

INITIAL IMPLEMENTATION OF VIRTUAL CLASS ON PRIMARY SCHOOL MATHEMATICS AND SCIENCE



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IUE & BIT

BACKGROUND



LS HAS BEEN CONDUCTED SINCE 2006

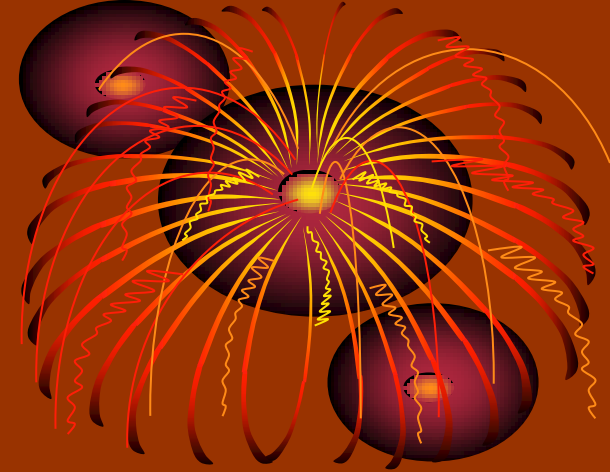
**GROUP MEETING REGULARLY SPENT
MUCH TIME AND MONEY**

MANY SCHOOLS IN REMOTE AREA

**MANY TEACHERS HAVE MISMATCH
BACKGROUND**

INOVATION LS TO ICT BASED LS

ICT BASED LS



- **START ON 2008 IN PRIMARY SCHOOL MATH AND SCIE EDUC**
- **COMMUNICATION THROUGH ICT MINIMUM TWICE A WEEK**
- **TES BED: 5 PRIMARY SCHOOL
(2 IN BANDUNG, CIANJUR, 2 IN SUBANG)**
- **COMMUNITY OF 15 PRIMARY TEACHERS**
- **LOWER COST, SHORTEN TIME AND DISTANCE**

THE ROLE OF ICT

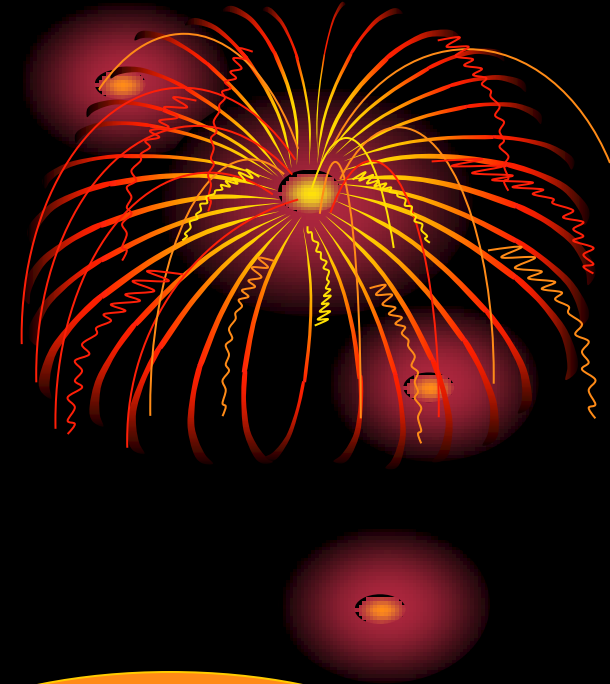
**ENHANCE TEACHERS'
PROFESSIONALITY &
STUDENTS' LEARNING**

**MAINTAIN &
ACCOMMODATE LIFE
LONG LEARNING**

ICT

**IMPROVE CAPABILITY
IN USING
COMPUTER**

**OPEN
INFORMATION
SEARCHING &
BUILDING
COMMUNITY-
BASED
KNOWLEDGE**

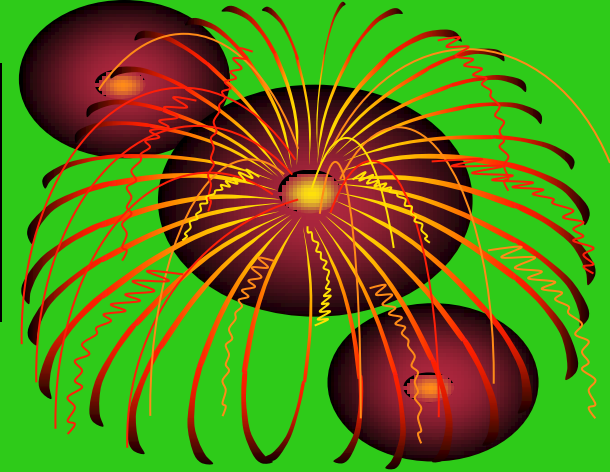


THE DEVELOPMENT LEARNING COMMUNITY

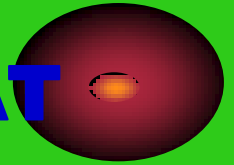


- **CONSTRUCT AND ICT APPLICATION**
- **INSTALL PARABOL ANTENA, DVB, TV/ LCD INTERSCHOOLS IN SUBANG AND INTERNET CONNECTION ON 5 PRIMARY SCHOOL AT BDG, CAJR, SUB (BIT-TEAM)**
- **IMPLEMENTATION OF LESSON STUDY BY USING ICT INSTALATION (IUE -TEAM)**
- **OPEN LESSON ON REAL CLASS & VIRTUAL CLASS ON 2 SCHOOLS AT SUBANG DISTRICT (ALTERNATELY BY TURNS)**
- **REFLECTION BY ALL TEACHER AND TEAM AS MEMBER OF LEARNING COMMUNITY**

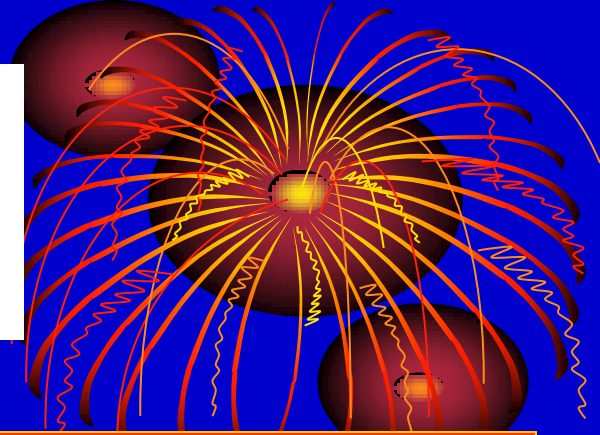
VIRTUAL CLASS VS REAL CLASS



- **MATHEMATICS TOPIC IS CIRCLE (REAL CLASS WAS CONDUCTED AT THE SCHOOL ON THE VALLEY)**
- **SCIENCE TOPIC IS ADAPTATION OF LIVING THINGS (REAL CLASS WAS CONDUCTED ON THE HILL)**
- **THE DISTANCE BETWEEN TWO SCHOOLS ABOUT 3 KM**



THE ADVANTAGE OF VIRTUAL CLASS



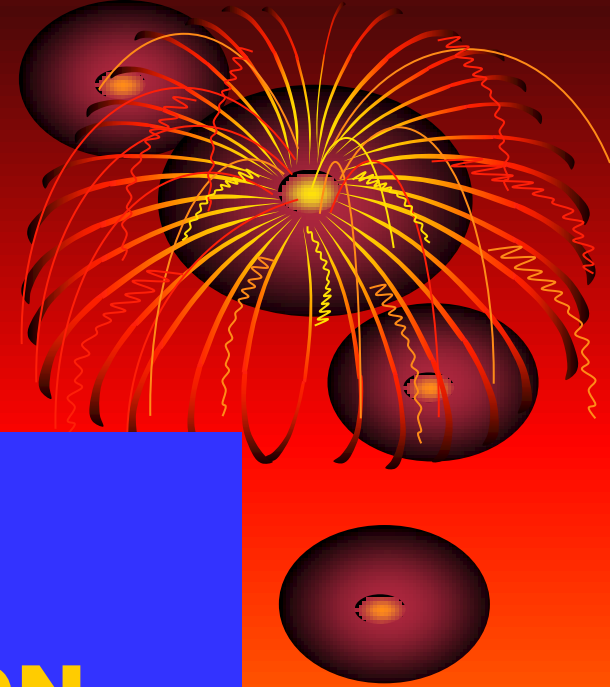
- OVERCOME THE GAP OF DISTANCE AND SCHOOL GEOGRAPHY**
- EFFICIENTLY TIME CONSUME FOR LEARNING**
- LESS AMOUNT OF TEACHER**
- AS A MODEL OF BEST PRACTICE TEACHING**
- COULD BE ANALYZED BY TEACHER AFTER LESSON**

LIMITATION OF VIRTUAL CLASS



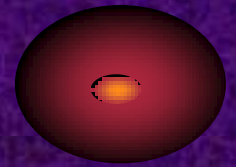
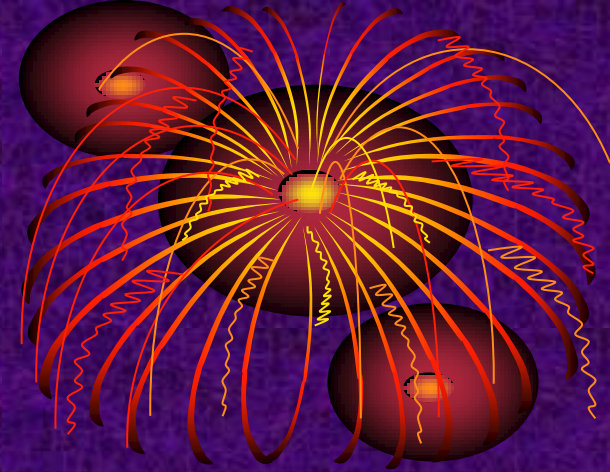
- **TOO MUCH TIME CONSUME FOR TECHNOLOGY INSTALLATION**
- **LIMITED STUDENTS' ACTIVITIES IN THE VIRTUAL CLASS**
- **INCOMPLETE PICTURE OF THE REAL CLASS (CAMERA LIMITATION)**
- **LIMITATION OF STUDENTS ACTIVITY ON THE VIRTUAL CLASS**

CONCLUSION

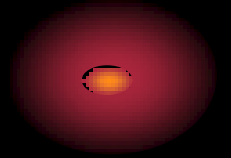
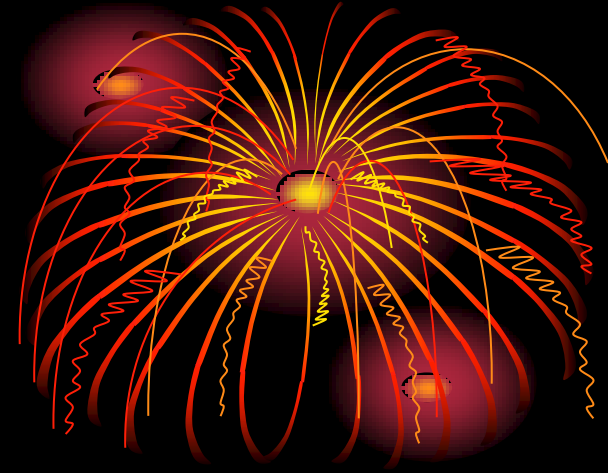


**VIRTUAL CLASS CAN
OVERCOME MANY
PROBLEMS IN EDUCATION,
SUCH AS: DISTANCE,
GEOGRAPHY, TIME FOR
LEARN, LESS AMOUNT OF
TEACHER, DISPARITY OF
EDUCATIONAL QUALITY**

SUGGESTION



**SPECIFIC STUDENT
WORKSHEET FOR VIRTUAL
CLASS SHOULD BE
DEVELOPED TO INCREASE
STUDENTS ACTIVITY ON
THE VIRTUAL CLASS**



**THANK YOU
FOR YOUR ATTENTION**