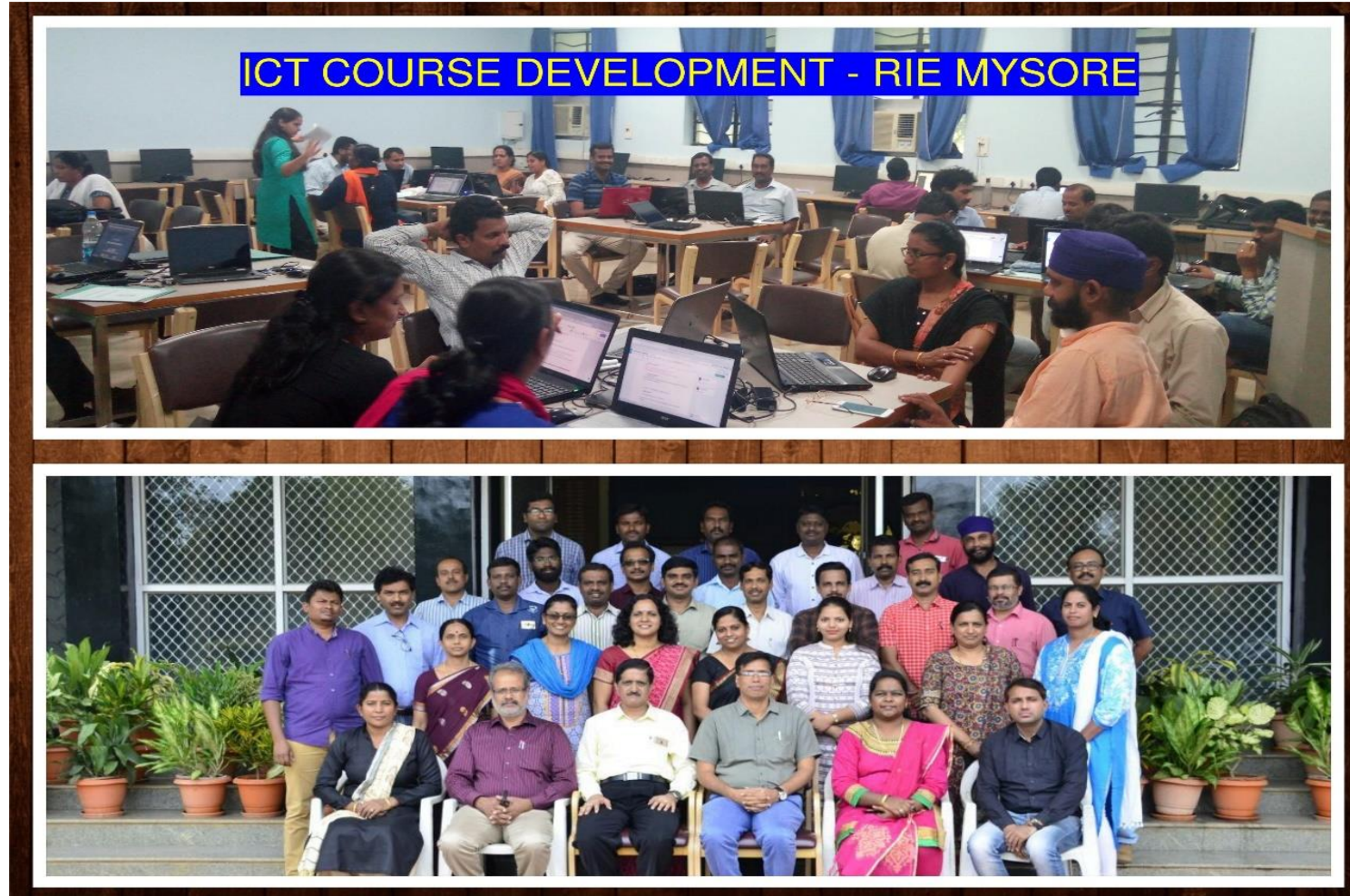




## ICT course curriculum workshops:

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

I created video tutorials for ICT induction Course.





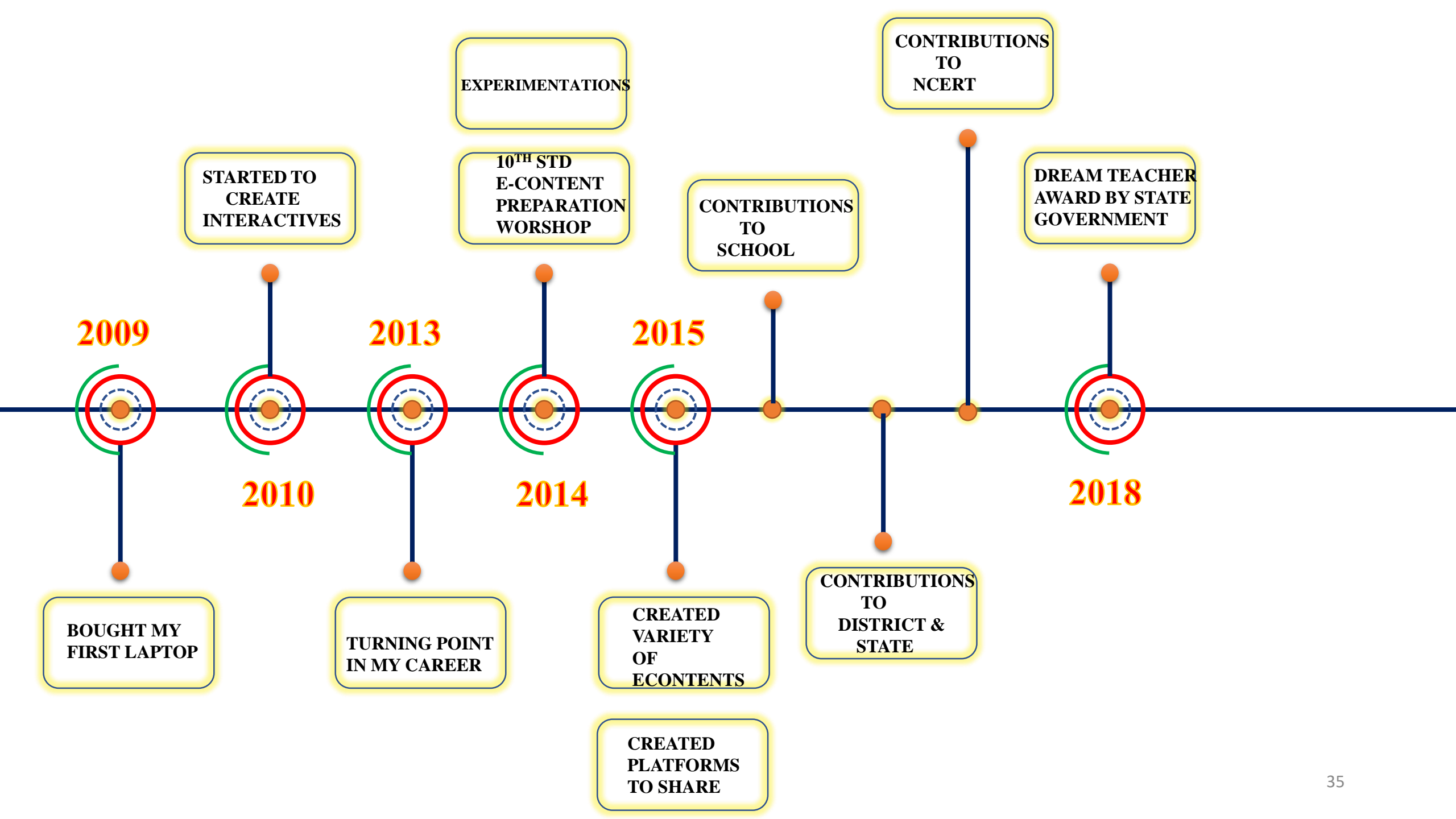
# State Resource Group Member (SRG).





# 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 ஊக்கப்படுத்தும் வகையில்

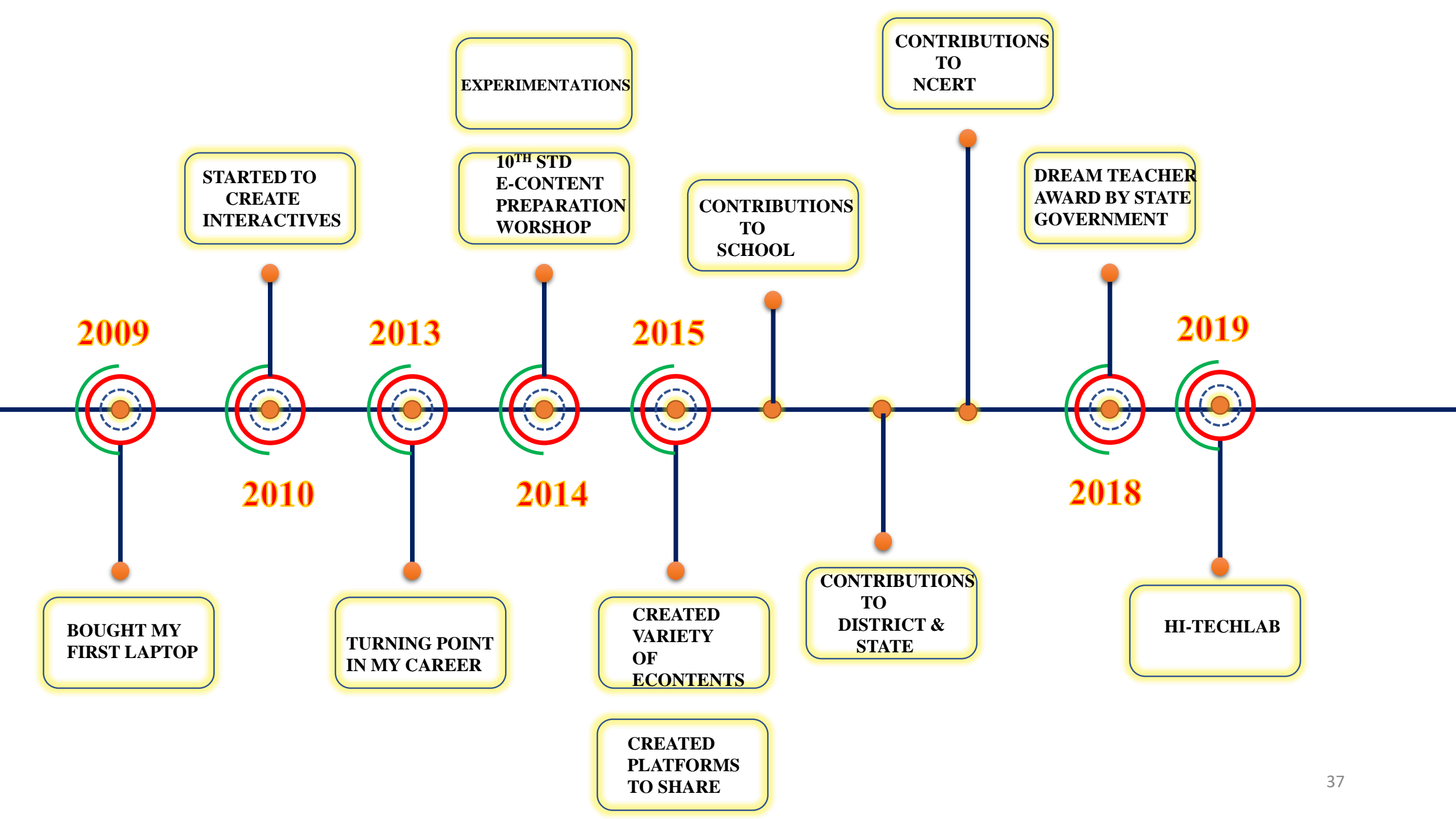
தமிழ்நாடு அரசு  
கனவு ஆசிரியர் விருது  
வழங்கிப் பாராட்டுகிறது.

நாள் : 9.7.2018  
சென்னை : 600 006

9/7/18  
பள்ளிக் கல்வி இயக்குநர்







# HI-TECH LAB

உயர் தொழில்நுட்பக் கணினி ஆய்வகம்

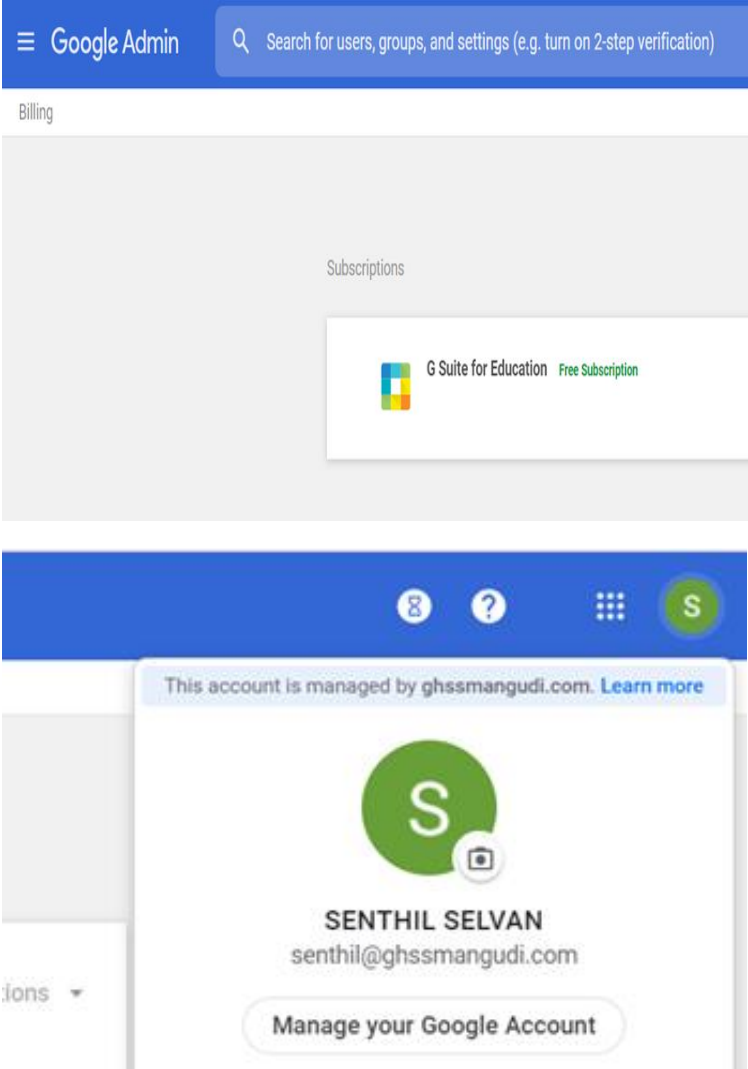








# ONLY GOVT SCHOOL IN OUR STATE HAVING GSUITE FREE LICENSE



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Govt Higher Secondary school,Mangudi

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Select a product to view and assign licenses.  
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Name ↑

Office 365 A1 for faculty

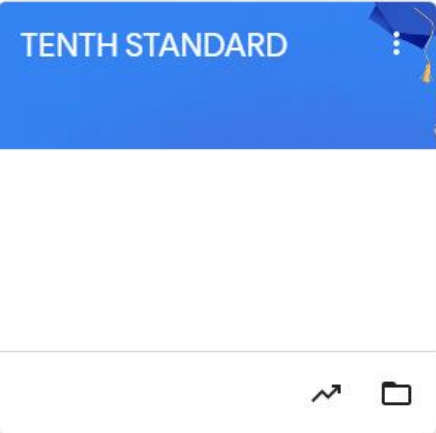
Office 365 A1 for students

# 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

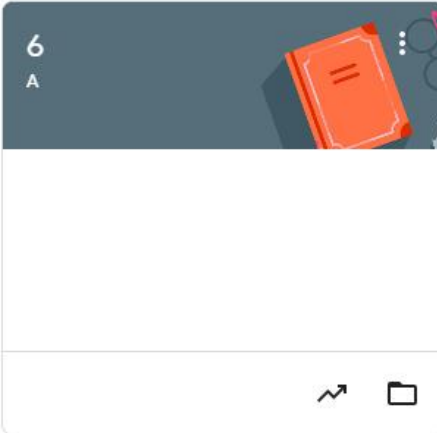
📅 To review   📅 Calendar

TENTH STANDARD



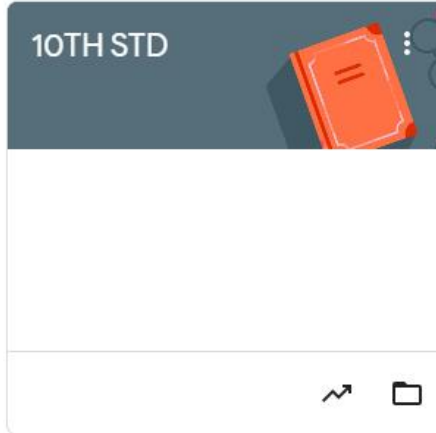
This card has a blue header with the text "TENTH STANDARD" and a graduation cap icon. The main area is white and empty. At the bottom right, there are two icons: a line graph and a folder.

6  
A



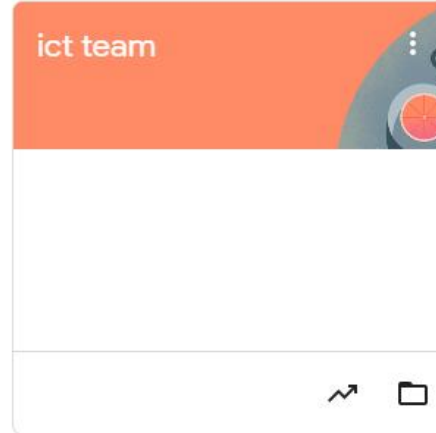
This card has a dark grey header with the text "6 A" and an orange book icon. The main area is white and empty. At the bottom right, there are two icons: a line graph and a folder.

10TH STD



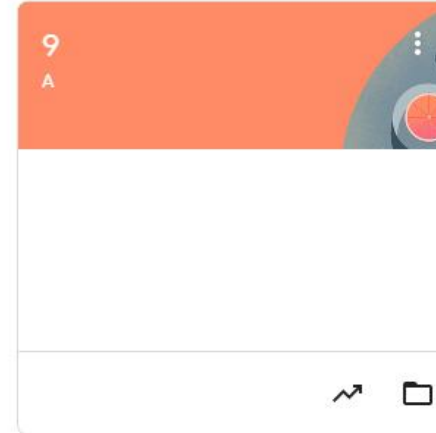
This card has a dark grey header with the text "10TH STD" and an orange book icon. The main area is white and empty. At the bottom right, there are two icons: a line graph and a folder.

ict team



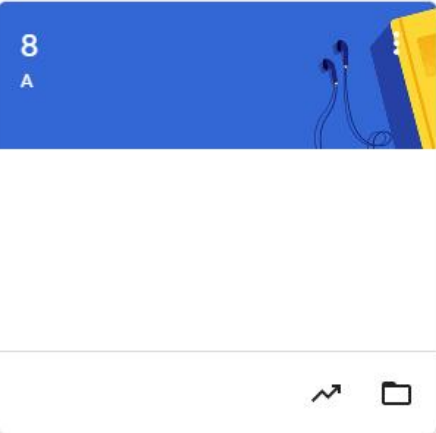
This card has an orange header with the text "ict team" and a gear icon. The main area is white and empty. At the bottom right, there are two icons: a line graph and a folder.

9  
A



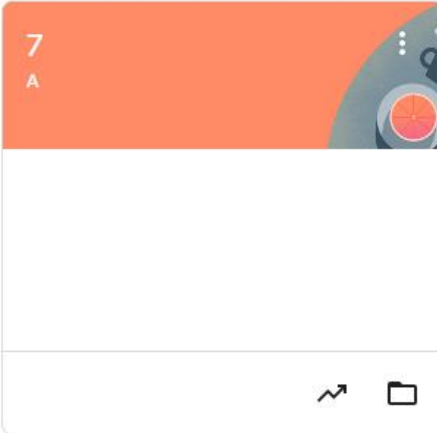
This card has an orange header with the text "9 A" and a gear icon. The main area is white and empty. At the bottom right, there are two icons: a line graph and a folder.

8  
A



This card has a blue header with the text "8 A" and a yellow folder icon. The main area is white and empty. At the bottom right, there are two icons: a line graph and a folder.

7  
A



This card has an orange header with the text "7 A" and a gear icon. The main area is white and empty. At the bottom right, there are two icons: a line graph and a folder.



Name ↑

 20200430\_204617.jpg 

 IMG\_20200429\_130641\_1.jpg 

 IMG\_20200429\_130641\_1.jpg 

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 IMG\_20200429\_130641\_1.jpg 

 IMG\_20200429\_130641\_1.jpg 

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 IMG\_20200429\_130700.jpg 

 IMG\_20200429\_130705\_1.jpg 

 IMG\_20200429\_130718\_1.jpg 

 IMG\_20200429\_130723\_1.jpg 

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 IMG\_20200429\_130742.jpg 

 IMG\_20200429\_130752.jpg 

 IMG\_20200429\_130801.jpg 

 IMG\_20200429\_130811.jpg 

# Co-operative and Collaborative learning

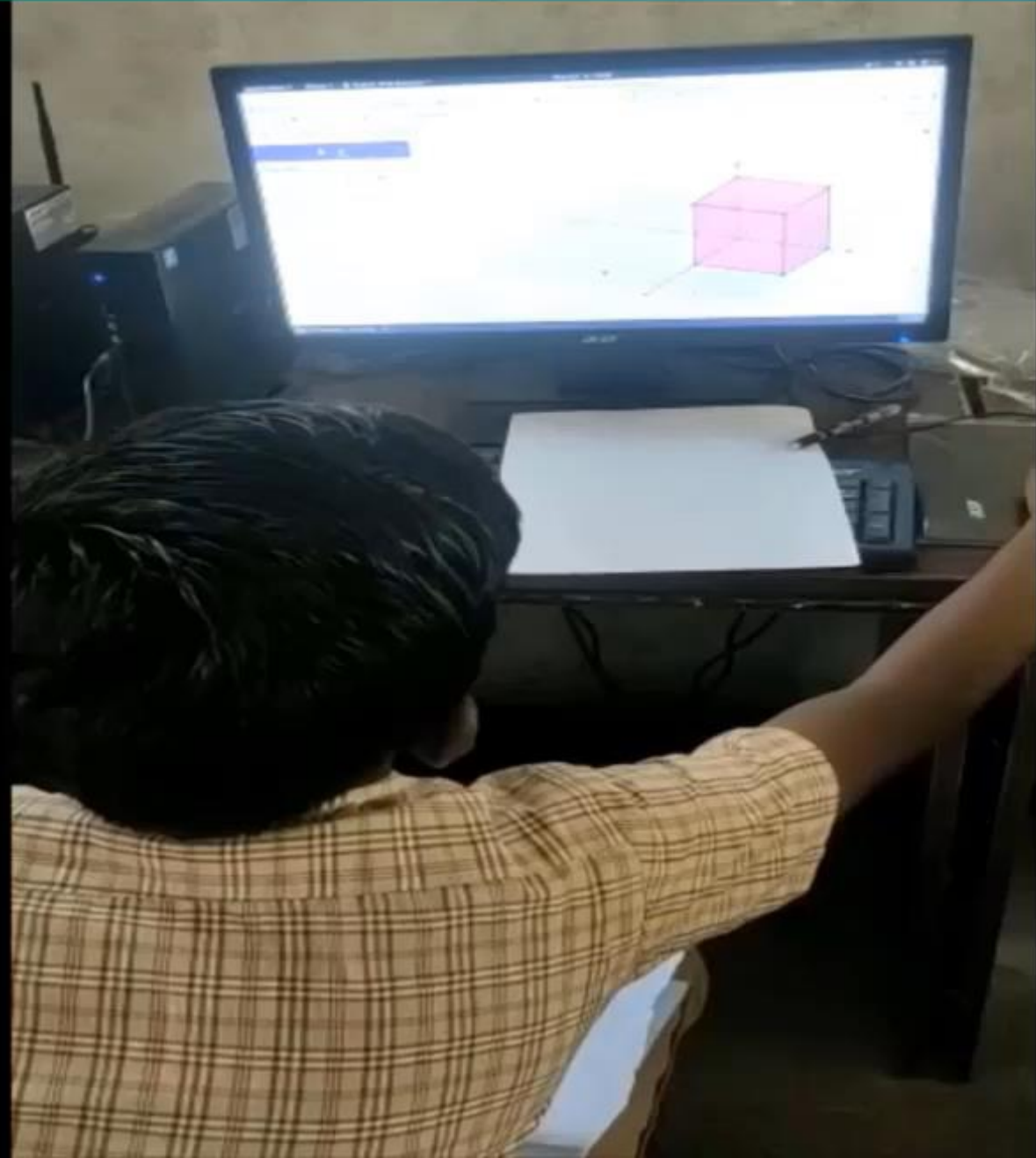




**DEVELOPING  
HIGHER ORDER  
THINKING SKILLS**



# self-learning, investigation and experimentation



# DESMOS ACTIVITY

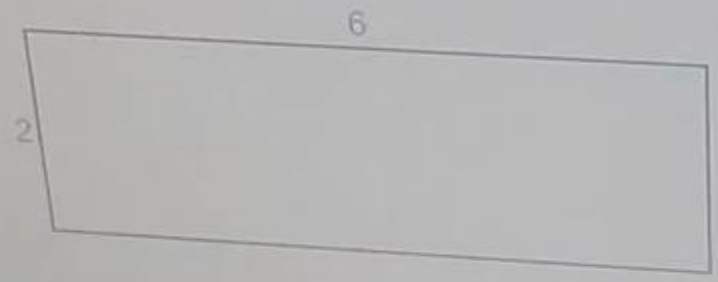
<https://teacher.desmos.com/activitybuilder/custom/5e9f1b42c9f2700c9a2c7b28>

# ASSESSMENTS

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



### Geometry



Perimeter =   cm

- 0
- 10
- Nav
- Off
- angle
- angle
- Circle
- trapezoid
- Trapezoid
- Cube
- Prism
- Pyramid
- Sphere
- Cylinder
- Cone
- Solve
- Solve x
- Complete
- Result

- Right
- Wrong
- Clock 0:

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

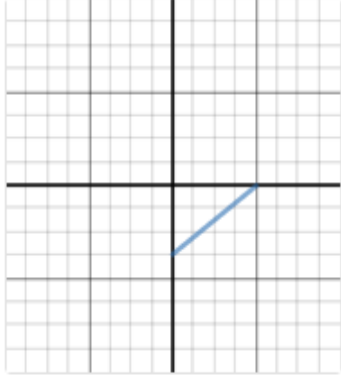
	1 நல்வரவு!	2 சவால் #1	3 யார் ச..?	4 சவால் #2	5 சரியா..?	6 சவால் #3	7 சரியா..?	8 சவால் #4	9 வரைப..?
bastinsosaidas...	—	●	×	●	●	×	×	✓	●
sanjeevi ammasi	—	●	×	●	●	×	×	✓	●
aravinthan thavi...	—	●	×	●	●	✓	×	×	●
akash kennadi	—	●	×	●	●	×	×	✓	●
jeyamurugan vai...	—	●	●	●	●	✓	×	✓	●
Aji.C	—	●	×	●	●	×	×	✓	●
stalin thainesraj	—	●	×	●	●	×	×	✓	●
haribabu nallyap...	—	●	×	●	●	✓	×	✓	●
prabhakaran kan...	—	●	×	●	●	✓	×	✓	●
nanthabalan ma...	—	●	×	●	●	✓	×	✓	●
selvaganesh kot...	—	●	●	●	●	✓	×	✓	●
baskar alagu	—	●	●	●	●	✓	×	✓	●
jeyeprabavathy s...	—	●	×	●	●	✓	×	×	●


## வரைபடம் வரைக .

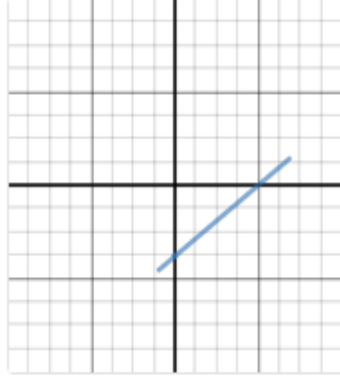
Responses


Overlay

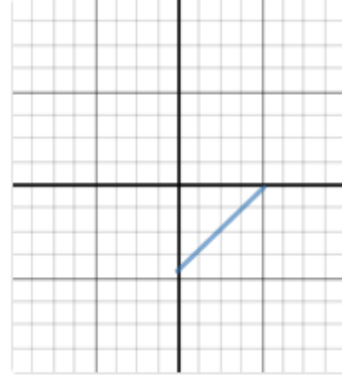
bastinsoosaida... 



sanjeevi ammasi 




aravinthan thav... 

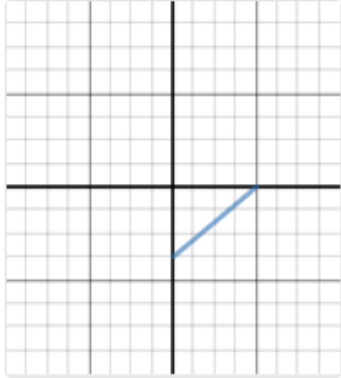



$\frac{x}{4} + \frac{y}{-3} = 1$  என்ற சமன்பாட்டிற்குரிய  
வரைபடம் வரைக.

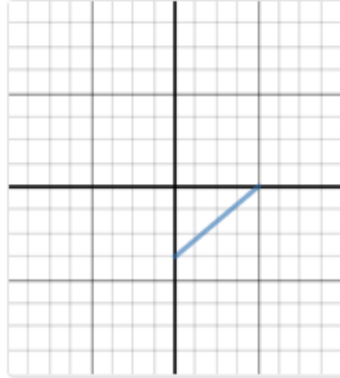
சரியாக வரைந்து காரணத்தை விளக்குக.

No responses yet...

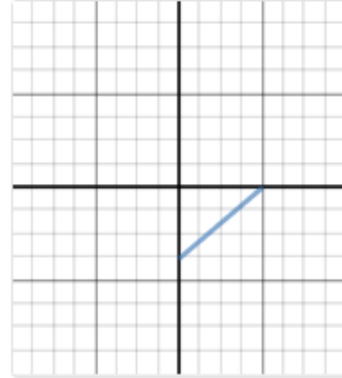
akash kennadi 





jeyamurugan v... 




Aji.C 



stalin thainesraj 

haribabu nalliy... 

prabhakaran k... 



slope =  $-\frac{3}{4}$  **CORRECT!!!**



Haribabu

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



Ajith Kumar

slope is 5



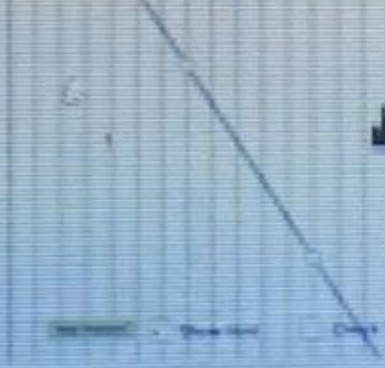
BASTIN

slope =  $-\frac{9}{4}$



KARTHIKANNAN

slope =  $-\frac{9}{4}$



bairavi

slope = -4



viji

< ASSIGNMENTS / EXERCISE 1.1 / 6

CARD VIEW STUDENTS QUESTIONS



SELECT ALL  SHOW ACTIVE STUDENTS

PRINT REDIRECT MORE

<p><b>AB</b> Alagu, Balamurugan Graded</p> <p>Performance <b>87.5%</b> 7 / 8 <a href="#">VIEW RESPONSES &gt;&gt;</a></p> <p>Progress: 7 green, 1 red</p>	<p><b>AA</b> Arumugam, Arunthathi Graded</p> <p>Performance <b>87.5%</b> 7 / 8 <a href="#">VIEW RESPONSES &gt;&gt;</a></p> <p>Progress: 7 green, 1 red</p>	<p><b>AD</b> Arumugam, Divyasri Graded</p> <p>Performance <b>50%</b> 4 / 8 <a href="#">VIEW RESPONSES &gt;&gt;</a></p> <p>Progress: 4 green, 4 red</p>	<p><b>AM</b> Arumugam, Maheshwari Graded</p> <p>Performance <b>50%</b> 4 / 8 <a href="#">VIEW RESPONSES &gt;&gt;</a></p> <p>Progress: 4 green, 4 red</p>	<p><b>AV</b> Arumugam, Vasanth Graded</p> <p>Performance <b>87.5%</b> 7 / 8 <a href="#">VIEW RESPONSES &gt;&gt;</a></p> <p>Progress: 7 green, 1 red</p>
<p><b>BI</b> Balamurugan, Iswarya Graded</p> <p>Performance <b>87.5%</b> 7 / 8 <a href="#">VIEW RESPONSES &gt;&gt;</a></p> <p>Progress: 7 green, 1 red</p>	<p><b>BT</b> Balamurugan, Toni Graded</p> <p>Performance <b>37.5%</b> 3 / 8 <a href="#">VIEW RESPONSES &gt;&gt;</a></p> <p>Progress: 3 green, 5 red</p>	<p><b>KK</b> Kannan, Kousalya Graded</p> <p>Performance <b>62.5%</b> 5 / 8 <a href="#">VIEW RESPONSES &gt;&gt;</a></p> <p>Progress: 5 green, 3 red</p>	<p><b>KS</b> Katturaja, Soundharya Graded</p> <p>Performance <b>87.5%</b> 7 / 8 <a href="#">VIEW RESPONSES &gt;&gt;</a></p> <p>Progress: 7 green, 1 red</p>	<p><b>LS</b> Lakshmanan, Sivaraj Graded</p> <p>Performance <b>87.5%</b> 7 / 8 <a href="#">VIEW RESPONSES &gt;&gt;</a></p> <p>Progress: 7 green, 1 red</p>



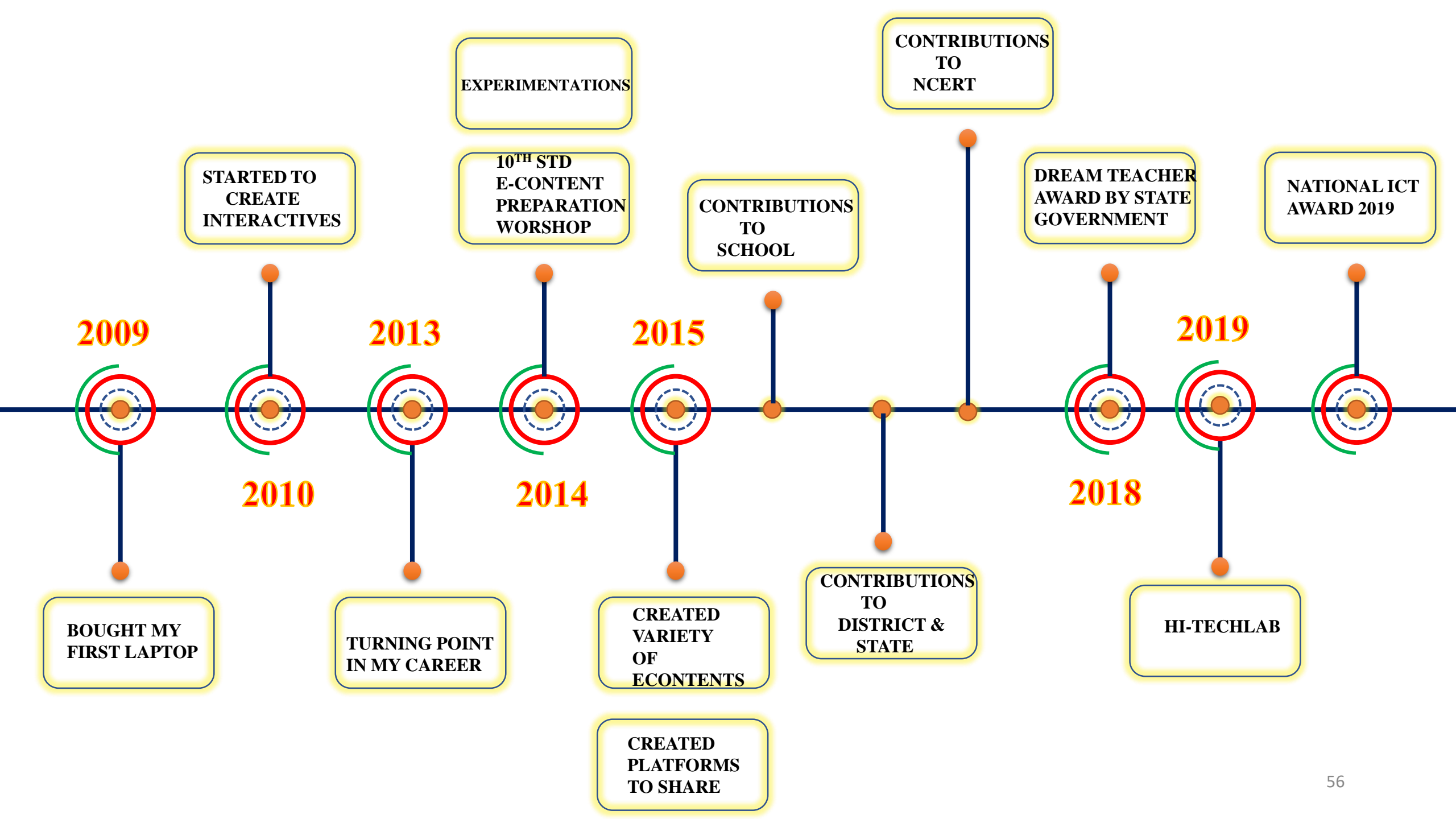
# Virtual manipulative activities

- **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 De**  
Minister of State for Education, Government of India  
Organized by  
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Monday, 28th February, 2022  
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