

Open Source and Education

What ?

How ?

Will ?

Should ?

President's speak

"In India, open source code software will have to come and stay in a big way for the benefit of our billion people."

--- Dr.A.P.J. Abdul Kalam, Former President of India, May 28, 2003
(President ADDRESS AT THE JUDICIAL COLLOQUIUM ON SCIENCE, LAW AND ETHICS AT
NATIONAL JUDICIAL ACADEMY, BHOPAL
19-02-2005 : (Through Video Conference) From New Delhi)

Why Open Source in education ?

1. Budget --

Why Open Source in education ?

2. Quality ++

Why Open Source in education ?

3. Sustainability ++

Why Open Source in education ?

4. Reach ++

Why Open Source in education ?

5. Population --

How ?

Stories ?

Replace Microsoft

Solution : NCERT's School Operating
System

Total cost covering whole india estimates
just < 20 Crore INR :)

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ICT

Delhi University Education : Use Moodle

(<http://vle.south.du.ac.in/>)

IGNOW uses dspace for their 100% courses

(<http://www.egyankosh.ac.in/handle/123456789/2>)

ICT Even Bigger....

UIDAI

(http://uidai.gov.in/images/FrontPageUpdates/EOI_KM_Portal_v3.1.pdf)

Spoken Tutorial (MHRD) >100 Crore INR

(<http://spoken-tutorial.org/>)

Others

Countless..

See IIT-* or IIIT-* everywhere OSS

Problem and Solution Approach

Countless.. << <http://fossee.in/> >>
Science

Problem and Solution Approach

Countless.. << Moodle / Sakai bleh bleh bleh >>

Distant Education

Problem and Solution Approach

Countless.. <<<http://www.fedena.com/>>>

School ERP

Problem and Solution Approach

Countless.. << Python / Ruby / Perl bleh bleh bleh >>
Programming*

*CBSE 11/12 IP Curriculum knows better

Problem and Solution Approach

Countless.. << <http://www.oss4lib.org/> >>
Library