

This Report That Follows 'TAXONOMICAL STRUCTURE'... Is Based On The 'GRID' Presented On This Page.

EEDBA MODEL 0

SEMINAR COMMUNICATION VISUAL

SUBMITTED IN PARTIAL
FULFILMENT OF THE
REQUIREMENTS OF THE
MASTER OF DESIGN DEGREE
IN VISUAL COMMUNICATION.

SUBMITTED ON: 4TH OCTOBER 1991.

Executor:

M. Madhava Hebbar

Guide:

Mr. Ravi Roovaiah

PRESENTED ON: 8TH OCTOBER 1991 AT:

IDC, IIT, POWAI, BOMBAY - 76

My Most VALUED
Acknowledgements to,
Staff and Students of

for bearing with ME.

My Hearty
Regards to my
GUIDE,
Ravi Poovaiah.

Font that attires the pages held by FEVICOL ® is

DEEPLY DEDICATED TO
INITIATORS

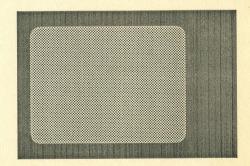
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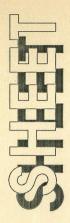
MY EXAMINER

Mr T. Phani &Mam'Anuprita,
Mr Rajiiv - Mam' Arthi &
Mr Sanjay,Mr K. P. Sinha, Mr
Manish Jain, Mr Sreekumar,
Mr Venkat, Mr Rajendra
Parmar, Mr Jyothi John, Mr
Sujit Kumar, Mr Kassati,
Mr Lohadia, Mr Pinaki,
Mr.Maury,Mr Rajkamal,
Parag Vyas, Mr Rajan,
Mam'Leena Prakash, Mam'
Amrit Kaur, Mam'Prithvi
Diwanji & Mam' Sharmila.

SPECIAL THANKS TO :

Bombay Locals, Bombay
Auto Rickshaws, BEST Buses,
Carona Sahu Footwear and
Maharaja Footwear,
Bombay Rains, Lawyers at
Bangalore, Mosquitoes
and Rats of H5.





PROWAL PROMAL

THE VISUAL COMMUNICATION SEMINAR PROJECT ENTITLED ' MODEL FOR AUDIENCE FEEDBACK FOR EDUCATIONAL FILMS 'BY M MADHAVA HEBBAR (89 61 30 23) IS SUBMITTED IN PARTIAL FULFILMENT OF THE REQUIREMENTS FOR THE MASTER OF DESIGN DEGREE IN VISUAL COMMUNICATION.

SIGNATURES:

DATE:

8TH OCTOBER 1991

GUIDE: M.S. 7/4/92

EVALUATE, EVALUATE, EVALUATE... was that morning alarm... i think i started off... what to evaluate.... my dreams...!

Morning 9.15, i was at IDC...
actually working on my project 3
on type design... and that
durable day was my first
presentation of this seminar
project... yes.. but then... it
matters less... as i had
proceeded into main designing
of the letter form... once
something starts it never will have
problem... thought over is clear...
not to call it crystal clear... yes
maybe, spectrum clear!

Then that favourable day was to be faced with a presentation of basic outline and aim as whole... i knew it.. i had prepared a bit ... my Guide was always there... omnipresent..., omnipotent... i had just spoken a day before... "Ravi what do you expect yaar...what am i supposed to do"...and.. i feel he was crystal clear... as, when ever dealt with he is... so he briefed me... " see tou are supposed to collect all the available material on the EVALUATION methods, go through the papers written by the some prominent evaluators, perhaps, form a wholistic opinion of the methodology involved... also see whether you can suggest a model for it

... apply the model you have suggested, to those films... from IDC,... perhaps, reddys film .. and your film... do it at TISS.. take help.. atleast by the end you must set a base for future application... may be you may have to see how design as whole is evaluated... and whether is the same true in context of films...

YEAH! said i... went and gave the presentation... there were quite few people around... i talked a bit .. to tell what i had discussed... pow came few suggestion... one even insisted not to evaluate my film as i may get biased...

From that day onwards i made up my mind to do lil' bit of work on it so that i present on time... but then hurdles took over... which may take pages to full... but may not be worth a penny..!

So today, 26th september 1991 day where 80% of the work is complete... though not the way it should have been... as executor strayed into area of associated topics, such as... Problems & Wicked Problems to Feedback to Operations Research and so on...it seemed interesting yet never ending topic to operate... untill my guide sirened to end the refernce and come out with conclusions... which includes the

the main feature of the project 'The Evaluation model'... so the work of compilation started..

What ever was dealt thru the books... have been reduced into a Taxonomical Structure of charts... they have been structured in parts... with bare miunimal explanation... this whole report thus remains as a base for further initiatives...

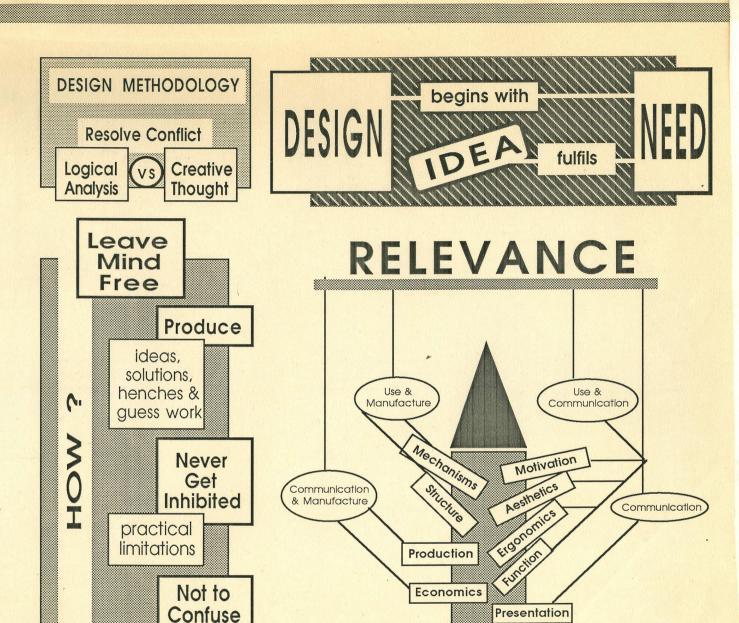
Though it could be quite taxing to go thru the pages filled with taxonomical charts, it could just be helpful as a reusable material...

Bibliography takes a frontline position as it could be a glance thru material which is not to be missed... and also this report is almost a reduction of what has been dealt in those papers / books... and is of prime importance to the future user.

Further before i end... the last line as a forte is in Avant Garde bold.... i.e.,



BOOK / PAPER	AVAILABILITY/AUTHORED BY:	CHAPTER / PAGES OF PRIME IMPORTANCE
A Handbook of Educational Technology.	IDC LIBRARY / Fred Percival & Henry Ellington	Chapt., 4 - 8.
Developments in Design Methodology.	IDC LIBRARY / Edited by Nigel Cross.	Part Three.
Developing Auto - Instructional Material.	IDC LIBRARY / A. J. Romiszowski.	Part 4&5.
The Psychology of Illustration.	IDC LIBRARY / H. A. Houghton & D. M. Willows.	Chapt., 2 & Chapt 5
Knowledge Aquisition in the Content Area Classroom.	IIT Central Library / J. R. Levin & Anglin.	Paper Contribution.
Art and Visual Thinking.	TISS Library / J. M.Royer & S. J. Brisbrock.	Paper Contribution.
Psychology of the TV Image.	TISS Library / J. Baggaley.	Paper Contribution.
Evaluating Educational TV and Radio.	TISS Library / T. Bates & J. Robinson .	Paper Contribution.



CLASS OF

DESIGN FACTORS

the process

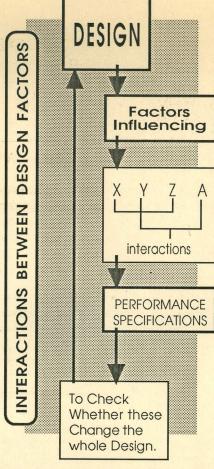
of analysis

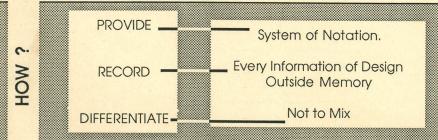
Imagination works well only if thoughts are free to alternate between all aspects of problem.

Logic works well only when systematic step by step sequence is of least departure.

Design Methods should permit both kinds of thought to proceed together if any progress is to be made.

So a Methodology becomes more authentic when Logic and Imagination is kept separate by External rather than Internal means.





ENVIRONMENT

PERSON

TOOL Media

WORK

Views / Understands / Recieves.

ACTIVITY;

- * Environment Acts on Person,
- * Person Views / Understands / Works on Design,
- * Design Reacts on Person,
- * Person Understands Media,
- * Media Performs /
 Communicates the Idea behind
 the Design,
- * Idea Communicated Reacts on Media,
- * Environment Acts on Person.

IDENTIFYING CONSTRAINTS THROUGH:

- * What is the **Unknown** & the **Condition**?
- * Is it Possible to Satisfy thetCondition?
- * Or is it Redundant / Contradictory?

Random List of Factors > *What can be NEW?

Classification of Factors > * Ideas, Solutions & Designs.

Important Quotes....

- * State Clearly what one does not know and with in what limits...
- * Caluclate and Estimate the Limits of Errors in an Experimental Situation.
- * Before Designing /
 Redesigning decide what
 actions will be taken for Each of
 the possible Outcomes.

Source of Information....

- * Ideas & Design that Exist...
- * Information on Requirements...
- * Literature / Library / Information Services...
- * Extraction of Relevant Information from Experienced Persons...
- * Separating Opinion from Fact (by asking several person the same question)...
- * Judgement Between the existing Limits...

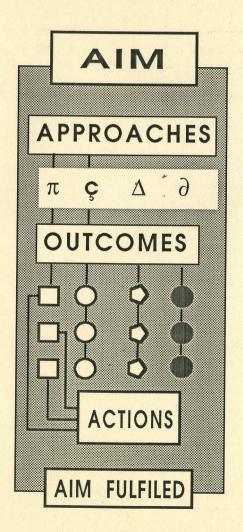
Previous pages have outlined the design process, the methodology, factors that bind etc.,

We have also dealt with the process of thinking and interrelated interactions that influence the whole design thought process...

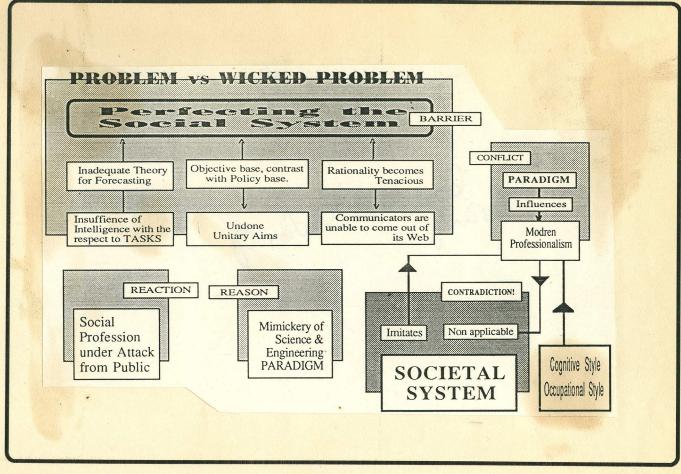
We shall discuss certain types of PROBLEM which designer or a commmunicator deals online...

Further before we end this chapter lets see how Aim of design can be built upon... with the help of ideals such Approaches, Outcomes and Actions.... chart beside indicates the clear picture of finalising the goals.

DESIGNER IS A PLANNER WITH AESTHETIC SENSE!



avant garde I... charts are in TIMES.



Problems a communicator / designer deals with are different from those problems dealt in science...

Like when we solve a mathematical equation...
Analyze structure of the compound.... or to in that context it can be same as a

chess players move to checkmate ...l.e., in science after mission is clear... its the next move that is to be cleared....this also means Science problems are tame and benign

Where as the problems a designer transists have * No traits,* They are not tame &

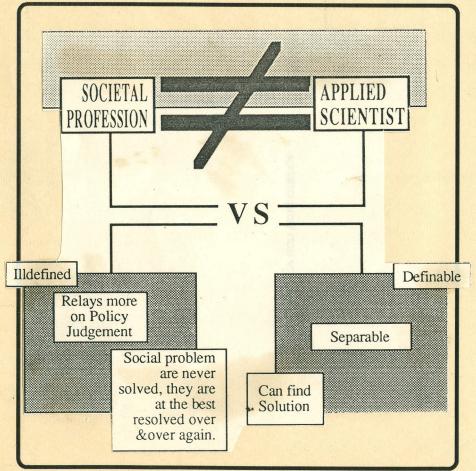
* One can not treat a wicked problem as a tame one, neither tame a wicked problem prematurely... or refuse to recognise the inherent wickedness of the problems.

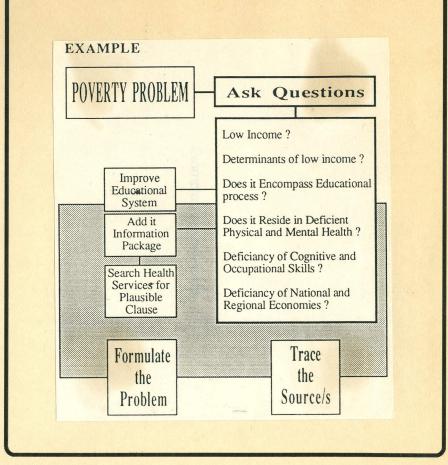
We will in next page follow it with an example...

Social problems are not similar to that of problems of science, it can not be solved in the same way.

Social problems are inherently Wicked!

Above asserts communicators are more inclined to the society...





Designer terminates work on a wicked problem...by retorting "That's good Enough " / "I like the solutions " / This is the best i could do, with in the limitations of the project ".

* SOLUTIONS are to be more provided in terms of GOOD or BAD

and not True or FALSE...

*Finding solutions is a ONE SHOT operation....*Designer / Planner has NO right to be WRONG...

*Each solution could become a

*SYMPTOM to be of another.Each is essentially UNIQUE...*Trail & Error

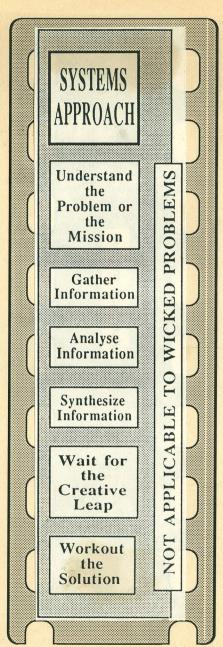
could prove costlier...

Knowing about problems - kinds... perhaps is the input to form an opinion on already existing material on Evaluation which shall be dealt in last chapter...

It is to be understood that the two ways of solving the issue is either by **Systems** approach or by **Argumentative** approach...

FINDING THE PROBLEM

FINDING THE SOLUTION



Source is the root cause of the Difference between Is & Ought to be...

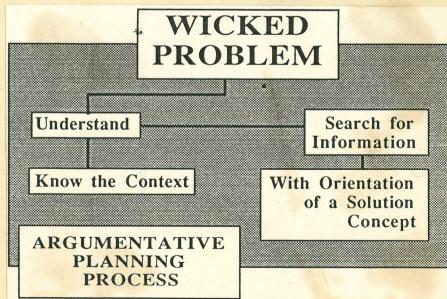
If we recognise Deficient Mental Health Services as part of the **Problem...** perhaps Improvement of the Mental Health Services is the **Solution**.

Above goes to say Problem if not defined Means Solution Unfound.

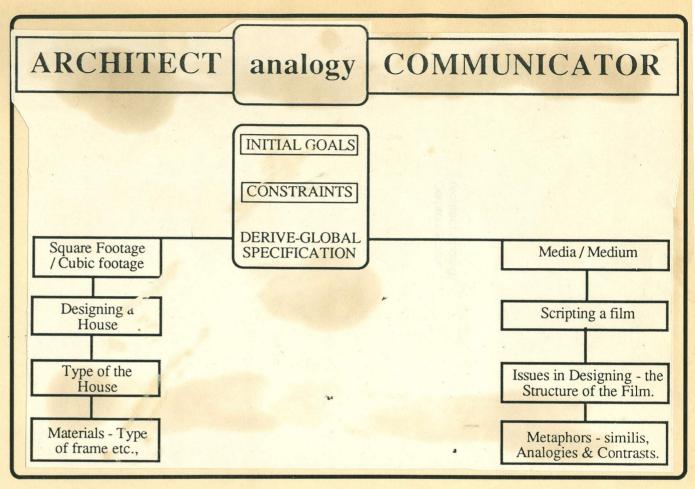
Designer / Communicator traverses thru the cliche wherein he may have to solve the problem thru both System & Argumentative planning process, and solution thus found should be executed separately.

PROCESS OF UNDERSTANDING

PROCESS OF SOLVING



NALO



Other Analogies...

House > General Floor Plan + Structure, Structure > Support, Roofing, Sheathing & Utilities, Utilities > Plumbing, Heating system, Electrical system, etc.,

Film > Idea + Structure

Structure > Levels of Information Information > Theotitical, Practical & General

Sentence > Transformed to Subject & Predicat. Subject > Article + Noun phrase.

Before proceeding into the next chapter which is on EVALUATION

& ASSESSMENT proper... we can derive the above to the same as:

EVALUATION > Exposition +
Development + Conclusion,
EXPOSITION > T hematic Material
+ Counter Material,
Thematic Material > Motive +
Development of Motive.

Evaluation: Seris of activities designed to measure the EFFECTIVENESS of the system as whole.

Assesment: Seris of activities designed to measure user ACHIEVEMENT which is a result of an Educational / Communication programme.

EVALUATION TYPES...

The two types of the evaluation process are FORMATIVE & SUMMATIVE... First is performed as a process of development in a system...

The other is for a fully developed system where in the results are added.

Effectiveness Learner Achievement Designer / Communicator / Planner Access / User

OF Instructional / Educational System

EVALUATION...

- * Includes Quantitative and Qualitative judgement... wherein Argumentative approach supports the first as Systems approach is for the other...
- * Is to find Deficiences in solutions before Design is put to use...
- * It can also be seen as, an

attempt to Judge, through the use of some Criterion, in order to get Satisfactory answer / Feasible solution...

In the next page we shall know more about the Path of Evaluation and Assessment in the context of learning...along with which we shall deal with 'ANALYSIS'...

EVALUATION IS.....

Valuable & Esssential method of the process by which the ongoing development and effectiveness of an Instructional / System is enhanced.

EVALUATOR...

Evaluator has a wide range of techniques at his disposal, and also has several relevant sources of feedback which may assist in compiling a 'Total Picture' of the system and its effects (both Good and bad).

APPROACH....

No single approach is the best in all circumstances, and as in the case of assessment, it is again probably most profitable to use many of techniques to ensure that the evaluation process is as valid and useful as possible.

Evaluation Tecniques:

- * Assessment from results.
- * Questionaires and Interviews
- * Observations of the Instructional / Educational system in progress.
- *Feed back from teaching staff who are directly involved with.
- * Feedback from people having an indirect link with Educational or Instructional system.
- * Feedback of / from existing system.

Did you notice AVANT GARDE is back in action...

Below is the Idea behind the process of Evaluation and Assessment... and it is to be understood that both go hand in hand... and unless applied online it just remains as a processes....To the right is a brief on Analysis....

Analyse
Elements /
Relation
Between

JUSTIFY

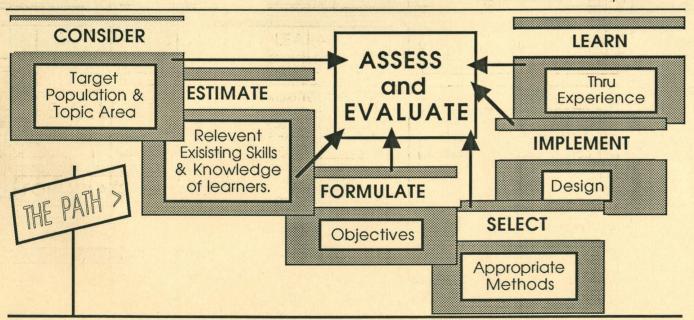
Bloom B. S...of UCLA, California, USA - pioneer in the field of Psychology & Education Technology has given the arena of Evaluation and Assessment in form of a Taxonomy ...

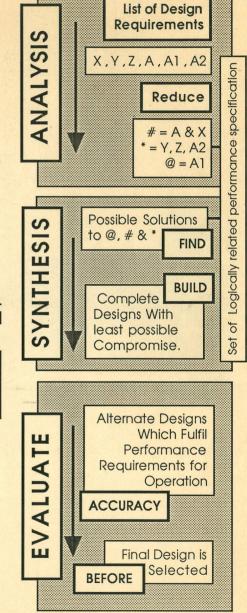
He states * Knowledge,

* Comprehension, * Application,

* Synthesis & * Evaluation.... are the Cognitive Objectives for Assessment, wherein Evaluation is the Highest level and Knowledge on the Lowest Scale. Here he also gives importance to Synthesis which is next to Evaluation on the Scale...

Above exactly is how some of the Evaluators till today follow.





ANALYSIS

- * Random List of Factors

 * Classification of Factors
- * Sources of Information
 * Interaction between
 Factors
 * Performance
 Specification Obtaining
 Agreement

SYNTHESIS

- * Creative Thinking
 * Partial Solutions
 * Limits. *
- * Combined Solutions
 * Solution Plotting.

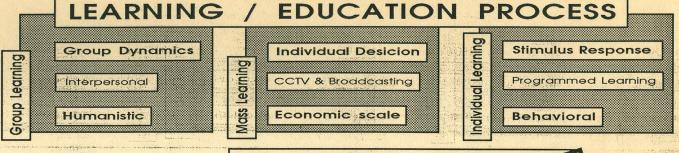
EVALUATION

- * Methods of Evaluation
- * Evaluation for Operation

STAGES OF SYSTEMATIC DESIGN PROCESS

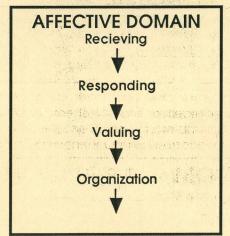
ON TO LEARNING

BOK 校理 W

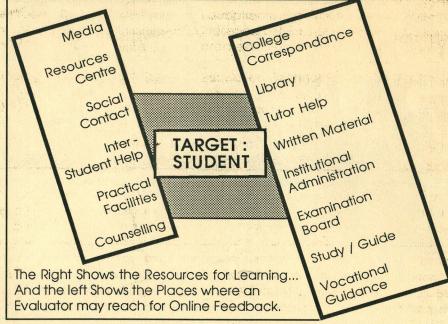


Education is The Process by which Presence of Mind could be created.

Education Technology is....*
Application of Systematic way
to... * Improve Upon... which helps
the Process of Learning in the
steamlined fashion, or Enhances
the scope of education



Affective Domain of Learning is a Structured Classification of Learning Objectives, containing all those connected with attitudes, feelings and values...



Learning has been dealt.. as its an entwined topic related to evaluation.. so is education and education technology... perhaps from here we may... Have to loop to the questionaires...after the brief of TV and Video is dealt. All the above helps the executor to come out with the Model for Evaluation

MOVE ON TO MASS INSTRUCTIONAL METHODS...

VIDEO FILM PRESENTATIONS

- * Effective Lecture Enhancement.

 * Effective to Communicate Content with High
 - *Impression of 'Life outside the classroom 'is brought through.
 - * Stimulates the Discussion and the Debate.
- * Usually thought as an easy Option to keep the class Engaged.
- * Is dealt as Media of Convenience.
- * Infrastructure.

ADVANTAGES

DISADVANTAGES

Advantage: Material is made available free of charge.

Disadvantage: Fixed Timings!

EDUCATIONAL ROADCASTIN

(1)

As we have ploughed thru all the related fields of Evaluation... and as the project is in the context of Films... below is the brief idea of what a Video film is ... its advantages & disadvantages ... the idea behind Interactive Video... and the Educational Broadcasting..

Looping the previous page on learning we can say that an Educational film is a media which helps Visuals and sound to fabricate a process called communication which helps the target / person to act - react or be nul... ultimately influencing the learner to get the information right.

INTERACTIVE VIDEO

Visual & Sound Characters Marriage of



ON TO QUESTIONNAIRE

Question Chain:

To access the information from the end user..., perhaps a seris of Question may have to be put with a great ammount of tactfulness... one of them follows...

This questionnaire was based on an Opinion that 'Electronic controls under any circumstances may not be considered by the customer'.. to find out why, should be the main intention of the questionnaire...

Q> Why will they not consider them?

A> Because they are not reliable,

In what way are they unreliable?

A> They are always going out of order....

Q> But do not the existing kinds of controls go out of order?

A> Yes, but you have time to do something about it before the thing packs up completely...

Q> Electronic controls give no warning of failure then?

A> Yes ... i suppose that is it ... an electronic control that gave a warning of failure would be acceptable...

ON TO CONCLUSIONS

This questionnaire was drafted before launching of an electronic control... but it has been refered to, because of its depth in questionning...i.e., question for answer sake not for the sake of letting the space free...

Further are the questionnaire with the reference to the Education Films.

		Your evaluation			
Questions: answer only the questions that apply to a given case	Yes	Partly	No	Cannot sa;	
General aspects 1. Do all the materials specified in the lesson plan actually exist, and are they available for inspection?					
Have the materials passed the technical validation stage, and are they considered suitable in content?					
Bearing in mind the strategies and tactics specified in the plan, is the type of material appropriate?					
4. Does the material appear to be adequate to achieve the objectives set for it in the lesson plan?					
5. Are the materials really necessary? Do they contribute to the lesson in a manner that justifies the time/cost?					
6 Are the media employed appropriate for the objectives to be achieved and the content?					
Questions for written text 7. Are the style and language used appropriate for the target students?					
8. Does the material really say what it sets out to say? Are the sentences logically structured, well-organized, etc?		And the second			
9. Are sufficiently well-chosen examples included to define all new concepts clearly and adequately?			*		
10. Are there sufficient well-designed illustrations and graphics to support or summarize the text adequately?					
11. is good use made of spacing, blocks, underlining, colour, typography and other aids to communication?				Anna de Maria	
12. Are worked examples, self-tests, practice					

CEST

To access the information from the end user..., perhaps a seris of Question may have to be put with a great ammount of tactfulness...

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11. is good use made of spacing, blocks, underlining, colour, typography and other aids to communication?					
12. Are worked examples, self-tests, practice exercises, introductions, summaries, glossaries, references and indexes used adequately and to good effect?					
Questions for audio recordings 13. Do the scripts obey the criteria of style, language and structure defined above for the target population?					- 20
for the target population?					

UEST

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1	Charles of the Additional Control of the Control of	Your evaluation			
	Questions: answer only the questions				Cannot
	that apply to a given case				say
Personal Section Control of	General aspects 1. Do all the materials specified in the lesson plan actually exist, and are they available for inspection?	1 .			
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	Questions for audio recordings 13. Do the scripts obey the criteria of style, language and structure defined above for the target population?				

- * Approach for Evaluating any specific idea is usually classified into two parts... Argumentative & Systems approach.
- * Argumentative approach gives us the solution of the type ' Good or Bad' where as the other gives the solutoion as 'True or False'.
- * Evaluation is of two types ... Formative & Summative.... which has to be dealt separately

Context 'Educational Films'

- * Evaluating educational films falls in to a cliche unless one or more versions of the same information to be delivered is formed.
- *It means to say that, perhaps there must be atleast 3 different edited version, shown to different kinds of target with in the context.
- * Target probably would be the actual End user Learner, Intermediate Teachers and the Field Experts.
- * Results of Evaluation should be fed back into the process of communication... otherwise it would prove costlier than actual process of Evaluation.
- * Evaluation & Application must be complete before its shown to the Actual End User and it must be Revaluated if needed.

Target

Target for evaluation should be chosen in the following ways...

- * Informal Target... where they know what the process is for.
- * Formal Target... Where the group is the actual End User.
- * Surprise Target... where we are not supposed to reveal why the View Programme is arranged... one Clause over here is... to arrange Marshals who are given a set of instruction to collect opinion about the Film and later deliver it to the Evaluator.

ON TO APPROACH

Approaches...

- * Two or more Edited Version of the film is shown to the field experts...
- * Questionnaire designed on the basis of Argumentative & Systems approach of Evaluation...
- * Evaluation of the same film under three different target group which has been briefed in CONCLUSIONS & OPNION...

Model....

EVALUATION

The Films Evaluation Process were of IDC, and will be evaluated at IDC - Video Studio, and attached after the presentation... along with the Model Approach.

Films Considered for Evaluation shall have intrepretation in the script with an abstract message...

Two films are... 'The Scarerow'... by the Executor of this project... its on Drug awareness... the Other is a film on 'Child Education'.... by Raja Mohanthy of VC 88

The evaluation of the above films have been done by the prior permission of the respective Students...

Results....

THE LAST THANX

On this last page is the word of gratitude for the senior of mine of the senior of mine of the senior of mine of the senior of the senior of the senior of the who is one amongst the few the senior of the senior of the sightest deeper thought than the had till today... a person of the sightest deeper though at the slightest rest... who at the slightest rest... who at the slightest initiation gave me the initiation of the senior of the s

THIS PASE DOES NOT FOLLOW AWY GRID SHRID.

Reed very late from student on 13/01/99 VCM8R-642 VC/89-91 Batch

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