

# " HIGHER EDUCATION AT CROSSROADS "

Indian Institute of Public Administration



" I WANT TO ADD ONE MORE  
WHICH IS BEST FOR EVERYONE "

**BASED ON APPLIED SOCIAL SCIENCES**

**PRESENT HIGHER EDUCATION IS AT CROSSROADS** which are important and typical Points; where traffic meet from four or more directions; from left, right, & straight, up & down; i.e. 12 in Nos. + same number at + (Plus) 5/6 Mt. level; and same for parking at – (Minus) 5/6Mt. Level i.e. 36 or more directions. **It is too much confusing.**

# 1. EDUCATION IS AN OUTCOME OF 13 ESSENTIAL ITEMS

1.1 Social knowledge of today and tomorrow not only of our country but of **Global Level.**

**1.2 Specific requirements** of the Country / States / Regions / Settlements.

1.3 Development of **Backward districts.**

**1.4 Infrastructure** – (i) Physical, (ii) Social, (iii) Economic, (iv) Ecological, (v) Emergency, (vi) Circulation, (vii) Street Furniture & (viii) Urban Aesthetic

1.5 Elements of Academics at Country/States/Regions/Settlements levels.

1.6 All types of Spatial Planning with Smartness and Sustainability These one:

<b>Planning</b>	-	<b>Re-planning</b>
<b>Development</b>	-	<b>Re-development</b>
<b>Construction</b>	-	<b>Re-construction</b>
<b>Management</b>	-	<b>Re-management</b>
<b>Maintenance</b>	-	<b>Re-maintenance</b>

1.7 Education as a **job generator** and not only of Seeker

**1.8 Research** has to be an Essential Item of Education.

**1.9 Special & spatial requirements of Mega, Emerging Mega, Metropolitan and other Large, Medium and Small cities.**

1.10 Provision of **90 elements** in each large cities. These elements are:

- (1) HOUSING, NEW HOUSING (6 in nos.)** – (1) Housing for Urban poor through Slum & JJ approaches, (2) Houses as Independent Plots Redevelopment, (3) Group Housing (35% of total DU's mandatory not to exceed 2 rooms, (4) Employer Housing, (5) Unauthorized Regularized colonies, (6) Other Housing areas Up-gradation of Old areas Traditional / Villages;
- (2) PHYSICAL INFRASTRUCTURE (8 in nos.)** – (1) Augmentation of water, (2) Construction of new treatment plants, (3) Augmentation of sewerage T Plants, (4) Construction of new sewerage treatment plants, (5) Augmentation of power distribution system, (6) Development of sanitary landfill sites, (7) Construction /development of compost /incineration plants, (8) Municipal Solid Waste,

## **(2) SOCIAL INFRASTRUCTURE –**

**Health (6 in nos.)** - (1) Hospital A (501 beds & above beds), (2) Hospital B (201 beds & 500 beds), (3) Hospital C (101 beds & 200 beds), (4) Hospital D (Up to 100 beds), (5) Veterinary hospitals, (6) Dispensary for pet animals,

**Education (9 in nos.)** – (1) School for physically handicapped, (2) School for mentally handicapped, (3) Vocational Training Centre, (4) General College, (5) Professional College, (6) Medical college, (7) Nursing and Paramedic Institute, (8) Training cum research Institute in Veterinary Sciences, (9) University Campus Including International Education Centre (IEC),

**Communication (2 in nos.)** – (1) Head post office- administrative office, (2) Telephone exchange

**Security - Police (7 in nos.)** - (1) Police Station, (2) Police Line, (3) District Jail, (4) District office and battalion, (5) police training institute/college, (6) Police firing range, (7) Traffic and police control room,

**Safety-Fire (3 in Nos.)** – (1) Fire Station, (2) Disaster Management Centre, (3) Fire Training Institute,

**Socio-cultural facilities (5 in nos.)** – (1) Multipurpose community hall, (2) Community Recreational Club, (3) Recreational Club, (4) Socio Cultural Activities Centre, (5) Exhibition sites,

**Other community facilities (10 in nos.)** – (1) Old Age Home, (2) Working women hostels, (3) Night Shelters, (4) Care Centre for mentally and physically challenged, (5) Adult Educational Centres, (6) Orphanage, (7) Science Centre, (8) Religious Premises, At sub city level in urban extension – (9) Cremation grounds, (10) Cemetery/burial grounds,

**(4) TRADE & COMMERCE (11 in nos.)** – Metropolitan City Centre – (1) Preparation of integrated schemes & specific projects, District Centre/Sub CBD - (2) Up gradation of existing areas, (3) Under implementation, (4) New locations in urban extension, Community Centre – (5) Up-gradation of existing areas, (6) Under implementation in DUA-81, (7) New locations in urban extension/projects, Industries – (8) Redeveloped /Up-gradation, (9) New locations in urban extension, Government Offices / District Court – (10) Redeveloped /Up-gradation, (11) New locations in urban extension

- (5) ENVIRONMENT (9 in nos.)** – New landscape / Recreational area (1) City Park, (2) District Park, (3) Community Park, (4) City Multipurpose ground, (5) District Multipurpose ground, (6) Community Multipurpose ground, (7) Divisional Sports Centres, (8) District Sports Centres, (9) community Sports Centre,
- (6) TRANSPORT (8 in nos.)** – (1) Fully/Partially segregated cycle tracks, (2) MRTS, (3) Construction of grade separators, (4) Development of urban relief roads, (5) Construction of interstate bus terminals, (6) Construction of Metropolitan Passenger Terminals, (7) Integrated Freight Complexes, (8) Petrol pumps & CNG stations,
- (7) RE-STRUCTURING ALONG MRTS NETWORK (2 in nos.)** – (1) Up-gradation of existing areas, (2) New locations in urban extension,
- (8) INDUSTRIES (2 in nos.)** – (1) Redeveloped / Up-gradation, (2) New locations in urban extension,
- (9) GOVERNMENT OFFICES DISTRICT COURT ( 2 in nos.)** – (1) Redeveloped / Up gradation, (2) New locations in urban extension.

## 1.11 Planning of 60,000 Growth Centres

Each growth centre will serve an area between 60 to 70 sq. km. and population between 80,000 to one lakh. These centres, being of upper order, would, naturally perform higher order functions and activities, mainly of non-agricultural nature. It will have all centralised amenities and facilities in the field of education, medical, health, security, justice, wholesale and retail shopping, civic cultural and recreational including organized industrial estates and the shelter.

**Type of industries** - Small machine shop, workshop for welding, electroplating, small – scale hosiery goods, cotton spinning and weaving, trunk and suitcase making, tailoring and ready - made garments, earthen pottery, footwear, dari and carpets, wire products, paper envelops, cardboards, button, combs, hair clips, dairy and its products especially ICT Instruments.

## 1.12 Planning of 150,000 Growth Points

Each Growth Point to serve an area of 20 to 25 Sq. km with 15,000 to 25,000 population, Each would have facilities of - (i) Shopping on a medium scale; (ii) Posts & telegraph office; (iii) Primary, middle and senior secondary school; (iv) Library / club / adult education centre; (v) Seed / Grain / fertiliser storage; (vi) Cooperative societies management office; (vii) Police Post; (viii) Veterinary Centre; (ix) A small service centre; (x) Primary health centre/dispensary; (xi) Playground, gathering places and religious places; (xii) drinking water, electricity and sewerage facilities and (xiii) Community hall. No industry other than household would be permitted.

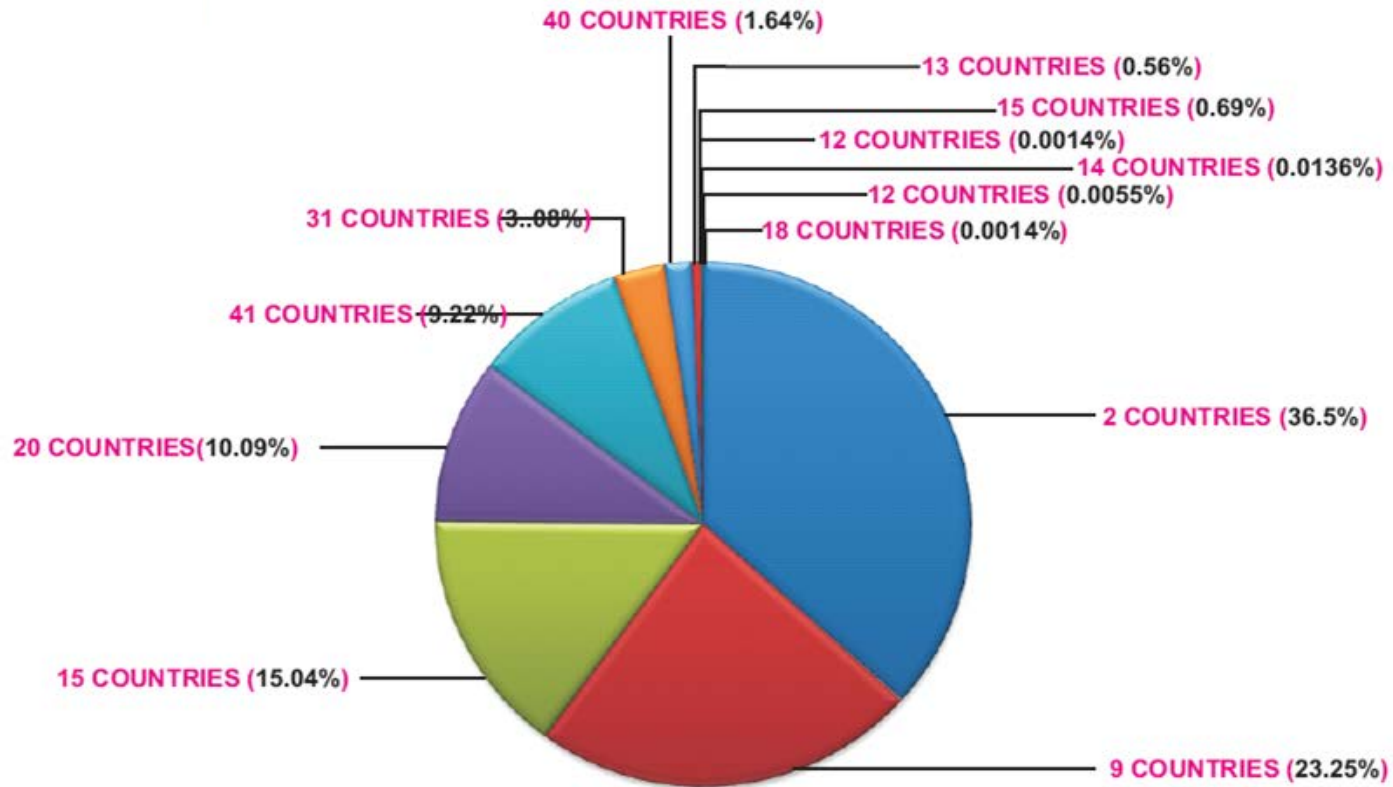
## 1.13 Planning of 390,000 Basic Villages

Each village would have only the existing abadi area with 8 to 10 shops, community hall/ chopal, primary school, sub-post office, panchayat ghar, adult reading room, small gathering place, park, playground and open space, community water hydrants, latrines and electricity. No industry other than household would be allowed in these villages.

**TOTAL 600,000 Villages in the Country**

## 2. HIGHER EDUCATION WITH VARIOUS DIMENSIONS AT GLOBAL LEVEL

234 COUNTRIES VARYING IN AREAS, POPULATION AND QUANTUM OF NATURAL RESOURCES



1. 2 countries have population more than 1000 M or 36.5% of the total world.
2. 9 countries have a total population of 1655 M or 23.25 % of the total world.
3. 15 countries have a total population of 1069 M or 15.04% of the total world.
4. 20 countries have a total population of 721 M or 10.09% of the total world.
5. 41 countries have a total population of 655 M or 9.22% of the total world.
6. 31 countries have a total population of 220 M or 3.08% of the total world.
7. 40 countries have a total population of 117 M or 1.64% of the total world.
8. 13 countries have a total population of 40 M or 0.56% of the total world.
9. 15 countries have a total population of 5 M or 0.069% of the total world.
10. 12 countries have a total population of .099 M or 0.0014% of the world.
11. 14 countries have a total population of 0.97 M or 0.0136% of the world.
12. 12 countries have a total population of 0.39 M or 0.0055% of the world.
13. 18 countries have a total population of 0.10 M or 0.0014% of the world.

### 3. EDUCATIONAL INSTITUTIONS HAVE TO BE IN

(1) Public Sector, (2) Corporate Sector, (3) Private Sector, (4) Research Sector; for which I am working.

### 4. LESS GAPS IN MEGA, EMERGING MEGA & METROPOLITAN CITIES

- 1. 5 Mega Cities** – (1) Greater Mumbai, (2) Delhi, (3) Kolkata, (4) Bangalore, (5) Hyderabad
- 2. 5 Emerging Mega Cities** – (1) Chennai, (2) Ahmadabad, (3) Pune, (4) Surat, (5) Jaipur

- 3. 54 Metropolitan Cities** – (1) Kanpur, (2) Lucknow, (3) Nagpur, (4) Patna, (5) Indore, (6) Bhopal, (7) Vadodara, (8) Coimbatore, (9) Agra, (10) Ludhiana, (11) Nasik, (12) Faridabad, (13) Visakhapatnam, (14) Jammu, (15) Kochi, (16) Meerut, (17) Asansol, (18) Srinagar, (19) Rajkot, (20) Jamshedpur, (21) Amritsar, (22) Varanasi, (23) Jabalpur, (24) Dhanbad, (25) Tiruchirappalli, (26) Aurangabad, (27) Madurai, (28) Allahabad, (29) Chandigarh, (30) Solapur, (31) Vijayawada, (32) Durg-Bhilai Nagar, (33) Ranchi, (34) Guwahati, (35) Jodhpur, (36) Raipur, (37) Gwalior, (38) Bhubaneswar, (39) Kozhikode, (40) Salem, (41) Jalandhar, (42) Thiruvananthapuram, (43) Bhiwandi, (44) Tiruppur, (45) Mysore, (46) Hubli-Dharwad, (47) Kota, (48) Bareilly, (49) Jamnagar, (50) Ghaziabad, (51) Dehradun, (52) Noida, (53) Greater Noida, (54) Gurgaon.
- 4. 17 States and their capitals** - (1) Arunachal Pradesh (Itanagar), (2) Assam (Dispur), (3) Chhattisgarh (Raipur), (4) Goa (Panaji), (5) Gujarat (Gandhinagar), (6) Haryana (Chandigarh), (7) Himachal Pradesh (Shimla), (8) Jammu & Kashmir [Srinagar (Summer) & Jammu (Winter)], (9) Jharkhand (Ranchi), (10) Manipur (Imphal), (11) Meghalaya (Shillong), (12) Mizoram (Aizwal), (13) Nagaland (Kohima), (14) Punjab (Chandigarh), (15) Sikkim (Gangtok), (16) Telangana (Hyderabad), (17) Tripura (Agartala)
- 5. Union Territories with their capitals**  
 (1) Andman and Nicobar Island (Port Blair), (2) Chandigarh (Chandigarh), (3) Dadar and Nagar Haveli (Silvassa), (4) Daman and Diu (Daman), (5) Lakshadweep (Kavaratti), (6) Puducherry (Puducherry)

**TOTAL = 5+5+54+17+6 = 87**

## 5. FEW PERSONS BORN FOR THE QUALITY OF EDUCATION IN WORLD

### 1. Bhagavad Gita

The body will die, but he who dwells within the body (the Self) is said to be deathless and immeasurable i.e. Therefore, O Bharata, fight this battle.



### 2. Swami Vivekananda – Education for Character

1. **Faith, faith, faith** in ourselves, faith, faith in God – this is the secret of greatness. If you have faith in all the three hundred and thirty millions of your mythological gods, and in all the gods which foreigners have now and again introduced into your midst, and still have no faith in yourselves, there is no salvation for you.
2. **Strength is Life:** Brave, bold men, these are what we want. What we want is vigor in the blood, strength in the nerves, iron muscles and nerves of steel, not softening namby-pamby ideas. Avoid all mystery. There is no mystery in religion. Mystery mongering and superstition are always signs of weakness.

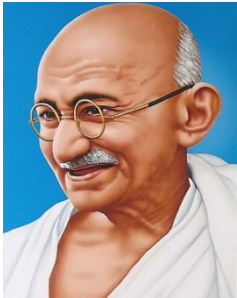


3. **Be Fearless:** Be not afraid of anything. You will do marvelous work. The moment you fear, you are nobody. It is fear that is the great cause of misery in the world. It is fear that is the greatest of all superstitions. It is fear that is the cause of our woes, and it is fearlessness that brings heaven even in a moment. Therefore, 'Arise, awake, and stop not till the goal is reached'.
4. **Strength of Character:** Neither money pays, nor name, nor fame, nor learning; it is **CHARACTER** that can cleave through adamantine walls of difficulties.
5. **Self Responsibility:** We are responsible for what we are; and whatever we wish ourselves to be, we have the power to make ourselves. If what we are now has been the result of our own past actions, it certainly follows that whatever we wish to be in future can be produced by our present actions; so we have to know how to act.
6. **Positive Thinking:** If you speak kind words to boys and encourage them, they are bound to improve in time. If you can give them positive ideas, people will grow up to be men and learn to stand on their own legs. In language and literature, in poetry and the arts, in everything we must point out not the mistakes that people are making in their thoughts and actions, but the way in which they will gradually be able to do these things better. Pointing out mistakes wounds a man's feeling.
7. **Control of the Mind:** The powers of the mind are like rays of light dissipated; when they are concentrated, they illumine. This is our only means of knowledge.

8. **Power of Concentration:** Take up one idea, make that one idea your life; think of it, dream of it, live on that idea. Let the brain, muscles, nerves, every part of your body, be full of that ideas, and just leave every other idea alone. This is the way to success and this is the way great spiritual giants are produced. Others are mere talking machines.
9. **Art of Meditation** – The greatest help to spiritual life is meditation (Dhyana). IN meditation we divest ourselves of all material conditions and feel our divine nature. We do not depend upon any external help in meditation. The touch of the soul can paint the brightest colour even in the dingiest places; it can cast a fragrance over the vilest thing; it can make the wicked divine – and all enmity all selfishness is effaced. The less the thought of the body, the better. For it is the body that drags us down. It is attachment, identification, which makes us miserable.
10. **True Worship** – The only God to worship is the human soul in the human body. Of course, all animals are temples too, but man is the highest, the Taj Mahal of temples. If I cannot worship in that, no other temple will be of any advantage.
11. **Secret of Work** – This life is short, the vanities of the world are transient, but they alone live who live for others, the rest are more dead than alive.
12. **Call to the Youth** – Arise, awake for your country needs this tremendous sacrifice. It is the young men that will do it. 'The young, the energetic, the strong, the well-built, the intellectual' – for them is the task.

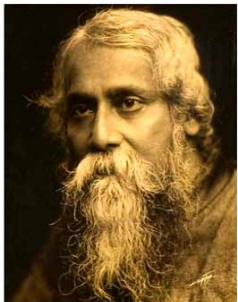
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### 3. Mahatma Gandhi



Education which cannot formulate good character has no value.

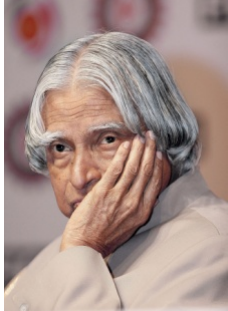
### 4. Ravindra Nath Tagore



The Highest education is that which does not merely give us information but makes our life in harmony with all existence. Don't limit a child to your own learning, for he was born in another time. I have become my own version of an optimist. I'll go through another door – or I'll make a door. Something terrific will come no matter how dark the present.

If you shut the door to all errors, truth will be shut out.

## 5. DR. A.P.J. ABDUL KALAM



"If a country is to be **corruption free and become a nation of beautiful minds**, I strongly feel there are three key societal members who can make a difference. They are the father, the mother and the teacher."

**Thinking is progress.** Non-thinking is stagnation of the individual, organization and the country. Thinking leads to action. Knowledge without action is useless and irrelevant. Knowledge with action, converts adversity into prosperity.

**Educationists** should build the capacities of the Spirit of inquiry, creativity, entrepreneurial and moral leadership among students and become their Role model.

## 6. SIR C.V. RAMAN



We need a spirit of victory, a spirit that will carry us to our rightful place under the sun, a spirit which will recognize that we, as inheritors of a proud civilization, are entitled to a rightful place on this planet. If that indomitable spirit were to arise, nothing can hold us from achieving our rightful destiny.

I think you education is imperfect, if you do not realize; my young friends, that life is not merely a question of getting food, clothes and shelter. Man does not live by bread alone. This has been realized from ancient times. I think that the finest things in life are not these, but music, colour, flowers, beauty, aesthetic sense, the satisfaction derived from these. It is these finer things in life that makes life worth living.

## 6. J. KRISHNAMURTI



In our search for knowledge, in our acquisitive desires, we are losing love, I we are he feeling for beauty, the sensitivity to cruelty; we are becoming more and more specialized and less and less integrated. Wisdom cannot be replaced by knowledge, and no amount of explanation, no accumulation of facts will free man from suffering. Knowledge is necessary, science has its place; but if the mind and heart are suffocated by knowledge, and if the cause of suffering is explained away, life becomes vain and meaningless. And is this not what is happening to most of us? Our education is making us more and more shallow; it is not helping us to uncover the deeper layers of our being, and our lives are increasingly disharmonious and empty.

Information, the knowledge of facts, though ever increasing, is by its very nature limited. Wisdom is infinite, it includes knowledge and the way of action; but we take hold of a branch and think it is the whole tree. Through the knowledge of the part, we can never realize the joy of the whole. Intellect can never lead to the whole, for it is only a segment, a part.

# BEST EDUCATION FOR SPATIAL DEVELOPMENT TO MAKE SETTLEMENTS SMART AND SUSTAINABLE

**I ALWAYS FOLD MY HANDS IN FRONT OF “OM” – THE GOD:  
WHO HAS GIVEN ME BIRTH WITH GOOD SANSKAR;  
WITH UNLIMITED KNOWLEDGE; DEDICATION; MEDITATION;  
SINCERITY; THROUGHOUT THE LIFE NOT ONLY FOR ME BUT TO  
WORK FOR OTHERS TO MAKE THEM HAPPY IN LIVING, WORKING,  
ENJOYING AND SECURITY (From Earthquakes, Flood etc.)**



# DEVELOPMENT OF SPATIAL INFRASTRUCTURE;

❖ PHYSICAL

❖ CIRCULATION

❖ SOCIAL

❖ ECOLOGICAL

❖ ECONOMIC &

❖ CHARACTER

LET GOD BLESS TO EVERYONE



FOR SUSTAINABLE & SMART DEVELOPMENT.



# 1. INSTRUMENTS TO DEAL WITH (13 IN NUMBERS)

1. PUBLIC PRIVATE PARTNERSHIP:
2. TRANSPARENCY:
3. T.D.R.(TRANSFER OF DEVELOPMENT RIGHTS)
4. PLANNING / RE-PLANNING;
5. DEVELOPMENT/ RE-DEVELOPMENT;
6. CONSTRUCTION / RE-CONSTRUCTION;
7. MANAGEMENT / RE-MANAGEMENT;
8. MAINTENANCE / RE-MAINTENANCE;
9. FULL CARE OF THE DEVELOPMENTS ACTS.
10. RELATIONSHIP AT GLOBAL; NATIONAL; STATE; REGIONAL & LOCAL LEVELS.
11. DETAILS AT MASTER PLANS, ZONAL PLANS & LOCAL LEVELS TO BE INTEGRATED.
12. SPATIAL MUSEUM OF PLANNING – LACKING IN MOST OF THE OFFICES.
13. E. GOVERNANCE & M. GOVERNANCE.

## 2. WHAT WE WILL GET (10 IN NUMBERS)

### 1. ENGINES OF ECONOMIC GROWTH.

1.1	For economically weaker sections of the society	50% of X
1.2.	For low income group of the society	75% of X
1.3.	For middle income group of the society	X
1.4.	For high income group of the society	2X or more
1.5.	For district parks, playground, and open spaces	10% of X
1.6.	Sites for education, health facilities	25% of X
1.7.	Sites for other social and cultural institutions	50% of X
1.8.	Sites for commercial use	20X or more
1.9.	For new industries	4X or more
1.10.	For informal sector	X

2. BUISNESS AND INDUSTRIAL CENTERS.
3. 100% OCTANE FOR THE ECONOMY.
4. ELECTRONIC CITIES.
5. PLANNED SPACES WITH FULL INFRASTRUCTURE - I) PHYSICAL; II) CIRCULATION; III) SOCIAL; IV) ECOLOGICAL); V) ECONOMIC AND VI) CHARACTER).
6. LESS CHANCES OF EARTHQUAKE.
7. LESS CHANCES OF FALLING OF BUILDINGS.
8. LESS CHANCES OF FLOODS.
9. LESS CHANCES OF ACCIDENTS.
10. MORE AND MORE DISCIPLINE IN THE LIFE SO THAT MEN ARE HAPPY, HEALTHY, WEALTHY AND SAFE.

### 3. ALL THESE PROJECTS ARE TO MAKE MEN HAPPY IN TERMS OF:

1. **Living** (Residential Accommodation of suitable types to each family).
2. **Working** (Industrial, Commercial, Office spaces & Transportation).
3. **Enjoying** (Recreation, Commercial & Transportation).
4. **Security** (Police).
5. **Safety** (Fire).
6. **Physical Infrastructure:** (Water; Sewerage, Drainage; Power; Gas; Solid Waste Management and Telecommunication).
7. **Circulation** (Roads, Railways, Metro, Trams, Waterways, Airways, parking in all the places).
8. **Social** (Education and Health).

9. **Economic** (Industry; Trade & Commerce & Offices).
10. **Ecological** (To stop and control water, air, noise & soil pollution).
11. **Attractive Focal Points** like Temples, Stadiums and many others etc.
12. **Good Relations** with Everyone by Character Infrastructure.
13. **Street Furniture** (Tree plantation, dustbins, bus que shelters, guide maps at important places).

## 4. POINTS OF COMPREHENSIVE PHYSICAL AND FINANCIAL PLANNING

- I. **Time** be linked with all various activities.
- II. **Public; Semi Public and Private Sector Partnership**
- III. **Directions** wise; all the 6 ones (North, South, East, West, above and below the ground)
- IV. Useful **Focal Points**;
- V. System of **Planning / Re-planning** etc.
- VI. **Permanent gainful uses** once the building is completed; then output should be time and money wise.

IF WE SEE THE **HISTORY OF DELHI OF THE LAST 150 YEARS**, NUMBERS OF STRUCTURE IN PLANNED AREAS ARE MUCH LESS THAN IN UNPLANNED / SUB-STANDARD AREAS **NAMELY** – UNAUTHORIZED AS WELL UNAUTHORIZED REGULARIZED RESIDENTIAL, INDUSTRIAL AND COMMERCIAL STRUCTURES; SLUM AREAS; URBAN VILLAGES, RURAL VILLAGES, NIGHT SHELTERS; PEOPLE LIVING ON THE FOOT PATH ETC.

**ALSO INCREASE IN F.A.R. WITHOUT TAKING CARE OF SERVICES AND PARKING.**

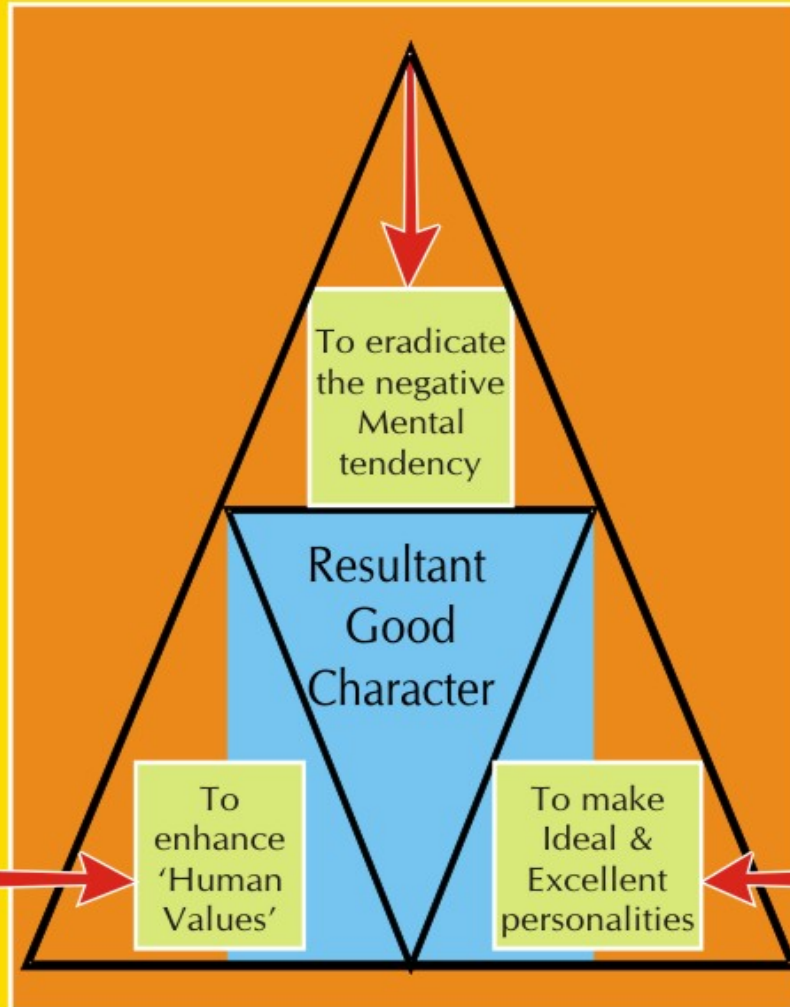
# CHARACTER INFRASTRUCTURE

## TO CONTROL

Anger • Greed • Lust • Jealousy • Fear • Deceit • Malice  
Hatred • Hypocrisy • Violence • Selfishness • Ego  
Partiality • Arrogance • Obstinacy etc.

## TO CREATE

- Love
- Truth
- Compassion
- Tolerance
- Purity
- Selfless Service
- Self Sacrifice
- Self Control
- Serenity
- Fortitude
- Forgiveness
- Contentment
- Curiosity
- Asceticism
- Generosity etc.



## TO HAVE

- Sublime
- Judicious
- Disciplined
- Cultured
- Balances
- Cheerful
- Positive thinking
- Industrious
- Duty Conscious
- Modest
- Discrete
- Responsible
- Self Confident
- Dedicated
- Resolute
- Energetic
- Dynamic
- Courageous
- Harmonious
- Hospitable
- Broad Minded

# BIO-DATA



**R.G. GUPTA** (098110-18374)

**City/Policy Planner**

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UPS Campus, Block-A, Preet Vihar, Delhi-92

## **No. 1 TECHNICAL & NON TECHNICAL QUALIFICATIONS** (9 NOS)

1. Bachelor of Science in 1956 from Meerut College (U.P.) and got **first division**.
2. **IIT ROORKEE; Bachelor of Architecture in 1961-the first batch' & got Gold Medal.**
3. **IIT KHARAGPUR, Planning of part of IIT Kharagpur worked only for three months in 1961.**
4. Post Graduate Degree in "Town & Country Planning " in-1963 from the SPA, New Delhi
5. P.G. Dip. in " Regional Development Planning" from the institute of Social Studies, Netherlands in 1969.
6. **IIT DELHI; Research for 2 years in Traffic & Transportation for Ph.D.;1991-93**
7. **Co-opted Member BLS of Delhi Legislative Assembly (Old Secretariat) - Delhi -54.**
8. Lectures on " Regularization of unauthorised colonies" to the students of Kabul (Afghanistan) and (Japan) (2013-14) in Delhi.
9. '**BHAMASHAH RATAN AWARD**' in recognition of Meritorious and Distinguished services with regard to Policy & City Planning by 'Confederation of All India Traders' on 25th June, 2014.

## **No.2 FULL TIME GOVERNMENT SERVICES ON TECHNICAL MATTERS** (3 IN NOS.)

1. In Town &Country Planning Department Chandigarh in 1963-64
2. In National Mineral Development Corporation, Faridabad for 16 Months to plan township at **Khatri and Balidela.**
3. In Delhi Development Authority from July, 1965 to August, 1994 (about 30 years) on various posts.

## **No.3 SERVICES IN OTHER OFFICES WHILE WORKING IN MAIN OFFICE OF THE DDA;** (8 IN NOS.).

1. Delhi Transport Corporation (DTC) -1978

2. **Slum Department** (Independent one) of **DDA -1980-1994.**
3. **Delhi State Industrial Development Corporation, (DSIDC) -1978-1998.**
4. **Delhi Traffic & Tourism Development Corporation (DTTDC) -1980-1984.**
5. **Delhi State Livestock Products Processing Corporation (DLPPC) -1982-1984.**
6. **Delhi Agriculture Marketing Board (DAMB) -1984-1996.**
7. **National Building Construction Corporation (NBCC) -1996-1999.**
8. **Rail India Technical & Economic Services (RITES) -1995-96.**

**No.4 ADVISOR AT SENIOR LEVELS (6 IN NOS.)**

1. **Advisor to National Capital Region Planning Board (NCR-PB) 1995-1998.**
2. **Ex. Advisor to Chief Minister, Delhi (1996-98) along with advisor to Jal Board.**
3. **Sr. Private Secretary to the Chairman of joint Committee in Lok Sabha Secretariat -Jan 2000.**
4. **Member of the FIRST PLANNING BOARD of Guru Govind Singh Indraprastha University (GGSIPU) in 1999-2002.**
5. **Advisor to Central Board of Secondary Education in 2000-03.**
6. **Director of R.G. Macro Planners Pvt. Ltd. to Work at Macro, Meso & Micro Level since 1995; i.e. 18 Years.**

**No.5 GOT PUBLISHED FOLLOWING 4 BOOKS.**

1. **Shelter for the Poor in the Fourth World Vol. I & II -published by Shipra Publications, 115-A, Vikas Marg, Delhi-92.**
2. **"Planning and Development of Towns" Published by OXFORD & IBH CO., DELHI.**
3. **"Wholesale Markets in Delhi", published by Rajendra & Ravindra, Delhi.**

**No.6 MEMBERSHIP OF MANY ORGANIZATIONS/ INSTITUTE (10 IN NOS.) AND GOT MANY 291 ARTICLES PUBLISHED IN MAGAZINES AND JOURNALS AND 134 ARTICLE PUBLISHED IN NEWSPAPERS.**

Fellow Member of (1) Institute of Town Planners India, (2) Indian Institute of Architect, (3) Association of Metropolitan Development Authorities, (4) Vikas Varta, DDA, (5) Member (Chartered Engineer) of The Institute of Engineers India (ICE), (6) India Road Congress (IRC), (7) Indian Building Congress (IBC), (8) Indian Institute of Public Administration (MPA), (9) Indian Society of Remote Sensing (ISRS), (10) Confederation of all India Traders' (CIT).