

# BIO-DATA

**Name- Dipen Khanikar**

**Designation- Assistant teacher**

**School- Chi Chia Bokuloni Girls' High School**

**State- Assam**

**District- Dibrugarh**

**Other Responsibility- CRCC of four clusters**

**Achievements- National ICT Award 2018 and State Award 2021**

# LEADERS WHO ALWAYS SHOW ME THE RIGHT DIRECTION



Rebati Mohan Kakati. State Programme Officer ( Teacher Training ) & Pedagogy Coordinator. Samagra Siksha, Assam



Surajit Kalita, State Consultant of Teachers' Training & Pedagogy in Samagra Shiksha, Assam.



Dr. Mizo Prova Borah, Chief Consultant (FLN), Samagra Shiksha, Assam.



Binti Sarma Inspectors of School and And District Elementary Education Officer, Dibrugarh



Madhurjya Jyoti Handique Block Mission Co-ordinator, Tengakhat Education Block



Jiten Sarmah Head Master Chi Chia Bokuloni Girls' High School

**My journey as a teacher starts in 2003 as a Assistant Teacher of Chi Chia Bokuloni Girls' M.E. School. The school was amalgamated with Chi Chia Bokuloni Girls' High School. At that time in our locality, students, teachers and guardians are not familiar with ICT. It was a remote and rural area. ICT became popular while smart phones became available. It was as far as I can remember in 2011.**



**SINCE 2003**

**CHI CHIA BOKULONI GIRLS' HIGH SCHOOL**

## BEFORE THE TIME OF ICT

Before that time I used to provide fun and joyful learning by other joyful activities like puppet show, story telling, group activities etc. as per desired learning outcome.



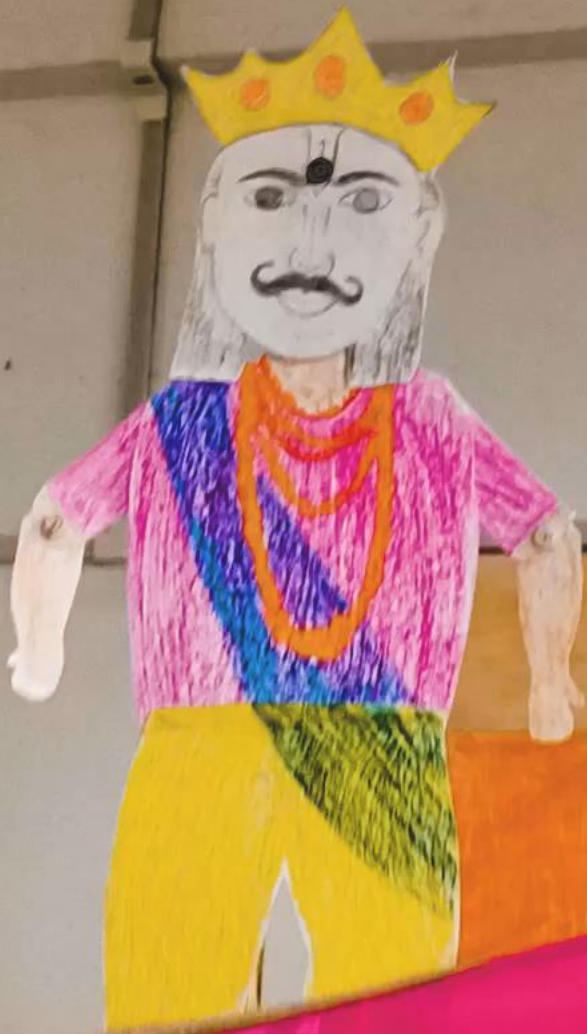


# Puppet plays a vital role in achieve desired learning outcome of students













**As we all know that our education policy recommends all round development of our children. Only academic side cannot fulfil this aspect. We need to ensure proper development of physical, emotional, social and other field. So I encourage the students to practice yoga, sports and other physical activities. I organise yoga workshop not only in my school but my neighbour schools and all school of my cluster.**





**My ICT journey starts in 2017 when I attended a workshop on Developing E-content organized by SCERT, Assam. At that time I was not familiar with ICT. That time I had little knowledge on ICT like MS Word, Excel, PPT and some mobile application of video editing and image editing.**

**That workshop was very significant for me. There we met Dr. Mizo Prova Borah formerly Deputy Director of SCERT, Assam. With her guidance and encouragement my ICT journey took a significant turn. With her guidance I started self learning of 2D and 3D modelling and animation.**



**Dr. Mizo Prova Borah,  
Chief Consultant(FLN),  
Samagra Shiksha,  
Assam.**



**She is a Textbook writer and active Researcher in the field of English Language and Literature, Multilingual Education, Folklore, Value Education, etc. Her latest passion is engaging herself in innovative projects, Educational video creation and grooming motivated teachers and others into Animators and Value Educators.**



I took help of tutorial videos from you tube. During the covid19 pandemic the institutions were remained closed and we have to remain inside home. I took this pandemic as an opportunity to explore the virtual world. I worked around 15 to 20 hours per day to develop myself as a animator and e-content creator. During this period to fill up the learning gaps of students I organised online classed, online lesson based quiz, cultural programme. During this pandemic period teachers and other adults also became panicky. So I organised virtual yoga and wellness programme to empower the teachers. Before this pandemic period the students and guardians were not familiar with online class or any virtual learning. Now I can work on several windows application to develop E-content and 2D and 3D animation. Around 35 E-contents were published in DIKSHA portal. My colleague help by providing voice for my videos.

## WHY ICT INSIDE THE CLASSROOM

- ❑ Every child is a self learner and they tend to learn in a unique way. ICT gives opportunity to learn them their own way.
- ❑ Every child is independent, creative thinker and problem solver. Through ICT we can create an environment so that children can get chance to explore their creativity, critical thinking and collaborating.
- ❑ It is a fact that learners learn better if they are taught using more sense organ. ICT plays an vital role to learn through multisensory learning.
- ❑ As we know that technology saves time and makes the things easier, so a teacher can do more work in less time.
- ❑ ICT makes a bridge from abstract to concrete.
- ❑ It is very helpful in science. In subject of science we can not show some things physically, such as our internal organs, some animals, things or materials. We can show these through 3d modelling or video or photos and through h5p interactive content.



**SCERT, ASSAM**



# **KEEP HEALTHY**



**TEXTBOOK- BEGINNERS' ENGLISH-II**

**CLASS – 2**

**SUBJECT – ENGLISH**

**LESSON – 4**

**TOPIC- WORDS WITH 'sh'**

## WHY THESE VIDEOS ?

The children in my school and the neighbouring schools have difficulty in the sounds of English. Especially in case of letters J and z, f and v, and many wrongly say the letter 'w'. Since I also have difficulty in these, I thought I should do something and collaborated with my mentor from SCERT, Assam to do something. I was then given this concept and asked to use my little expertise in technology like 'BLENDER', 'PPT', 'OPENSHOT', 'AUDACITY' etc. to do this. My fellow colleague also encouraged me by giving her voice for correct pronunciation. So, basically, we work together to give our best to the needy children of our state. I get happiness and a lot of satisfaction out of this.

## **OUTCOMES OF THE E-CONTENTS**

**In my school after watching my videos in Diksha the students are able to pronounce the letters and words properly. As the proper way of write letters and words are shown in the videos their handwriting also found improved.**



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# SOFTWARES I USE

## 2D and 3D animation

- blender
- Adobe Photoshop
- Adobe character animator
- Adobe after effects
- Adobe illustrator
- Moho
- Cartoon animator
- MS PowerPoint
- Canva

## Photo Editing and Graphics Design

- Adobe Photoshop
- Gimp
- Krita

## Audio Editing

- Audacity

## Video editing

- Adobe Premier pro
- Openshot
- OBS Studio

## Mind Mapping

- Freeplane

## Maths and Geometry

- GeoGebra

I have already mentioned that our school had no ICT facilities when I joined. Now we have ICT lab for e-class. Through this lab students are connected with virtual world and e-contents are easily available.






## **IMPECTS OF E-CONTENTS DURING THE PENDEMIC PERIOD**

**The e-content that I have created for DIKSHA during the period of lockdown in the wake of Covid-19 helped learners:**

- 1.In understanding the concepts through audio-visual mode.**
- 2.It engaged learners and kept them activated as there were assessment exercises given at the end of each learning material uploaded on DIKSHA.**
- 3.It served as an extension to whatsoever topics were prescribed in each lesson.**
- 4.It helped augment online learning.**
- 5.Learners became interested to use and explore internet as a medium of learning school syllabus or curriculum.**

Now I am working on Value Education Project in guidance of Dr. Mizo Prova Borah, Chief Consultant of Fundamental Literacy and Numeracy and several videos are published in Diksha Portal. I hope these videos will help to develop human values of our students. These human values are very essential for a peaceful and violent free society. It is seen that most of the educational institutions are running after marks. Human values are found neglected. Our future generations will suffer a lot if we the teachers are not aware of this. We should spread the human values among the students and communities. So we should go beyond the classroom.



## OUTSIDE THE CLASSROOM

The environment of children's home and community plays an important role in all round development children. So we need to provide support to our community. So we should go beyond textbook and classroom. So after school I visit door to door of child's home and gather the children and guardians and perform various activities to make aware the guardians. With the help of local youth I performed various curricular and co-curricular activities for all round development of the community and students. To create a learning environment and spread human values among the community I organise various programme in every doorstep with children. To fill up the learning gaps of students I perform various fun activities as per learning outcomes like puppet show, story telling, games, cultural activities etc.















# COMMUNITY MOBILIZATION FOR SOCIAL AWARENESS AND DEVELOPMENT



## MY FUTURE PLAN

I have a dream of taking technology to the parents by developing an app and distribute it free so that children will be able to learn correct sounds of the letters in multiple languages, including the mother tongue because children have not yet been taught that letters represent sounds. They have been learning letters in isolation and so reading skill is not developed at the rate it should. I am making a few educational videos for Value Education Project, Assam, under the guidance of a British Council awarded academician DR. MIZO PROVA BORAH.