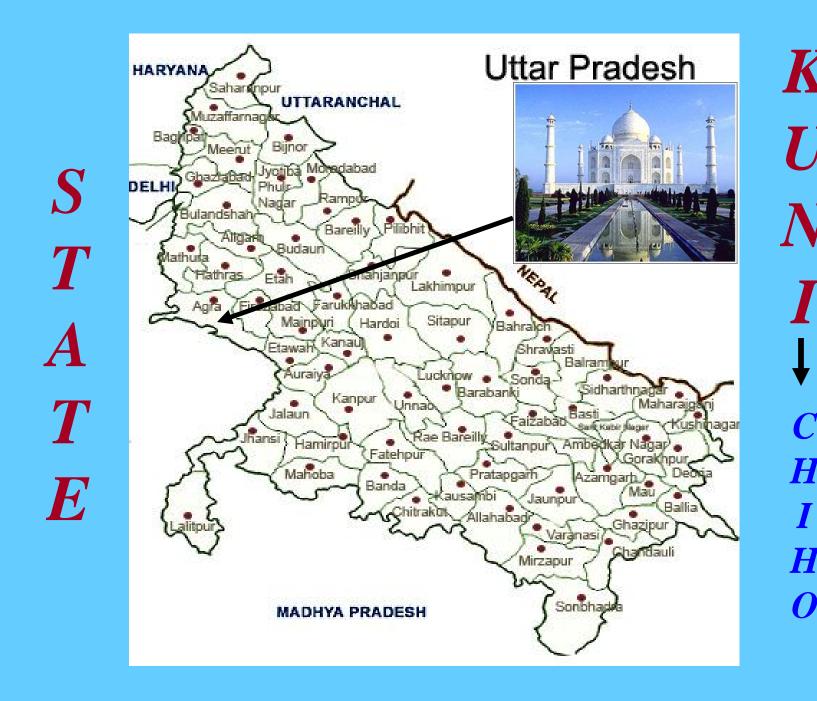
### State of Education in INDIA

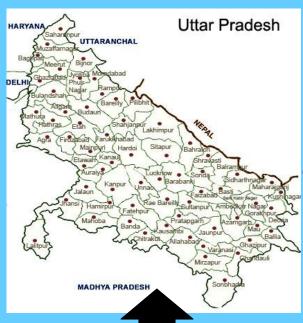
by **Hitendra K. MALIK** 



Indian Institute of Technology Delhi – 110 016 INDIA







1.5 times

Japan Sea

Acmori

Akris hvate

Japan Sea

Miyagi

Nigata

Fukushima

Toyama Salatana

Salatana

Salatana

Salatana

Hirosalmo Okayanta

Okayanta

Okayanta

Japan Sea

Hirosalmo Okayanta

Japan Sea

Japan Sea

Japan Sea

Japan Sea

Nagasaki

Kumamoto

Miyagaki

Kagashima

Fast China Sea

Okinawa

Okinawa

Population: <u>166</u> Million

Area: 2,38,566 sq. km

Density: 696/km<sup>2</sup>

**Districts: 70** 

Population: 127 Million

Area: 3,77,873 sq. km

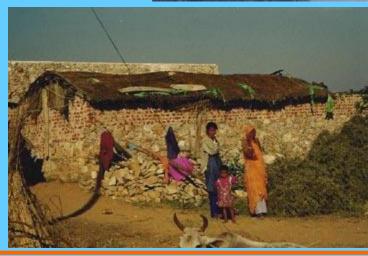
Density: 337/km<sup>2</sup>

**Prefecture: 47** 

#### Division of Population (Jinko)

#### 70% in Villages (MURA)







#### Division of Population (Jinko)...

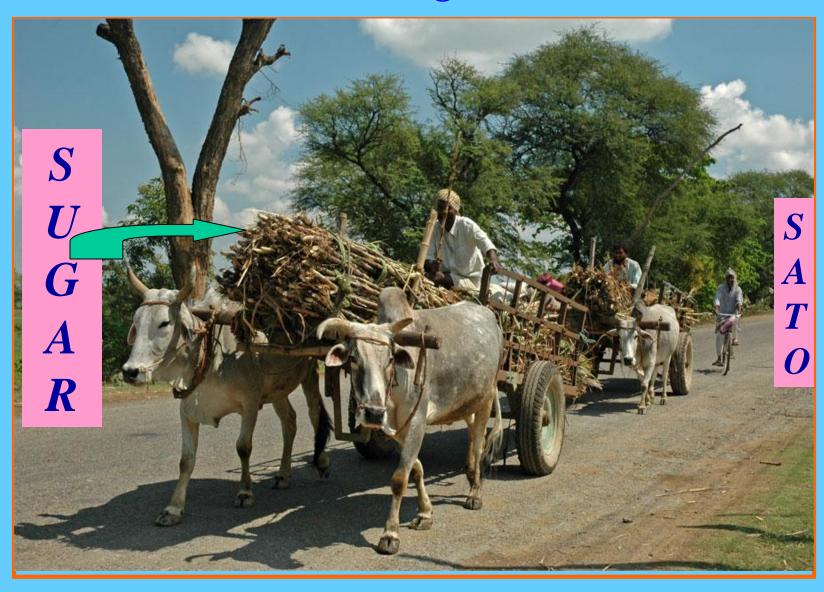
#### 30% in Towns (Machi/Sho-Toshi) and Cities (Toshi)



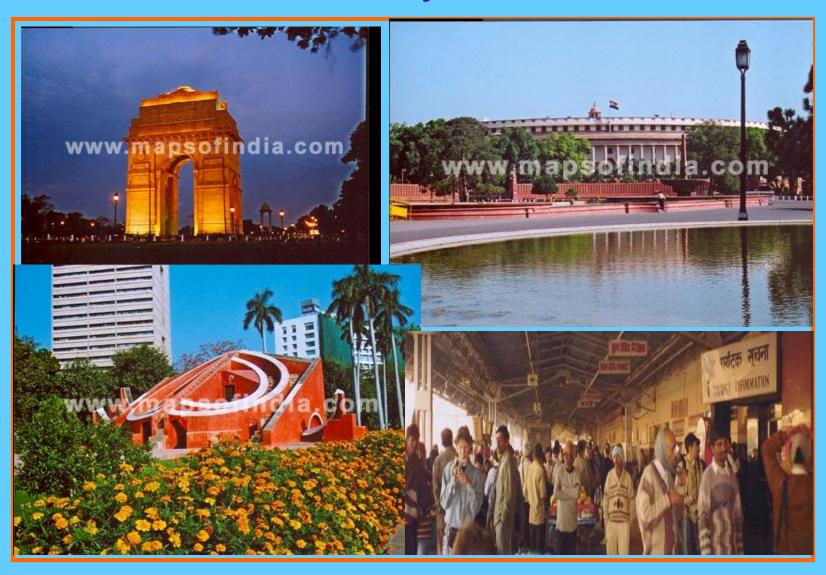




### Village



### City



#### Primary Education at Villages

## Grade 1 to 5 200 Students=→ 2 Teachers can handle!





#### Primary Education...

## Villages Grade 1 to 5

Grade 1 Age: 5.5 Yrs
Grade 2 Age: 6.5 Yrs
Grade 3 Age: 7.5 Yrs
Grade 4 Age: 8.5 Yrs
Grade 5 Age: 9.5 Yrs

#### Language

Hindi

Subject English starts at Grade 6!

Funny or Good?

## Cities Up to Grade 5

#### Nursery School

Nursery Age: 3.5 Yrs Preparatory Age: 4.5 Yrs

#### **PrimarySchool**

Grade 1 Age: 5.5 Yrs
Grade 2 Age: 6.5 Yrs
Grade 3 Age: 7.5 Yrs
Grade 4 Age: 8.5 Yrs
Grade 5 Age: 9.5 Yrs

#### Language

**English** 

#### Primary Education...

## Villages Free (Small)

Extra-curricular Activities
Almost NILL

Home Work

Very Less

(Most of the work done at school)

Strong base in

Mathematics & Mother

Language (Hindi)

Weak at English?

### Cities Expensive

#### Extra-curricular Activities

Items with Blocks
Drawing
Public interacting Camps
Stories

• <u>Home Work</u> Heavy

Good at <u>English</u> & General Awareness (<u>interaction</u>)

Weak at Mathematics?

#### Junior High School Education

Villages
Grade 6 to 8

**ENGLISH Subject** 

No Aim

**Subjective Knowledge** 

**Home Work**Only Cramming

(Tsume-komi-benkyo-o-suru)

Question Papers (Exams)
OUTSIDE (Grade 8)

Each village does not have SCHOOL...

*Walk 2 ~ 3 km* 

Cities
Not such name
Higher Secondary
(High School)

Active and Smart Students

- Learn lot of things from TVTelephone Talks
  - •Home Work

Heavy

They learn How to tell a Lie...

Use Cycle/Scooter/Motorbike

#### High School Education

## Villages Grade 9 to 10

**Choice of Subjects** 

•<u>Science</u>

•<u>Art</u>

#### **Exams from Outside**

(Go at different centre for exams)

Different Experience staying outside...

Parents visit them!

#### Cities

Higher Secondary (High School)

No Choice of Subjects

•All subjects

**Exams from Outside** 

(Different centre)
NOT NECESSARY

They feel as if giving normal exams...

Parents do not bother much!

#### Grade 10 to 12 Education

# Villages Intermediate School

Same subjects continue...

Goals

Polytechnic

(Junior Engineering)

- Police
- Security

(Boarder/Centre)

They are confused...what to do!

# Cities Senior Secondary School

Some flexibility in subjects

Goals

- Engineering (main)
- Chartered Accountant: CA
  - Defense
  - •Medicine

They think higher!

There goals are clear!

#### University Education

# Villages Any University (Near Home)

If any senior became OFFICER...

Try to study at the same University!

Think to become Teacher Near Home!

Few appear in
Competitive Exams and
Qualify well!

*==> OFFICER...* 

# Cities Good University (Anywhere)

They love doing politics

<u>Some try to study Abroad</u>

<u>at the cost of parents money!</u>

Some become Lawyer (Advocate)
Some help parents in their
Business!

Few appear in Competitive Exams!

==> *OFFICER*...

#### University Education...

#### Villages

Near Home: WHY?

They want to help their Parents while in job... (Agriculture Land)

They have NO Exposure of Interacting People

Some have Emotional Attachment with their Home Land!

Most of them remain with their Parents!

Relatively honest than City People...

## Cities Anywhere: WHY?

Some are serious about their Career

Some want to enjoy Different
Environment & Different People!

No Emotional Attachment → They feel as if It was Duty of Parents!

Only Few remain with their Parents!

Smart, Talk nicely, Make fool of others, Think for Village people as They are Mad...

#### Main Brain of India

#### Villages

#### Cities

Their Aims are SIMILAR
Engineering from...
Indian Institute of Technology (IIT)!

- •35% from Villages + 65% from Cities
  - •Both do equally GOOD
    - •100% Job security
  - •Few go Abroad for Higher Studies
    - •Few work at Private Sectors
- •Few appear in Competitive Examination: CIVIL Service

# Indian Institute of Technology (IIT)

- Originally <u>5</u> Campuses
  - 1) Delhi

2) Kanpur

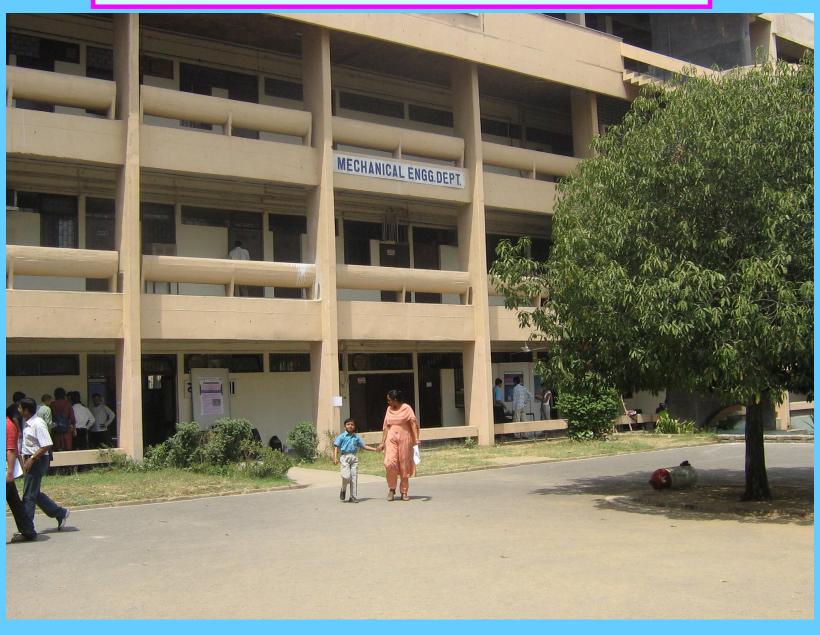
3) Mumbai

4) Chennai

- 5) Kharagpur
- Now 2 Added
  - 1) Guwahati

3) Roorkee

### http://www.iitd.ac.in/deptt/me/



Thank, you!