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1 | Page

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An attempt to provide ready to use latest research and development knowledge to the society and to lead human civilisation to Moon, Mars and Beyond, with deadlines of 2030 A.D. Moon colonisation, 2050 A.D. Mars Colonisation, and beyond, with full of ethics, values and sustainable safe growth.

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We don't publish those articles that harm human society.





Table of contents

SN	Title of the paper	Author/s	Pages
1	Developing humans having perfection in every work, with full of ethics, values, and truthfulness, to live a sustainable life in the Interstellar era	Dr. Ashish Manohar Urkude	6 to 26
2	Reasons, Why Maruti-Suzuki Alto, Made in India small car, is the largest selling in the world, in its domain, since last consecutive 10 years	Dr. Ashish Manohar Urkude	27 to 49
3	Inspiration from children's game: Concentration of power and wealth is hazardous to India, if it has to become the first full-fledged 'Direct Democracy' in the world	Dr. Ashish Manohar Urkude	50 to 76





1. Developing humans having perfection in every work, with full of ethics, values, and truthfulness, to live a sustainable life in the Interstellar era

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Abstract:

Purpose of the paper:

To let human civilization unite and let expand their base to multiple worlds besides the earth 1, i.e. present earth.

Design/methodology/approach:

Mostly ideology to build the human-beings who will move to multiple places in multiple universes, with strong ethics and values to sustain human civilisation.

Findings:

A lot of work needed to be done, unitedly.

Research limitations/implications:

It's founding work and technology have been thought but character and values and ethics of travelers have not been, hence, the limitations.

Practical implications:

Could be implemented by all the space research organizations across the worlds, our world especially as we're at nascent stage to move and establish civilization on moon, mars and beyond.

Originality/value:

Present author is the only person consistently publishing in UNESCO Engineering bodies over this issue since 2004 A.D. onwards.

Keywords:

Multiple Universes, 5W-1H analyses, Multi-faceted personality, perfect human being, space age travelers

Paper type:

Research Paper





Introduction:

Human civilization is facing danger of losing its existence at the rate the ethics and values are degraded per minute per person per entity on earth. All the standards need to be modified for perfection and not less than perfection. The reason of this thought generation lies in the space travel. If man-made space vehicle has to move in the interstellar spaces and places, there will be no room for error of the range of $1: 1 \times 10^{100}$ leave aside $1: 10^{1000000000000}$, the reason being if the space ship travels that much distance and the fatal error occurs then it will fail to exist, and our human efforts will be wasted. Hence, new paradigm is 'To err is not human but to err is total destruction hence unethical and disastrous in interstellar era'. Consequently, Perfection in honestly implementations of ideas, discipline in working, truthfulness in speaking and in decisions, should be given highest priority otherwise one unit of error will create one unit of garbage per person per minute per transaction which could be due to lack of awareness or due to error in experiment which could lead to total destruction as in above case.

Today all the Engineering and Management systems and the whole Earth system is on the verge of total collapse on the time scale due to cumulative errors created by several transactions by several entities and their supportive actions. Though Engineers are trying to make earth a sustainable space ship in the Multiverses still non-engineering values and ethics are defining the implementations, making earth as a spaceship to be unliveable in few centuries for many species including humans.

Therefore this paper proposes the model to rekindle and rebuild ethics and values in Engineering and Management standard practises for the interstellar era and Multiverses human civilisations, in fact, to survive and sustain very human existence.

Literature Review:

"Mobility of Engineers in the interstellar era" by Dr. Ashish Manohar Urkude and "Mobility of the best fit Engineers in the interstellar era" again by Dr. Ashish Manohar Urkude, are the only papers which talk about such issues. However, both talk about engineers and not about ethics and values, though theme is common to develop the skills of the space age travellers. Hence, in this paper these factors are discuss to avoid misbehaviour of any sort that can cost the human civilisation moving and establishing out of earth in any worlds. The reason is obvious, earth can sustain such mistakes and error but artificial environment created by human may not tolerate such errors and which could be fatal.





The Ideology:

To build the ideal humans, given in a tabular form/ exhibit.

Exhibit 1: What is the ideology?

Aim	To build perfect human beings for space travel and building civilisation on multiple places in multiple worlds.
UNO Interstellar Body	An organisation which could be arm of United Nations of Organisation could direct and control the activities from micro level to macro level.
Purpose	To build an action plan with values and ethics for taking humans to multiple places and for long lasting survival
Crux	Utopian economy and ideal ecology, idealistic life with perfection, values and ethics is the only way to survive in any world
Vision	To establish human civilisation on moon, mars and beyond and let the humans travel at the speed of light or more than it, and hence humans need to plan it right now and try and develop capabilities of the travellers right now.
Mission	To let human travel at the speed of light after 200 years, we must develop human capabilities for space age travellers right now, so that after 5 generations his next generation could have body, mind and soul that cope up with the extreme environment of space travel and establishing human civilisation in multiple worlds.





Mantra/ Slogan	All worlds and infiniteverses i.e. infinite universes, and infinite galaxies are our home and family.
Objective	To avoid destruction of human civilisation on earth and beyond we need to build such humans that ban built the whole ecology and economy of other world on the platform of truth, ethics and positive human values.

The 5W-1H analyses in tabular form/ exhibit:

Why, What, When, Where, Which and How is analysed to ease the process being founding one.

Exhibit 2: 5W-1H Ethics Analyses:

Why?	If we try build up the ethics and values in the humans moving to places in universe and multiverse, then only we would be sustainable otherwise we would be called “use and throw” rotten race living in multiple worlds. Today we spoil earth of our solar system, tomorrow other and later other, kind of selfish beings, would be our image.
What?	Values and Ethics, that gives perfection in life and lifestyle at any place on earth or space station or space shuttle or on other planets that has to be built right now. The third or fourth generation or further generation thus developed would be perfect enough to move to interstellar era, thus those values, that gives us survival at any place in multiple worlds will act as boost for human civilisation to survive for infinite period of time. Otherwise, whatever the predictions of scientists about life extinction on earth are due to very many reasons could come true.





When?	It must start now, and whatever are efforts been there they are limited to few scientists never ever it is tried on masses, which must start now. We never know which people would have better survival instinct and ethics and values that fits for this multi-star, multi-satellite, multi-earth and interstellar travel travel.
Where?	Could start in all the countries on earth, with special courses and selection process could be open to all.
Which?	The courses that could get more importance are obviously science, life science, ecology building, economy building, engineering, and survival sciences, along with ethics and human values so that anyone selected should have these values built up right from the word go.
How?	Building perfection in every activity, without complacency seems to be the only solution as one mistake or lag or lack in simple activity could add everyday glut and could destroy the space shuttle or space station or can destroy the travel due to mistake or small known or unknown error of individual. So building perfect humans is the aim.





Which are the basic ethics and values?:

From individual level to the team level to the cosmic level is put in the tabular form.

Exhibit 3: Ethics could be described for the Space Age Engineers:

As an individual	Perfect human being having everything in him for this mission accomplishment
As a family member	Perfect family member, who has empathy and sympathy for everyone
As a team member	Perfect team member, who leads and follows as per the team requirements and that accomplishes the desired short and long term tasks
As a community on the space ship	Perfect spaceship member, who is there at right time at right place for every activity s/he does
As a human living in another world	Perfect citizen of/ for every world
As a multi-domain expert	Perfect multi-domain expert, who get gelled with everyone and gets every job done with perfection
As a representative of human civilisation	Perfect representative of humans, in every world, and takes message of living in peace and place for everyone in multiverse
Role of Yoga and	Developing humans with perfect soul, strong body, strong mind, ever sharp brains, and always stable mind, and a perfect human



religious practises	being
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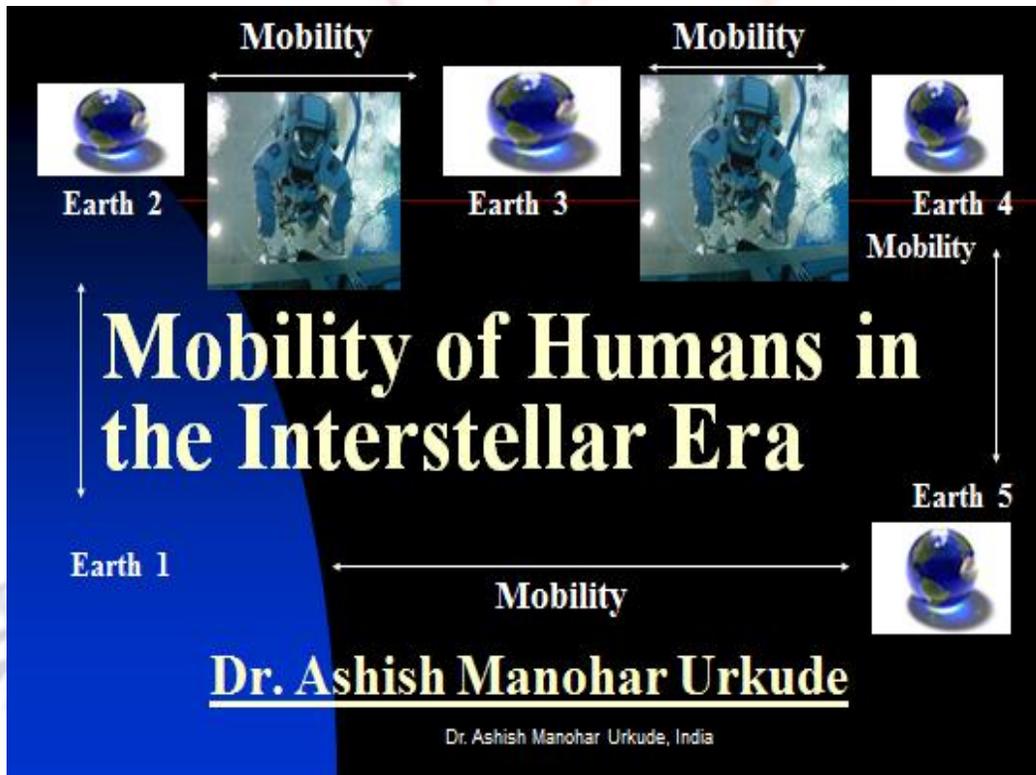


Diagram 1: Mobility of Humans in the interstellar era from Earth 1 (Human Base) to Earth 2, and so on.

What's the Vision and why everyone must be convinced about this on earth?:



All universes is our home and we should be able to move there and we should have technology and human personalities to move and come back and train and sustain our next generations for our own self existence. Put in the tabular form again.

Exhibit 4: The VISION Document for the Space age Education

ENTITY	Description	How, why and when it could be developed with values and ethics in space travelers?
VISION	To establishing human civilization on moon by 2030 A.D. on Mars by 2050 A.D. developing spaceship faster than speed of light by 2075 A.D. civilization on the planet of some distant galaxy by 2100 A.D.	All human experts without any barrier idealistically come together for this idealistic, utopian and perfectionists and survival project. Now, the better.
Mission	To develop super human capabilities, ethics, values, standard practices to benefit all entities on earth or some distant place/s in the Universe.	Bringing together all humans and selecting the best using peer reviews, common me review and expert reviews for development to let them move, survive places on many worlds.
Mantra/ Slogan/	The whole universe and all universes are my/our home and family.	Building and nurturing this in every of the human, to survive and to let survive.
Aim	To give idealistic, perfect life style to everyone leading to self-actualization, then leading to self-realization and self-governance.	To develop flawless humans moving on multiple places and who could built human civilisation on multiple places with structured approach at places, suitable on earth and space-stations.





Objective	To avoid total destruction of life on earth in future. One planet helps other. Engineers/ Humans will have knowledge and technology to develop/save the whole eco-system and economy on planets of colonisation to live the everyday life anywhere in universe with human ethics and values.	Developing such humans who are all-rounder common men, doctors, engineers, ecologist, economists, agrarian, family humans full of ethics and values and who can build human civilisation to multiple worlds and survive forever.
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Why we should have multifaceted multi-all-rounder personalities?:

It's discussed here as they only will be able to survive or will become dependent on others, which could be a liability on the journey. Again put in the tabular form.

Exhibit 5: Multi - All Rounder space age Perfect humane Engineer

Multi-skilled humans	What is it?	How, why and when it could be developed with values and ethics in space travelers?
Multi-tasking	S/He must be able to perform various roles and jobs at a time, like an energetic mother does cooking, housekeeping, etc. He must be able to drive space vehicle, perform first aid, etc. to keep the space vehicle run.	Self-sufficient, self-dependency, self-survival in extreme conditions, could be taught from early childhood, and the generations thus developed will have 3 rd or 4 th generation which could become perfect in multi-tasking and hence can travel in multiple worlds. Hence, should be started now.
Multi-educated	He must be a doctor, architect and engineer i.e. expert in multiple disciplines. E.g. An eight	In place of teaching child for particular domain specific education after 12 th grade, the multi-expertise education in Medical Sciences, Space Sciences, Architecture,





	<p>years Space-Age Engineer program in which Bachelor of Medicines and Surgery, Mechanical, Architectural and Electronics Engineering major subjects would be mastered.</p>	<p>Mechanical-Civil-Agriculture-Electronics engineering could be started right from first standard / grade, slowly this multi-discipline expert would be perfect and would pass on the expertise to next generation and hence 3rd or 4th generation could move to multiple places in multiple worlds.</p>
Multi-dexterous	<p>Performing multiple skilled jobs in space-suite or in formals/casuals alike. At a time must be able to treat a person suffering from heart attack like a heart specialist or use the technology to do that and drive the vehicle. Thus, multiple qualification/s of all on the board could be an asset in emergencies.</p>	<p>Emergency can arise without warning at any time. Hence, multi- dexterous personalities will be required in space, which can everything and anything on space shuttle or in colonies. Hence, it could be encouraged to get Surgeons at the age of 18 or even early, engine and vehicle repairs, all basic jobs in agricultural domains like preparing soil to sowing seeds, etc. which leads to cooking meals.</p>
Multi-lingual	<p>Fluency in multiple languages will help to be a skilled communicator an asset for the multi-country engineers, if trained, even can decipher the code from alien community as generally multi-lingual are fast learners.</p>	<p>Children who are willing to learn multiple languages should be encouraged for same in all the countries, as we don't know at present which language could be better in space, Sanskrit or English or Hindi or Chinese, and language carries human values as well. If person knows few languages then he can crack other languages as well this is our experience. May be if they happen to meet aliens their language also could be cracked and then we could have friends from other worlds. Language and communication plays vital role in building relations and hence these values should be built right from early age.</p>





Multi-faceted	Chiselled multiple personnel attributes to deal with multiple situations. It may it be street-smart aspect or higher end technologies.	If there are limited people on space ship, every person is multifaceted, s/he is a soldier, an engineer, a surgeon, an ecologists, a biologist, a physicists, a chemist, a doctor, a pharmacists, a home-manager, a common-human being, a President, a King/ Queen, i.e. multi-roles s/he has to play. If from early childhood the person is developed with well-groomed persona and personality then s/he can survive with her/his right attitude. Otherwise small flaw in behaviour can cost the whole mission.
Multi-cultured	They must have exposure to get instantly adapted to the environment of American or Chinese or Indian or any European Country to keep conducive atmosphere by understanding customs and traditions of everyone.	Right now we've classes which has few Chinese, few Indians, few Americans, Few Europeans, Few from Middle-East, and if these same children can get accustomed with each other's culture and can live peacefully then move further and let them be groomed for the space age culture.
Multi-civilized	They must be well groomed, cultured, educated, refined at various levels, enlightened at basic to self-actualization / nirvana level, chiselled for politeness, made elegant leader, in multiple best civilizations in the world and developed as a sophisticated and urbane universal engineers.	To achieve this in and among every person involved, it requires continuous training, continuous learning and ever inquisitive approach, and it must also start from early age with self-will of the person involved. This grooming exercise will develop a person who understands other's culture and live a civilised life in these multiple places with cool heart-brain-soul with full awareness and consciousness, which has come after rigorous training self-enlightenment and self-governance.
Multi-	Lateral Thinker always	Right from the childhood children have to





lateral thinker	thinks in many directions and through eclectic sources on one issue. S/He will have out of the box thinking abilities on the voyage over other planet/s or place/s or in the inter-galactic space travel/s.	be taken to multiple places to avoid unilateral thinking. If children are developed as per above mentioned way and are given exposure to moving and staying on moon and comeback, same children would become the future intergalactic travellers. By doing so they might be able to think in multi-lateral ways.
Multi-nomial	An engineer who has expertise in engineering applications and life's multiple requirements and who can make this venture a truly profitable.	Right from childhood if a child knows what is the value of a service or product and they are groomed for such projects and are trained to develop smaller to bigger projects then they will understand the true worth of space travel and settlement. Multiple projects and exposure of this kind, with ownership issue can make them multi-nomial.
Multi-social	Space Age engineer must be able to live in all the strata, hierarchy of job/s available in present society/ies. All the qualities will come useful.	Multi-social skills could be groomed to children right from younger age, in such a way that their social life will not harm any of their moment in space age, even after too much stress or negative forces are there or too much exciting achievement is there or too positive feelings are there. Emergency could come their way at any moment in space and multi-social here specifically means together they should be able to handle any situation at any moment in their individual or lives as together. Also, a social life in which, consumption of liquor or cigarette smoking or such harmful things are there that harms coexistence of other social beings will not be allowed hence it will be part of the grooming process. The major reason, take a sample example, just





		<p>for sake; suppose a small dose or extra liquor consumption or extra cigarette consumption in emergency can lose control of the spaceship or some other harm in emergency then it's better to not let children do all these things right from childhood to avoid further accidents. Also, children can be taught other positive ways enjoy or other ways that are better for space age life. Example just for sake, they can enjoy the meditation seating in lotus posture. This will help when they grow older in the spaceship and travel, establish human civilisation and let human values travel long run till existence of human civilisation anywhere in multiple worlds.</p>
<p>Multi-purpose</p>	<p>An engineer, a doctor, a surgeon, a business management guru, an architect, an electronics engineer, and mechanical engineer; on earth, in space vehicle or on the other planet while human kind is establishing its base over there.</p>	<p>The person, who is into multiple role at any moment s/he is the human, the space traveller, the surgeon or engineer or economist or house manager, etc. thus, can't be put into one word. These skills and qualities and attributes can be infused only if the grooming starts at early age. It should be done by letting child know it. If he is willing and aware then he can encouraged for further to further levels of training and grooming that can help to sustain humans till they establish the civilisation in other world and their next generation comeback to earth to tell positive stories and take few more back to his/her world. Thus, multi-purpose engineer in the focus will be a human with multi-skill and multi-purpose as well.</p>
<p>Multi-</p>	<p>An engineer who can think</p>	<p>The way athletes are developed, similarly</p>





<p>Super-Human</p>	<p>fast, decide fast, do work faster, and have such more super human capabilities to deal in emergencies or while living normal life as well.</p>	<p>space age super humans could be developed can be proved. There are Doctors and Surgeons who work for more than 12 hours a day, have carried out several hundred operations in a month, such people could be selected for this training. Similar is the case with Engineers, Athletes, Economists, Pharmacists, and more such people who could be used for this. There are people having super human capabilities, who can also become guide to develop such astronauts with super human after scientifically planed training sessions. Also, already many companies like Mars One have planned one way travel to Mars and have selected or short listed people travelling to Mars. Then why not space companies like NASA, RFSA, ISRO, ESA having decades of years existence can plan developing Superhuman Astronauts or Cosmonauts or Antariksh Yatri for the same for human cause.</p>
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The coveted 5W-1H Analyses why it has to be aimed right now?:

So that early the better we'll get 'THERE' and expand our horizons and come back and let rain next generation of humans to survive and sustain. Again put in tabular form.





Exhibit 6: The 5W-1H Analysis of space age Engineering education

5W-1H	Question	Answer	How, why and when it could be developed with values and ethics in space travellers?
1 W- Why?	Why all this?	To have aim and vision to live for every human being. 'Vision' building starts from education system.	The man with 'Vision' works with better utilisation of resources than a person without. Hence, the space traveller having this vision will give better results. This vision will be inculcated more during all their work and stay before travel, during practise and during travel and after they come back on earth. This will sustain our own human values and civilisation as whole.
2 W- What?	What is all this?	Modification of engineering education to develop engineers who will give more to the world/universe in an organized manner.	The time has come when the education to space travellers be decided from the word go. In case highly energetic, multi-tasking, stable minded children with inquisitive approach are selected in early age, then they can be groomed well for this establishing human civilisation at multiple worlds.
3 W- Where?	Where can it be done?	In every level of engineering education including curriculum/s, teaching, learning, and while implementing the knowledge.	Each country can select such children mentioned above and they can be groomed further. Otherwise also, NASA, ISRO, Russian Space Agency, European Space Agency, assisted schools can come handy. If they don't have their own children's schools, they should start it now. Such multi-faceted and multi dextrous children will be an asset to human civilisation in long run.





4 W- Which?	Which thing is more important?	Developing persona of every engineer through scientifically proven ways and using proper technology, infrastructure to make him best fit for the universal voyages and establishments.	Building persona is possible and has been proved time and again, by providing conducive climate and helping environment to space travellers. Thus, it is possible that an engineer cum doctor cum surgeon comes up at the age of 18 years itself in future with modified programs and by self-help and assisted grooming. This enhanced persona can build the personality of a person for space age travel and for future.
5 W- When?	When can it be done?	Right from this moment. The earlier the better. Few engineers claim that some part of education must start at lower grades.	Early the better. Some Engineers like me, we feel, that there are almost 50% of the Engineering syllabus could be covered in early schools. Some Doctors, Pharmacists, Environmentalists, Agrarians, and home managers also feel the same. Selecting right candidate at right time for this purpose can help us in a right way, after all this is matter of human existence itself.
1 H- How?	How can it be done?	By having better understanding among all the governing bodies and authorities in the world including governments, institutes, business organizations, financial institutes and the space organizations like NASA, ISRO, ESA, and RFSA.	Still after publishing of past papers, all the space agencies are working independently and have not disclosed they working together on this issue, which shows they are more devoted to their national cause than the cause of human civilization or they believe that by working independently some new ideas and ways may evolve that could have more impact on space age. However, I'm of the opinion that for human and global cause, nationality could be kept aside and all the space agencies should come together and work under special "Interstellar UNO of Earth Body" thus formed together for survival of human civilization forever.





Why Truthfulness, honesty, integrity will be major ethics and values for cheques and balances?:

Truth brings better option in case of error otherwise where time is available just for existence and survival purpose, falsification of one’s deed would be waste of time and may cost the blunder for the existence of the spaceship itself. Ex. Someone cuts a cable by mistake and says it’s not cable the fault lies somewhere else, GONE. Again put in the tabular form.

Exhibit 7: Truthfulness and honesty and integrity are the foundation of space travel, to survive and to sustain:

Attribute	The Reason
Truthfulness	One false claim or fraudulent or untruthful talk can lead to false claim and false solution and false result and hence can lead to total destruction of the space shuttle
Honesty	An honest person can give the real cause of mistake or error, which can help finding the real solution. The exams conducted will have no invigilator, the main reason, if space age human have to survive s/he has to know everything honestly.
Selflessness	Unselfish behaviour at every moment and living for the cause than leading a selfish life, otherwise ego clash can lead to total destruction.
Strong Willpower	All travelling in space should have strong will power to complete the whole mission.
Integrity	No compromise on integrity. Sometimes self-sacrifice could be the situation, sometimes leaving somebody in danger for the safety of others could be a situation but none should have enmity with anyone.
Leadership	Everyone should have leadership quality as there could be situation that at one corner fire is there and he has to lead from front and at back the strong support could also be there.
Followership	An apt follower only can become true leader and vice versa, it builds trust among all, towards leadership of anyone and everyone





	in the group travelling.
Either Egoless or Matured Ego	Egolessness is the ultimate reality of human life, however, matured or seasoned ego also could be useful in certain situations.
Team Spirit	None is special and none is waste, everyone is important for the mission to complete, they are travelling with purpose, hence, no compromise on Team Spirit. Living with everyone and taking everyone along with everyone is the way. Individual space is ok, but, no compromise on team spirit, thus, pluralism will have more say than individualism.
Reliability	The whole team should build a consensus that and reliability among the back support as well that they will comeback successfully by establishing a human civilization in other world.
Knowledge	Of the whole technology, of the skills, to survive in every situation, disaster management, s/he must have knowledge about everyone on the space shuttle and their strong and weaknesses and about whole mission and vision, and how to get back on the work and to remain focussed.
Life Long Learner	Everyone should have ever learning approach; otherwise the closed mind can create a negative source for the whole mission.
Understanding nature	If everyone has understanding nature for others, in every situation, the peace can be maintained on board. Thus, many ego clashes could be avoided.
Grooming next generation	There will be a situation, where children will grow up in the space shuttle while travelling for decades. So every member must have ability to groom next generation and letting them know the micro and macro realities of travel. In fact, next generation should be better in every aspect than the previous generation, should the aim of whole travel.
Everyone is complete man or	Everyone who is starting the first journey should be a complete man or women in every aspect so that they can survive the journey,





woman	establish sustaining human civilisation and comeback successfully.
Family Values	To let next generation been groomed for / with perfection to sustain, to establish and to take human civilisation to new heights.
Stable and Peaceful minded	It's one of the major attribute, as in disaster management or in space age risk, without stable and peaceful minded person many extreme stress, and life-threatening situations cannot be handled for perfect solutions.
One man army	Every cosmonaut / astronaut / antariksh yatri will be trained to be one man army, who can survive any situations.
Discipline	Self-control and Self-restraint will be required in case such a huge milestone has to be achieved.
Continuous Awareness	Continuous training, awareness drive, mock drills, outside environment of the space ship and inner environment has to be updated, which sum-total will be called as the continuous awareness drive.
Soldier Scientist	Inquisitive but soldier as well, to balance all act.
Economist and Environmentalist	He'll be starting the new economy over the new planet. He must also be aware about the environment from the word goes to avoid further impacts.
Self-governance	A responsible, self-disciplined, self-controlled, self-motivated, self-sustaining, self-actualized, enlightened, strong, person who can withstand the multiple g-forces to physical to psychological pressures and live happily and let others live happily.

Conclusion and Further suggestions:

It's time we discuss the best practices in ethics and values to survive for ever on earth or any place in the Universe or multiple universes, and we should try to build such humans on earth who can carry our civilization forever. They could be trained and their families could train lot such more for next





generations, so that we have a strong population who can readily move to other world and survive there, just in case.

Even surviving on the moon is commendable job and moving further away could be required, in that case; so the question is, are we ready?

If not, then this paper becomes the founding block for the same. It's sure, it's a big job, needs utopian and ideal thinking and implementation, otherwise, mother earth forgives us for our committed mistakes; but, spaceship in which our space travellers will move, may not, and one in trillion mistakes can wipe travellers / movers out of life and may be our traces even not be left anywhere. Hence this effort to build perfect souls travelling on the spaceship, which/ who will be later 'living abroad' with respect to earth aka Earth 1.

Further research is possible on this issue and multiple scripts right from the spiritual to scientific, similarly efforts from various angles, experiments in various fields, experiences in the past, present and future in any field and domain with respect to this touch, could be useful.

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2. Reasons, Why Maruti-Suzuki Alto, Made in India small car, is the largest selling in the world, in its domain, since last consecutive 10 years

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Abstract:

Purpose:

- i. **First:** When better options with just 25% more cost are available still why customers prefer Maruti-Suzuki Alto cars?
- ii. **Second:** Why Maruti-Suzuki Alto is preferred by the first time buyers in India in this segment?
- iii. **Third:** Trying to know why Maruti-Suzuki still dominates the Indian car market?

Design/methodology/approach:

Mostly survey questionnaire and very simple analysis.

Findings:

Maruti-Suzuki offers value for money on simple products like Alto with better affordably costing original spares, and all services under one roof, with maximum number of authorized service stations in India.

Research limitations/implications:

Only 100 convenience samples were taken in to considerations from Authorized 5 service stations of Maruti-Suzuki from Nagpur, Dehradun, Pune, Mumbai, and Delhi.

Practical implications:

Knowing the mindset of middle class family to go for the small car, and it could be useful, in future for any such ventures.

Originality/value:

The Author who himself is Automobile expert holds this car bought after discussion with some other automobile experts in 2010, due to its 1000 CC engine and being the best fit, valuable, life purpose car for narrower roads in Himalayas.





Keywords:

Maruti-Suzuki Alto, Middle class Indians, affordable car its services and maintenance cost, better mileage, resale value, simple driving experience, simple compact car, less features, fulfills expectations of middle class customers, value for money, life purpose car

Paper type:

Research Paper

Introduction:

Since, 1979, Alto vehicle is been manufactured by Suzuki, which is city car it was most selling car since its launch and it reached 4 million selling mark in 2001 itself. In India due to very many reasons, it is sold in basic Maruti-Alto-800 to Maruti-Alto-1000 being highest possible version. In India too, due to various situations and circumstances in villages or in Himalayas or city or metropolitan area, Maruti-Suzuki-Alto has become the most sold car.

In this paper, 100 Alto owners, more than 10 Automobile experts and 5 Dealers are interviewed and their views are been put forth so as to know, why it's most sold car. These are the findings, though it was shown by some Anti-Maruti-Suzuki experts, that it is not safe car as it has failed in this test or that test, also, as it has no features.

Hence, these studies, in spite of these failed tests, why Indian middle class are buying it?

Very simple statistical analyses is put here, keeping, high funda statistics away, like, in Alto Maruti Suzuki has kept it simple and put away high funda features, as claimed by the customers.

Question 1: Is it value for money car?

Answer: Out of 100, 100 have said, "YES", Maruti Alto is value for money car.

Theory: Value = Benefit/ Cost, i.e. If you get more benefit for less cost than the product or services, you have more value.



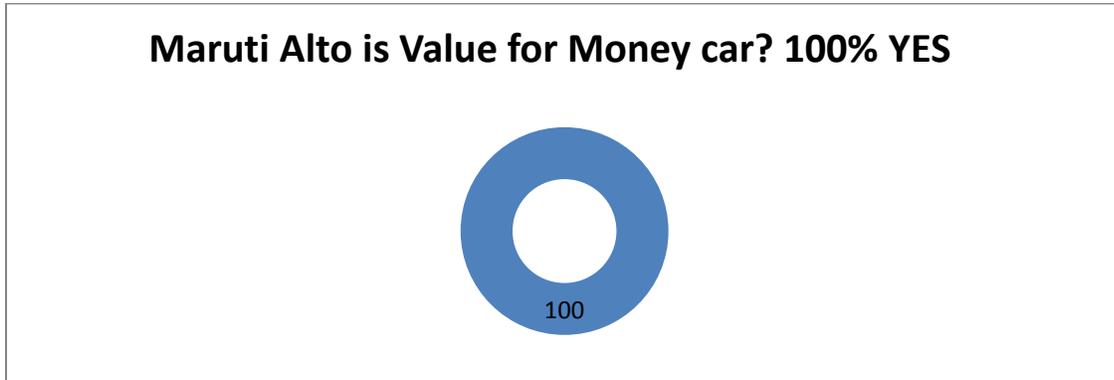


Diagram 1: Maruti Alto is Value for money car

Question 2: Why don't you buy car with more features?

Answer:

- i. 90% said: Flashy features cost more if broken or become out of order i.e. more features = more cost.
- ii. Other 10% also added: Apart from more cost, we don't like flashy features, as it attracts bad eyes

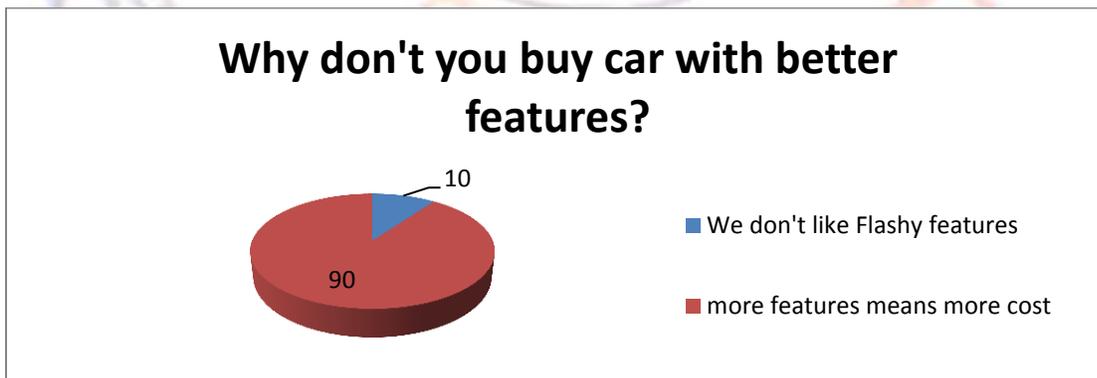


Diagram 2: Why don't you buy better car?

Question 3: Given a chance which vehicle you'll buy?

Answer:

- i. 5% Maruti Alto K 10 Automatic Gear Shift
- ii. 95% Maruti Alto same version, they are all first time buyers

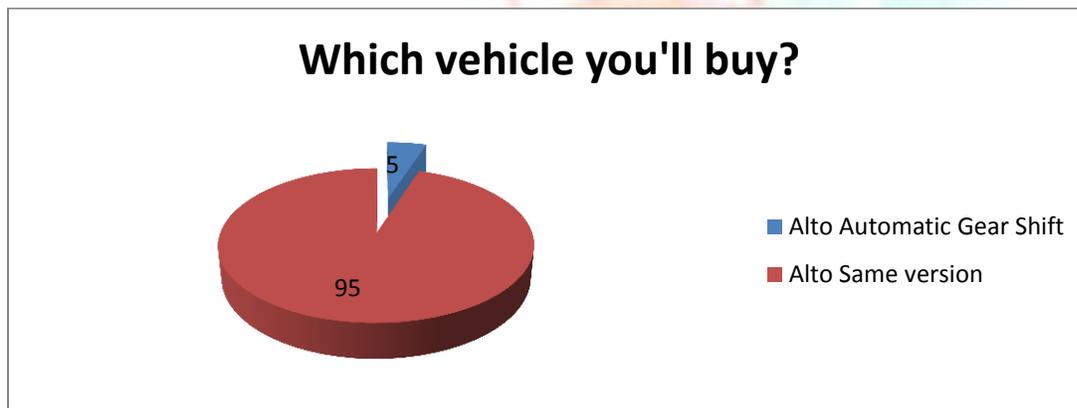


Diagram 3: Given a chance which vehicle will you buy again?

Question 4: Do you think this car has more affordable maintenance cost than other competitors?

Answer: 100% YES.



Diagram 4: Do you think this car has more affordable maintenance cost than other competitors?

Question 5: Do you think Maruti Alto has better resale value than its competitors if maintained properly?

Answer: 100% YES. Most of them are first time buyers.

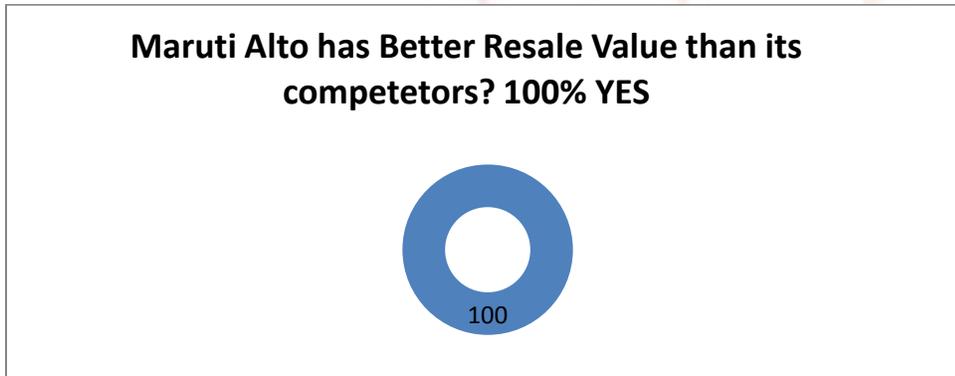


Diagram 5: Do you think Maruti Alto has better resale value than its competitors if maintained properly?

Question 6: Do you think you bought Alto due to its better mileage than its competitors?

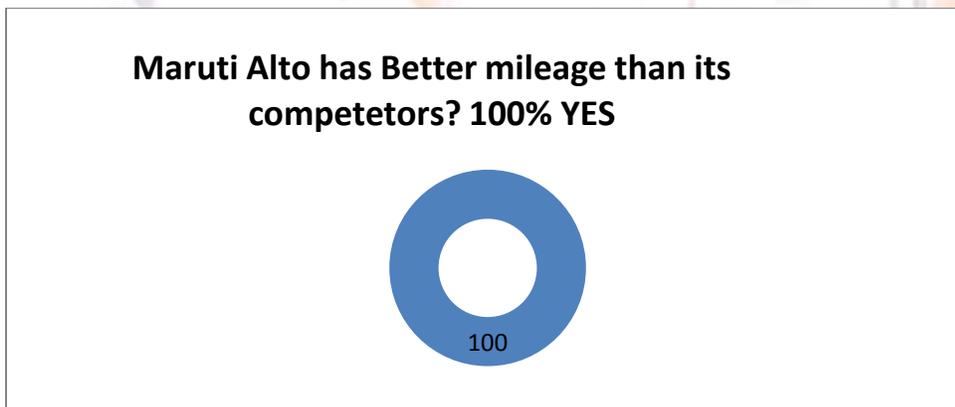


Diagram 6: Do you think you bought Alto due to its better mileage than its competitors?

Question 7: Do you think Maruti Alto have affordable spare parts than its competitors?

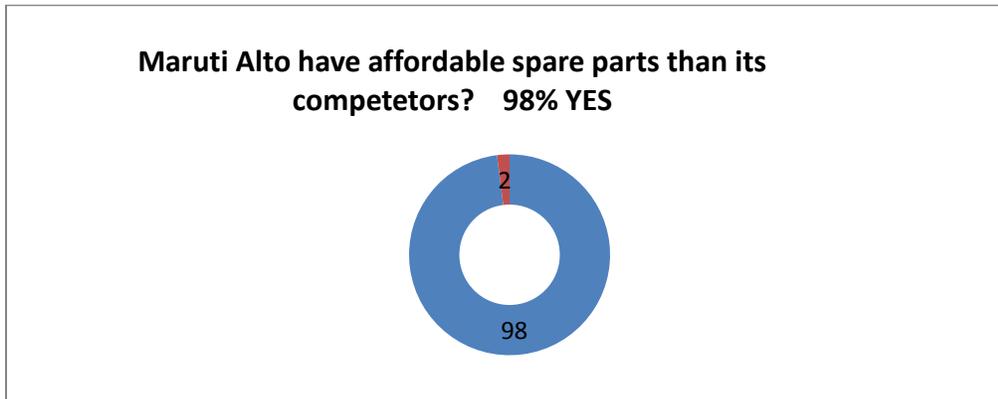


Diagram 7: Do you think Maruti Alto have affordable spare parts than its competitors?

Question 8: Where do you service, in Authorized service station or other places?

Answer:

- i. 98% at service station due to affordable services and there are more service stations in India than many other competitors.
- ii. 2% we don't service till there is some fault arises in the vehicle

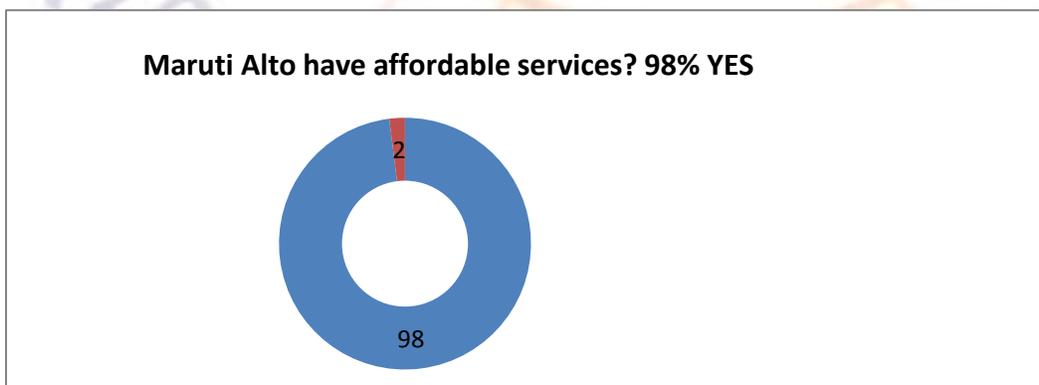


Diagram 8: Where do you service, in Authorized service station or other places?

Question 9: How is the driving experience?

Answer: 100% said, “It’s a better driving experience”.

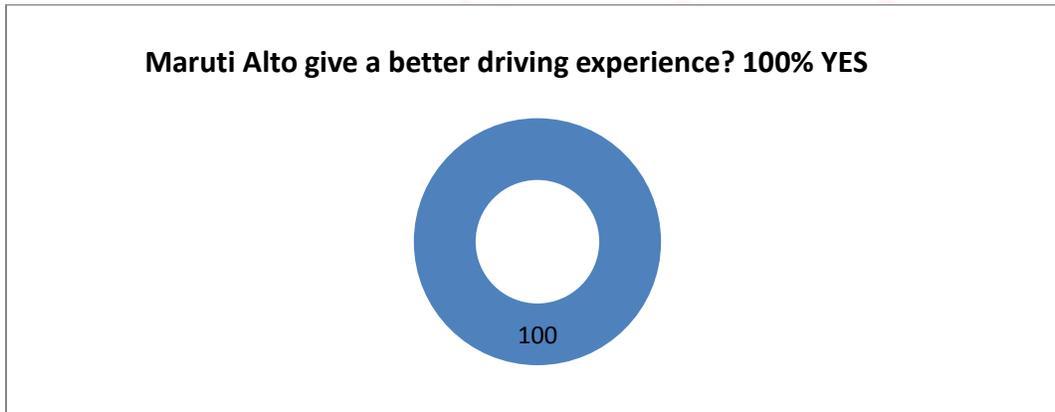


Diagram 9: How is the driving experience?

Question 10: Any expectations from the car?

Answer: 100% owners claimed and said, “What more you expect it’s good we’ve a car that’s durable and it perfectly solves our purpose and it fits into our budget as well, that’s all”.

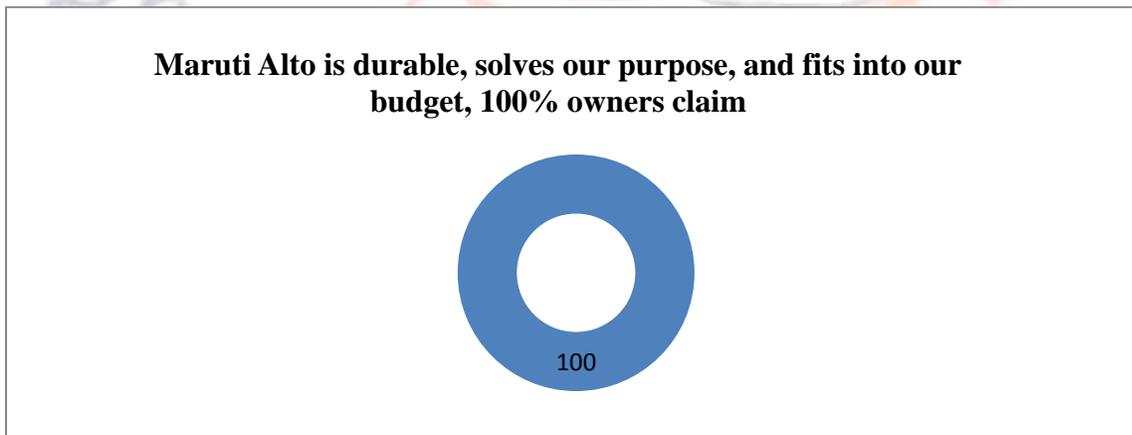


Diagram 10: Any expectations from the car?

Question 11: How many years you're using this car?

Answer: 90% using this car for more than 3 years, 10% less than that.

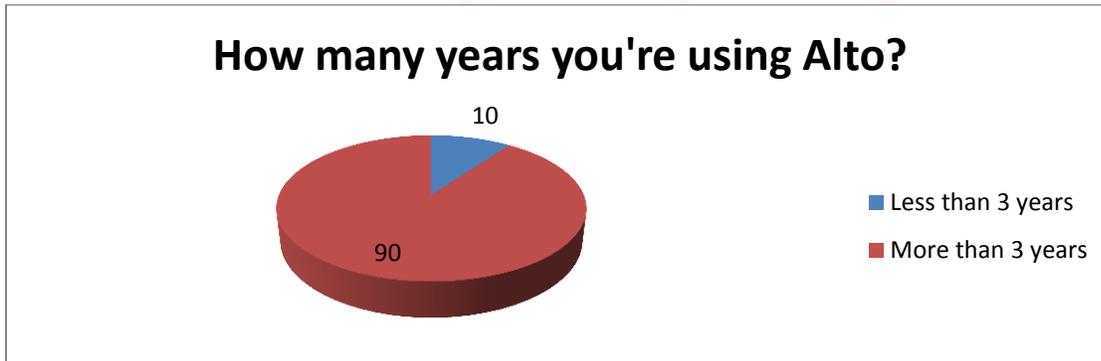


Diagram 11: How many years you're using this car?

Question 12: How many times you bought Alto?

Answer:

- 25% given to relative and this is their 2nd time
- 15% are brand loyal and have 2 Alto at home
- 60% went ahead with Sedan

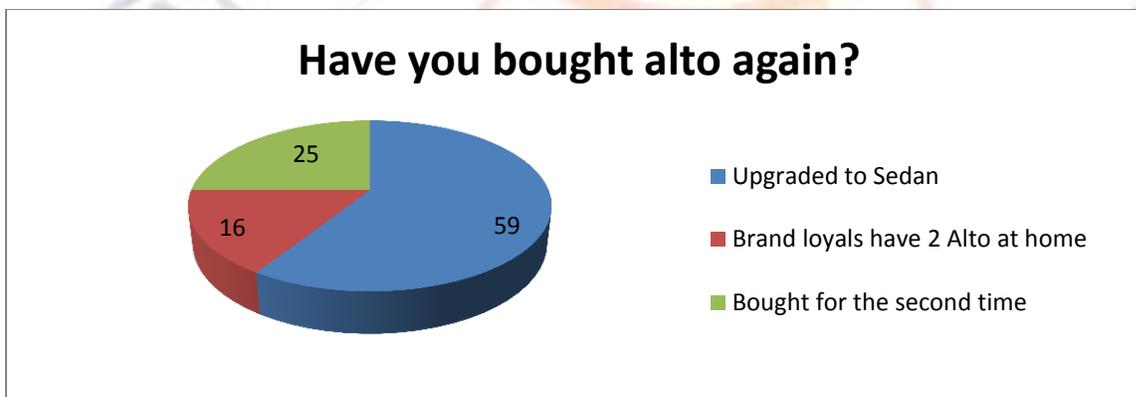


Diagram 12: How many times you bought Alto?

Question 13: Do you have other brand car than Maruti-Suzuki Car at home or a two wheeler?

Answer:

- i. 19% : Yes
- ii. 12%: Have only one vehicle
- iii. 69%: Have a two wheeler

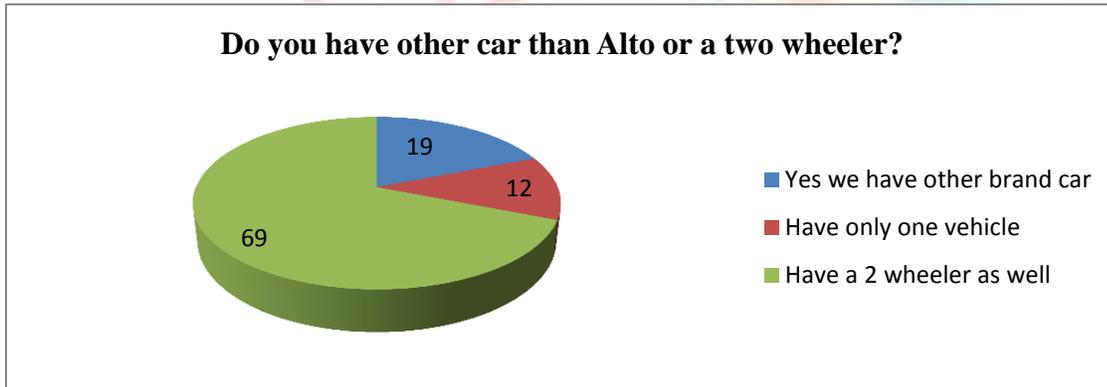


Diagram 13: Do you have other brand car than Maruti-Suzuki Car at home or a two wheeler?

Question 14: Did you have any problem with Engine, Transmission, Gear Box, and Steering, yet?

Answer: 100% No.

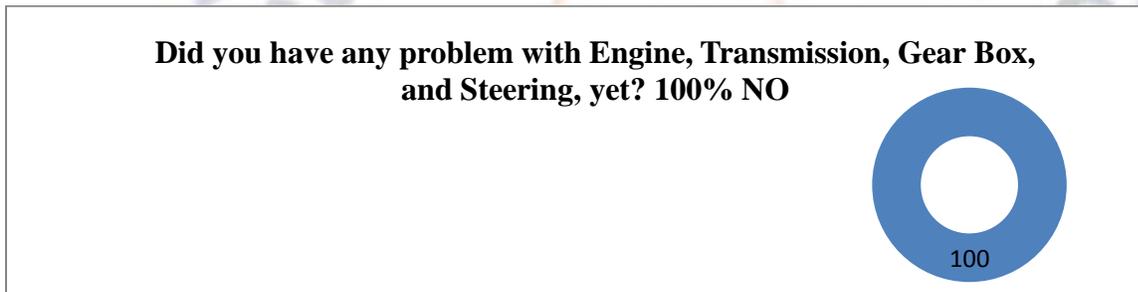


Diagram 14: Did you have any problem with Engine, Transmission, Gear Box, and Steering, yet?



Question 15: What are the other supporting things that you liked, while buying Alto?

Answer: All these services under one roof called the Authorized dealership and services station of Maruti-Suzuki:

- i. Comprehensive insurance coverage and reminders before expiry
- ii. Finance and Loan facility and tie up with banks
- iii. 4 years warranty with full paper works, documents and records
- iv. Reliable at home services with immediate feedback form for done work
- v. Brand of Maruti and Trust among the customers, tops in JD Power survey, in customer satisfaction index (CSI)
- vi. 'True Value' second hand/ used car sell support from Maruti-Suzuki in case of resale
- vii. Registration support from Regional Transport Officer/ Authority
- viii. Hassle-free buying, selling and servicing provided by Maruti-Suzuki
- ix. Techno-Managerial support from Maruti-Suzuki even after completion of warranty period
- x. Tie ups of the Maruti-Suzuki for various original products / equipment manufacturers and service providers and warranty services, under-one-roof, ex. Tyre, Battery, Glass, Music System, etc.



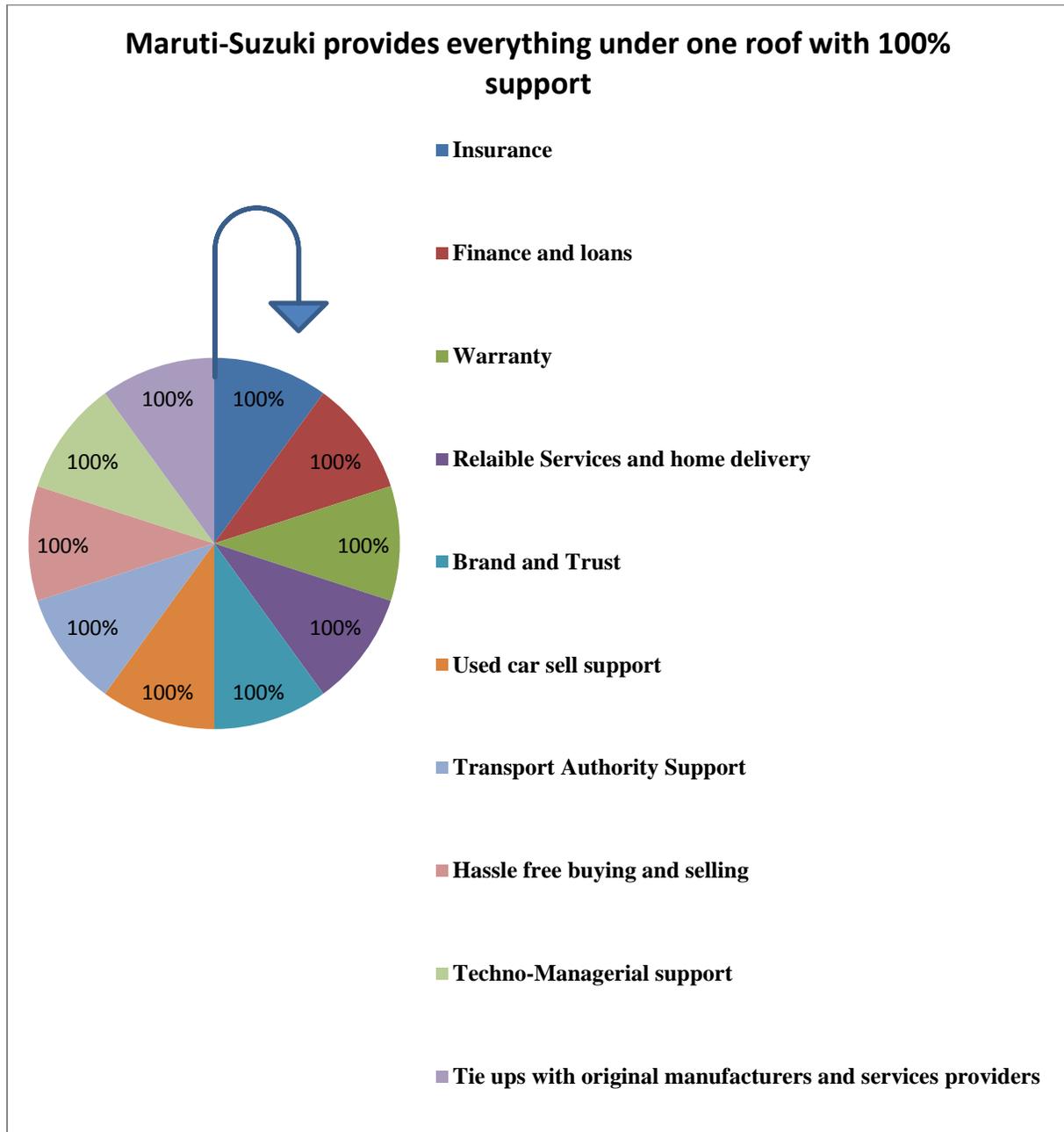


Diagram 15: What are the other supporting things that you liked, while buying Alto?

Question 16: What more you can add, to support you like Maruti-Suzuki Alto?

Answer:

- i. It solves our daily life purpose
- ii. Its technology is reliable and hence largest selling car in the world in this domain.
- iii. People like trustworthy leader than flashy one, Alto is that leader in this segment.

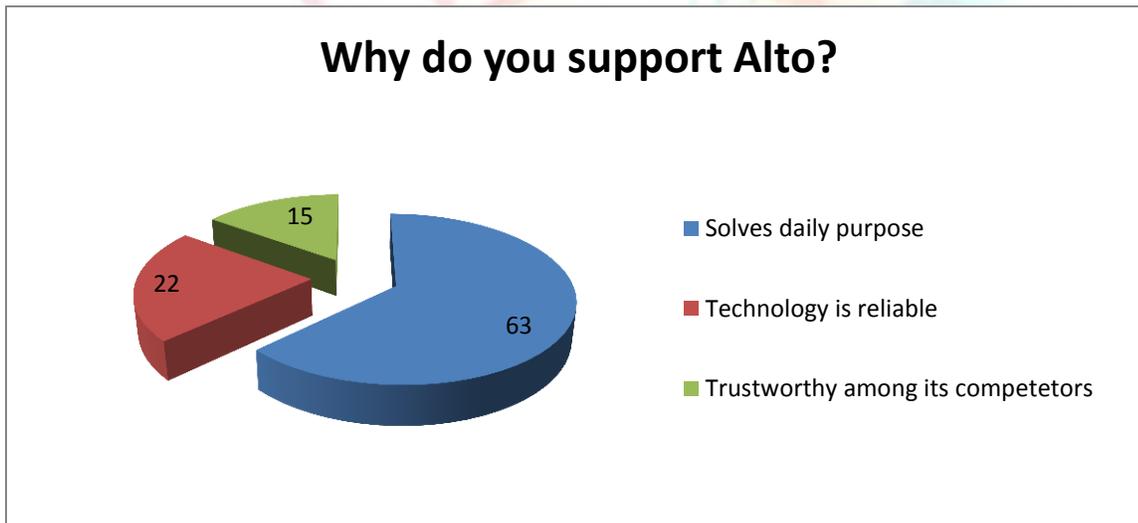


Diagram 16: What more you can add, to support you like Maruti-Suzuki Alto?

Question 17: Why you are buying a small car when you can afford the bigger one?

Answer:

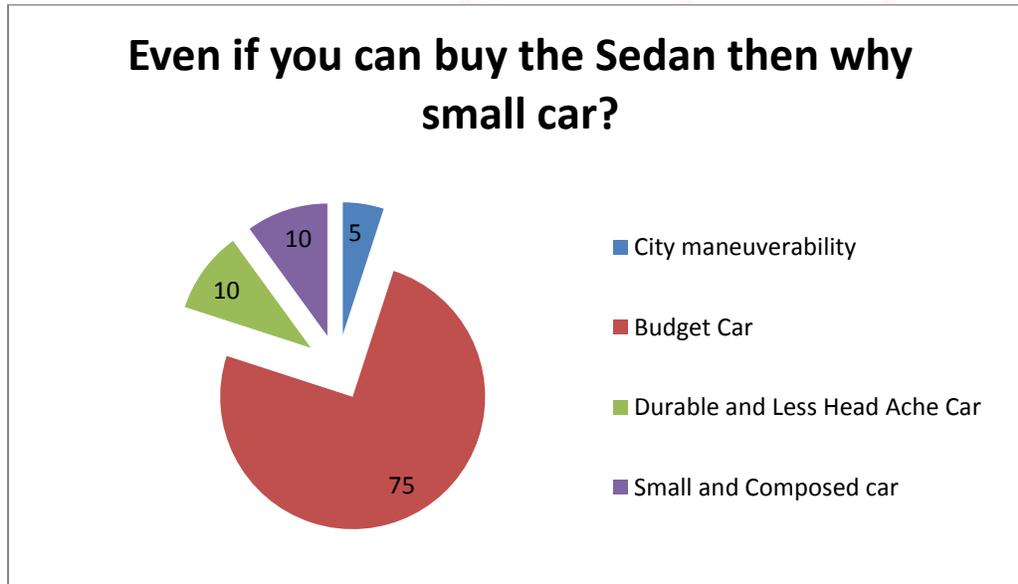


Diagram 17: Why you are buying a small car when you can afford the bigger one?

The answer given by all on why they don't want to go for big car; as it was an open ended question; are put within the following points:

- i. City maneuverability:
 - a. As it's a smart and practical way on city roads in heavy traffics
 - b. Can move easily in narrower road or space conditions,
 - c. Saves time on roads as compared to big cars when it comes to routine conveyance,
 - d. Parking space required is less and Moving backward is easy,
 - e. Has less turning radius
 - f. Solution to city's many traffic related problem created by bigger vehicles
- ii. A budget car:
 - a. Its economical to maintain
 - b. Its EMI is less, as it's a peoples car, it's common man's car that costs just one hundred thousand more than the cheapest car



- c. Its quality car for smaller budget
 - d. Less Fuel Consumption than sedan,
 - e. On Himalayan roads small and narrow roads SUV and big cars don't work,
 - f. We're retired and it's enough for us or
 - g. We're young and a small family Children are naughty and flashy features can cost us more in case damage
 - h. Most of the customers claimed that in city due to small incidences a dent or a glass break or the door break, etc. occurs, the dealers with insurance tie up help us claiming insurance and repairing the car, thus less head ache. Also, on glass 50%, on steel 100% concession that we get while claiming insurance, helps us repair the car a cheaper cost than all other cars of its range.
- iii. We want durable and Less Head ache car:
- a. Maruti-Suzuki offers everything at one stop in their authorized dealership and service station
 - b. Our family buys a car once in a life time, and hence we want a durable car, Maruti-Suzuki Alto solves this purpose
 - c. One of the senior person said, "I had to sell my 1970 robust car as 'they' stopped repairing it otherwise, I would have used it for life time, and given saved money to my grandchildren."
 - d. In emergency the services are good and spread across India
- iv. Small and composed car:
- a. Now a day, every small car has all the basic safety features on Indian roads where none can drive at higher speeds on city streets, over crowded streets
 - b. Even on highways it moves well, where we go only occasionally and follow all rules and regulations to avoid accidents
 - c. Daily cleaning can done even in front of the home





Question 18: Asked to Automobile Experts: “Why you’re suggesting Alto?:

Answer:

- i. **Dr. Sharma, B. Tech. M. Tech. in Automobile Engineering, and 30 years’ experience:** I hold Estillo Car since last 5 years, and it has same K-10 Engine. If you buy Alto-K-10, it will fly your small family. Indian families have average physique and for it, in the Indian conditions, Alto is the best fit.
- ii. **Dr. Saxena, Ph. D. Automobile Engineering: 30 years’ experience:** While others are coming up but Maruti-Suzuki has well established network for genuine parts users and for getting regular services, besides that it has cheaper cost for original parts as compared to other cars in its segment. Its engine is good I’ve alto since last 8 year, it’s a no problem car.
- iii. **Mr. Negi: G. M., D. D. Motors, Dehradun, Authorized Service Station of Maruti-Suzuki Dehradun: 20 years’ experience:** Frankly it’s the value for money car, trouble free car, there is no genre bias in handling, we never got any breakdown failure for Alto except for accident cases, it’s rare car with 360 degrees visibility, the safety of alto among the compact car competition is better, mileage i.e. Kilometers per liter is better, it has no complicated technology, people have travelled Jammu and Kashmir to Kanyakumari without any problem sometimes at 120 KMPH and sometimes on village or on narrow Himalayan roads, it had been found it has better stability and control and safety features for Indian conditions, and none can match it at present in this segment.
- iv. **Engineer ABC, Nagpur: 20 years’ experience:** I hold XYZ small car, but, after 2 years of it driving it is posing lot of problems. They don’t have much service stations and spare parts are 10 to 20% costlier than Alto. I know a newly launched car, once, in heavy rains and a small dash on road, it got stuck on the road, the service station was almost 20 kilometers away and, public have seen what happens if none on road knew the technology and how to repair it and if you don’t have the tools and equipment to repair it.
- v. **Engineer DEF, Delhi: 15 years’ experience:** I’m working in XYZ small car service station since 2000 A. D. and we could not get over the competition of Alto, due to their value pack model and robust technology.
- vi. **Engineer GHI, Mumbai: 13 years’ experience:** In the city like Mumbai, small cars with almost 1000 CC engine is better than 1200 or more CC engine cars for longer distance and as you almost walk on the crowded streets and also for good mileage, and Alto-K-10 fits into city traffic and small space as well.
- vii. **Engineer JKL, Pune: 17 years’ experience:** We’ve Tata Motors in our city and their car domination too, but, we could not challenge the Indian middle class mentality which always favor the Maruti-Suzuki Alto, which they think is more suitable, even though our features are better. Asked why, “Ours are more attractive cars, but, middle class people like the simple car.”





viii. **Engineer MNOP, Delhi: 16 years' experience:** We've Ford service station with us, and Ford Figo could not establish its mark till date like the reliability of Maruti-Alto did, although almost all our customers are satisfied with car and its services.

ix. **Engineer QRS, Delhi: 25 years' experience:** We've ZZZ dealership and service station, but, Indian middle class is so obsessed with Maruti and its affordability that with just Rs. 25000/= more cost we're offering more features and more warranty period still they do not come to us. Indians, deserve Alto only. Also, Alto owners are not willing to change car, even Maruti 800 they are driving since 25 years, they have big bungalows but have Alto cars. When asked why? He said, "Alto is affordable."

x. **Engineer TUV, Delhi: 15 years' experience:** Owns Volkswagen, Polo: "The only revolution that can make a dent in Maruti and especially Alto domination, only if we can provide affordable services, spares and maintenance to middle class otherwise, for first time buyers Alto comes first to middle class mindset in India, though personally I feel Polo has better features, I live adjacent to Volkswagen dealership and service station, and of course, as I can afford."

xi. **Engineer WXY, Mumbai: 25 years' experience:** As you're aware, I hold a C class and E class Merc, and hope you know we can afford a vanity van in this era of egotism, selfie, groupie, as show off. Hope you're also aware that even Mercedes is planning to launch compact cars in India according to the Indian daily Economic Times, page 5, of 20th February 2015, however, I've given my child Alto, just to free his hand on Mumbai roads, due to its affordability and robust technology, as I feel my child should not miss the life living like a common middle class, who are preserving Indian values. With the pocket money my son gets, he travels 21 days in Mumbai Local Trains and for rest 10 days he enjoys ride with Alto with his friends from all sections of society, he is also studying Mechanical Engineering and he, in fact, we understands the technology and value for money well. In future, can't be too flashy if he has to stay with all sections of society, in which our business is. Thus, it hides his background and shows people he is also from middle class family. For our company after the Mumbai blast when we lost few people in 1993, we've come to the conclusion that simplicity works at many places, in this over smart, flashy, and show-off world of Mumbai. Due to his simplicity only my child is popular among colleagues and day by day he understands the value of humans around him. Thanks to Alto, he has more friends than he could have gained let him driving Merc or Vanity Van. Now a days, we can see on his face and see change in his behavior, as understands the fundamentals of human life well, living in common public he has become some docile in his daily life. The crux is Simple Alto is the face of common man basically middle class society of India, who holds the Indian values till date. Now, my child can walk in all classes of society and can spend whole life in masses as well as classes.

xii. **Engineer Mr. Deo, Nagpur: 50 years' experience in Dealership and Service station:** We've Alto since its start. Later we sold it in exchange offer, now we've Alto-K10. Asked, "Why?" He said, "Boy as you know, it takes time to build trust among people, and Maruti has built it like Tata Trucks reliability was there in the market, as you're aware. Since last 5 years, we've had no problem; the boy





from the Maruti Service Station comes after every six months services it and I drive. Your grand ma likes this compact car, whenever we go in the market it is good for us. Otherwise, our children and grandchildren in USA said, “If we get Alto in USA we’ll buy it, as it seems to be so affordable and can attain more than 100 MPH speed too, it’s good for their family. It might reduce our gas bills to half and our annual maintenance cost could go down to just 25%”.

xiii. **Er. Telang: 40 years’ experience in Repairing and Service station, Nagpur:** As you’re aware, our service station is full of cars, since, last 40 years. None match the affordability of Alto, except for older version of Feat, Premier Padmini and Ambassador Kind of cars existed in 1970’s. Maruti-Suzuki Alto has become like that. Even the road side garage in India has the tools and equipment to repair Alto in case of emergency. The technology exposure among the mechanics high, as Alto is the new public car.

xiv. **Mr. Samudra: 30 years’ experience in repairing and service station, Nagpur:** The swiftness in services and repairs is a trade mark of Alto. You can see all the brands vehicle are here, some since, last one week, but, Alto and Omni are the only vehicle which spares are easily available in the market at affordable cost, and it get repaired fast. The longest time my mechanics took was 8 hours, when, we had to change all the parts in one accident case. Otherwise, regular repairs are easy going for mechanics when it’s Alto.

xv. **Er. Dr. Arun, 50 years’ experience in automotive field:** If you know, fundamentals of repairs, even you can repair these cars, if you’ve the equipment. At all the training centers Maruti-Alto and Maruti-Omni and somewhat Tata-Indica are the cars that are taught first by the automotive trainers even at ITI, Polytechnic or at Certificate Courses.

xvi. **Er. Dr. Mrs. A, 30 years’ experience, one of the first Automobile Engineers in India:** I know all the pros and cons and hence I drive Alto, which has least cons. It’s ladies first choice car in middle class. It has everything, better power to weight ratio, better authorized service stations and services, cheaper spares, it has better performance on highways as well as in city, it’s running cost is also lesser than many competitors, its power train is good, its ride and handling is good, its features are ok, with K-10 I’ve keyless entry and 1000 CC engine, its fuel efficiency is good and my husband has one more alto and since last 10 years it never failed to provide performance when needed. Ex. When my child was ill he had to be taken to hospital K-10 could take three people behind with child on their laps, hence, we use Alto-K-10 only. Many may have such experience with other cars, but, we trust the Maruti brand due to timely delivery to us, the services when required.



**Table 18.1: Expert's views on Alto car, in Nutshell:**

SN	Expert	Experts' views
1	Dr. Sharma	Small family with average Indian physique can fly on Alto
2	Dr. Saxena	Holds Alto since 8 year and it's a no problem car
3	Mr. Negi	Value for money compact car, with 360 view and safety, the best car to adjust in all whether Indian conditions, and has service stations availability from J & K to Kanyakumari
4	Er. ABC	More service station, technology known among the mechanics in case of repairs, and spares are costly for other cars
5	Er. DEF	Alto is a value pack model and has robust technology
6	Er. GHI	Good mileage and 1000 cc fits into all City traffic as well as small space
7	Er. JKL	Middle class customers like simple car
8	Er. MNOP	The reliable Maruti-Suzuki Alto
9	Er. QRS	Alto owners are not willing to sell car for up grade
10	Er. TUV	First time buyers see affordable services, spares and maintenance
11	Er. WXY	To look Middle Class, understand their human values, and to let free hand on Mumbai roads before going for luxury car
12	Er. Deo	It takes time to build TRUST in the market like Maruti-Alto has done
13	Er. Telang	Even road side mechanic knows the technology in case of emergency, he also have tools and equipment due to exposure
14	Er. Dr. Arun	First car taught for repairing in all the certificate or diploma courses in India or Choicest first car among trainers to teach repairing of cars
15	Er. Dr. Mrs. A	I'm one among the first lady Automobile Engineers in India, I know all the pros and cons and hence I drive Alto, which has least cons. It's ladies first choice car in middle class with better power to weight ratio, efficiency and performance, services and resale value.
16	Mr. Samudra	Alto is one among Quick to repair car with easy and affordable availability of spares

Please note:

Er. = Engineer, All experts have minimum 20 years' experience in Automobile Domain.



Percentage Trust among Experts' on Alto

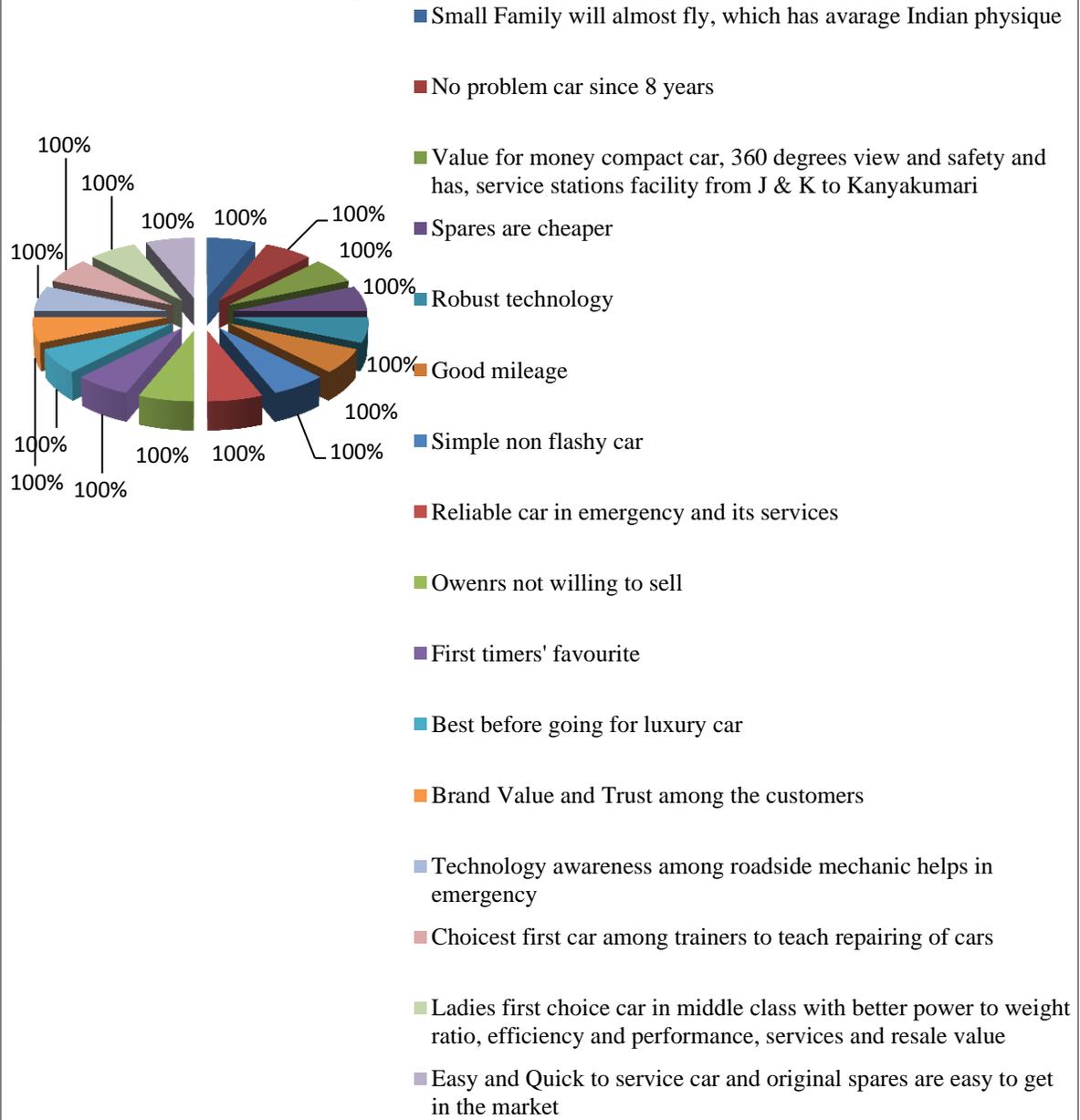


Diagram 18: Experts' opinion and Trust on Alto car

Question 19: Mr. “Dealer”, why do you think people go for Alto?

Answer by the Five Authorized Maruti-Suzuki-Alto Dealers: “Due to its value, as it solves the purpose, fulfills the customers’ expectations and needs”.

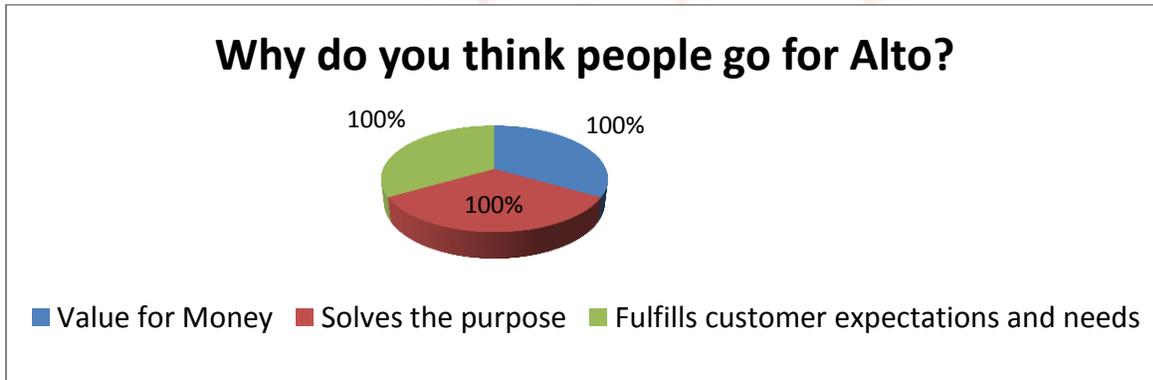


Diagram 19: Mr. “Dealer”, why do you think people go for Alto?

Question 20: Why you all customers preferred Alto over other cars? Give just three major reasons.

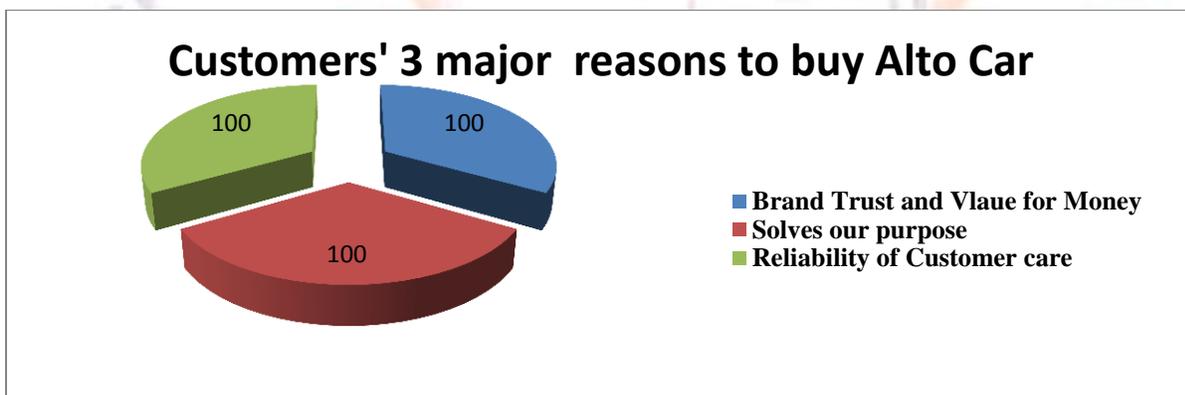


Diagram 20: What are the 3 major reasons customers prefer Alto Car

Question 21: Asked to 15 brand loyal customers who own 2 Alto cars:

Which color 2 Alto cars you have?

Answer:

- i. 1 customer has 2 metallic red alto cars,
- ii. 1 customer has 2 white Alto cars,
- iii. 13 have 2 Silky Silver Alto cars.

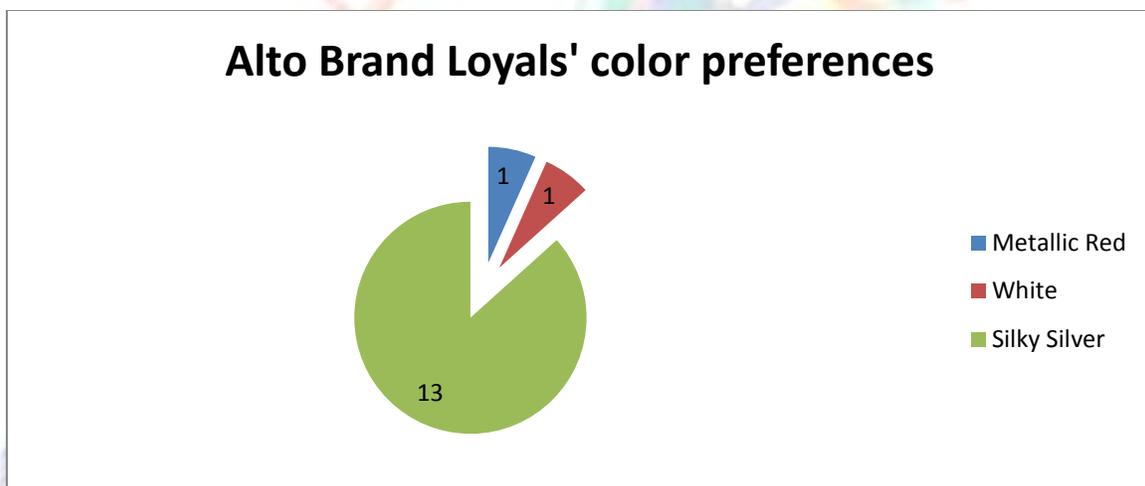


Diagram 21: Which color 2 Alto cars you have?

Conclusions:

There are many companies which are competitors to Maruti-Suzuki that are manufacturing competitor to Alto. In India, the small cars market is flooded with the likes of Nissan Micra, Hyundai-Eon, Honda-Brio, the Volkswagen-Polo, Ford-Figo, the Chevrolet-Beat, the Datsun-Go, and the Tata-Indica, and many are getting added every year, including Mercedes, who are planning to bring compact cars in India. However, with more customer friendly service stations, affordability of car with no pricy flashy features, less maintenance cost, resale value, durability, mileage and value for money, and easy availability of spares and reparability makes the compact Maruti-Suzuki Alto the most sold car in India.

Many Alto customers felt, which is put into following crux:

47 | Page



- i. Apart from value for money, Alto solves their purpose of daily life,
- ii. Experts as well as the Customers trust the Maruti Brand name which is built over the time,
- iii. More number of Customer care service centers and services offered by them are also not bad with Maruti-Suzuki,
- iv. Finally they feel safe to drive on 4 wheels than on 2 wheels, which cost Indian Rupees 2. 5 to 3.5 Lakhs, basic price, which is affordable, then, why to go for costlier car?
- v. Most of the Alto cars brand loyalists are, willing to buy same car again, that's the beauty of this product by Maruti-Suzuki.

Further suggested research could be on:

1. Why Indian mindset loves durability and mileage of a small car, apart from the cost of maintenance over the flashy features of big cars?
2. Why still most of the household in India feel that a car and house should be bought once in a life time?

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3.Inspiration from children’s game: Concentration of power and wealth is hazardous to India, if it has to become the first full-fledged ‘Direct Democracy’ in the world

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Abstract:

Purpose:

First: The 26 December 2008, attack on Indian financial capital Mumbai, as well as the 26th July 2006 Mumbai floods, have proved that Indian financial system can come to stand still in case, there is concentration of wealth in one city, further to say, if it is concentrated in 5 to 10 clusters only.

Second: Another purpose of this paper is to convince this to the Indian as well as to the global mindset that if we allow only metros and big cities to grow around the world at the cost of other smaller places then in case of any calamity there would be irrecoverable damage to human civilization in certain cases.

Third: To understand that Direct Democracy can find out the best solution and the best implementation plan; also, it can help implement these plans in the best ways, if all the minds come together and find out solutions over the critical problems.

Fourth: The best teachers to teach direct democracy are the innocent children who implement it in everyday life every now and then.

5W-1H:

- i. Why?** The major reason to write this paper is concern about the India democracy, and it should move from Representative Democracy to Direct Democracy before it loses its path in middle.
- ii. Which?:** Which are the places discussed? The Answer is all power packed concentration of wealth and power metros mainly discussed.
- iii. Where?:** Where is the concentration of wealth and power is there? Where ever the incidence of concern has occurred are also discussed.
- iv. When? :** Whenever the major incidence occurs, these hazards are felt, and hence, find their occurrence and place in this paper.
- v. What? :** What is discussed? The problems of concentration of wealth and solution over it, with OECD, Asian Development Bank examples even.
- vi. How?** For some issues, conducted a survey, direct questions were asked and collection of answers and solutions were made, and the simple analyses is put forth here. For some issue





simple examples from very many places that author has experienced has also been put over here. For some issues secondary data from World Bank, OECD, ADB, Government of India websites have been taken and simple analysis is put here.

Design/methodology/approach:

Children's games are taken as inspiration.

Findings:

New approach to find solution to this problem.

Research limitations/implications:

Only few cases are discussed.

Practical implications:

1. It could revolutionize the Indian economy.
2. Could bring Direct Democracy in India
3. Could avert human and wealth concentration at one place all over the world

Originality/value:

Even children's game could be solution finder for world's major problems.

Keywords:

Childhood games, Concentration of wealth, Development of India, Transportation, Economic Development, Strategic planning, direct democracy

Paper type:

Research Paper

Introduction:

Even since, we were children we played these games and were passionate to contribute to the development of India till we reached 8th grade/ standard. Later on the passion grew till Ph.D.

Whatever we thought of India in early childhood, is put over here, and in fact can generate at least 100 more research papers.





This is the first attempt to express how the concentration of wealth, power, authority, and infrastructure is hazardous to any country like India, and why it should be spread across the country.

To start with just check the concentration of Indian industries.

Job Intensive Indian industry is mainly concentrated in following clusters:

1. Cluster 1: Mumbai-Pune-Nashik-Aurangabad
2. Cluster 2: National Capital Region, Delhi
3. Cluster 3: Chennai-Coimbatore-Madurai
4. Cluster 4: Ahmedabad-Vadodara-Surat
5. Cluster 5: Kolkata
6. Cluster 6: Bangalore
7. Cluster 7: Hyderabad-Secundarabad

Now we will discuss why this is harmful to India with discussion based on following few games.

First Inspiration from Childhood Game 1: War-Ship-Bombing:

Basic Assumptions:

1. There are 2 players only.
2. You're given 10 X 10 squares, 1 to 10 columns and A to J rows.
3. You've to put 5 ships (SH), 5 tanks (T), 5 aeroplanes (A), and 5 submarines (SB) in such a fashion that they are least locatable.
4. Each one player has his 10 X 10 Matrix like this.
5. The opposing player asks for A1 i.e. a particular square, it means he drops destructive bombs on A1 and it's supposed to be destroyed. He can ask for any such square with Row as alphabet and Column as number.
6. This dropping of bombs is the attack every player gets chance.
7. The earliest one player who finishes opponent's board, the better player he is, and, he wins the game.
8. With more number of squares and more options, even more players can play. However, we're taking just two players game for our simple considerations.





Sample Case 1: Concentration of Military resources: Only one geographic location:

SN	A	B	C	D	E	F	G	H	I	J
1	1T	2T	3T	4T	5T					
2	1SH	2SH	3SH	4SH	5SH					
3	1A	2A	3 A	4A	5A					
4	1SB	2SB	3SB	4SB	5SB					
5										
6										
7										
8										
9										
10										

Actual Play: If opponent asks for I'm dropping bombs on your column A and row 1, then 1T that is our one tank is destroyed. Then slowly he asks for column A row 2, etc. he'll come to know that his whole military resources are concentrated in the left up corner, and he destroys it in no time, and thus wins the game.

Sample Case 2: Concentration of military arsenal at specific locations: In our case, metros like Mumbai, Delhi, Kolkata, Chennai, Bangalore, Hyderabad and Pune and Ahmedabad.

SN	A	B	C	D	E	F	G	H	I	J
1	1T	2T	3T	4T	5T					
2										
3						1SH	2SH	3SH	4SH	5SH
4										
5										
6						1SB	2SB	3SB	4SB	5SB
7										
8										
9	1A	2A	3 A	4A	5A					
10										

Actual Play: If opponent asks for I'm dropping bombs on your column A and row 1, then 1T that is our one tank is destroyed. Then slowly he asks for column A row 2, then slowly he comes to column F and Row 3, etc. he'll come to know that his whole military resources are concentrated at certain row, and he destroys it in no time, and thus wins the game.





Sample Case 3: Concentration of military arsenal at with specific domain and specific locations: In our case, like Mumbai, Delhi, Kolkata, Chennai, Bangalore, Hyderabad and Pune and Ahmedabad.

SN	A	B	C	D	E	F	G	H	I	J
1	1T									
2	2T						1SH			
3	3T						2SH			
4	4T						3SH			
5	5T				1A		4SH			
6					2A		5SH			5SB
7					3A					4SB
8					4A					3SB
9					5A					2SB
10										1SB

Actual Play: If opponent asks for I'm dropping bombs on your column A and row 1, then 1T that is our one tank is destroyed. Then slowly he asks for column A row 2, then slowly he comes to column E and Row 5, etc. he'll come to know that his whole military resources are concentrated at certain column, and he destroys it in no time, and thus wins the game.

Application to India:

1. In place of 10 X 10 squares the Map of India is taken, as mentioned in the assumption, the opponents and anti-Indian thought processes around the world comes to know everything, and then they can plan events like 26 December 2008, event to stop the daily, routine, and economic and development activities.
2. The creativity is so extended that 5 ships, tanks, etc. become less to locate. Hence, one day we went on to play with 100 ships, 100 tanks, 100 aeroplanes, 100 submarines, 100 ICBM/ BM, 10 Aircraft Carriers, 100 Awacs aeroplanes, 100 anti-missiles (missile destructors entering into Indian territory), etc.
3. We played with the longitudes and latitudes, and even nearby 1 longitude and latitudes, were allowed to be said destruction has occurred and still, the game continued and did not end for few days.





Second Inspiration from Childhood Game 2: Hide and Seek:

No need to say, no two people hide at only one place to get caught. Sometimes there were 28 players a person had to locate/ catch. Once, we had 102 players and that game lasted for a whole week. The person learnt patience at his early childhood while she caught all these hidiers. Sometimes children wore different dresses not get caught and to let the catcher get confused who that child is. Amazing unity amazing ways to hide and ultimate ways to catch the hidiers were used. However, the games were played with values and there were no quarrels, as everyone was truthful and just in their behavior.

Third Inspiration from Childhood Game 3: Police and Thief:

- i. No thieves hide or run together as children feel all of them would be caught at one place.
- ii. Children also learnt the moral values of not stealing helping thief to get caught. Sometimes even Sherlock Holmes and Scotland Yard tricks were used to catch the thief.

Fourth Inspiration from Childhood Game 4: Kabaddi:

- i. A game was played among children versus the big children. In case strong man attacked the week opponent party, children ran at different places on different directions even if the place was small.
- ii. For the next match, children practiced day and night and developed secret signals and signs, which could be used in the game of high tension or in urgency.
- iii. In some unusual cases a mighty and strong players were caught by children using these techniques and by holding hand, feet together. Unity was impeccable.

Fifth Inspiration from Childhood Game 5: Cricket:

- i. While keeping the field for batsman, the field is distributed equally to his strong shots and is not kept at one place.
- ii. Children are not afraid to share on the field their views what to do and not to do, it helped to build the continuous learning atmosphere.
- iii. Children even had different captains for different purpose like, catching captain, fielding captain, bowling captain, fast bowling captain, spinner captain, batting captain for defensive play, batting captain for shots play, thus, everyone was important besides the main captain





and vice-captain during the match. This was best example of direct democracy, as in critical moment of test, everyone was consulted and the final decisions were taken on merit basis.

Sixth Inspiration from Childhood Game 6: Hockey:

- i. All the good players got distributed equally on the field to protect from opponent attacks and goals.
- ii. Being India's national game due to contribution of Dhyanchand, everyone practiced what Dhyanchand could do, to stick the ball to hockey stick. It inspired children to practice more to become at par with the best in the game.

Seventh Inspiration from Childhood Game 7: Football:

- i. All the good players got distributed equally on the field to protect from opponent attacks and goals.
- ii. The coach and team planners have a significant role in it, and, children are not afraid to ask for help or provide help, as it's a team game.
- iii. The coordinated goals, by confusing the opponent parties were so well planned in the childhood that sometimes, it became difficult to defeat a team with most dexterous or all-rounder players. One of our team had players that could play at center or right wing or left wing or at front of at back. Thus, any democracy with population having multi-skills could have advantage in emergency than the monotonous citizens.

Eighth Inspiration from Childhood Game 8: Chess:

- i. **Importance of King in Chess and UNO in the democratic world:** As the King is important piece, all the pieces try to protect it, as long as possible. In our case life on earth, lives of people living is dangerous places, the total human civilization, forms the King's place, and, it's concluded that, we all should protect it, as long as possible, otherwise one fall like environmental catastrophe may cause a domino effect and will fall all the other resources thus destroying life on earth. May be humans pose them elitists being on earth, but, their own mistake can destroy the life on earth, as happened long back according to scientists to dinosaurs. This idea was conceived I had imagined when I was in 5th standard/grade in 1979-80. Later, I felt, enmity between USA and USSR and India and Pakistan should vanish, in fact felt, Pakistan, India, Bangladesh should unite again to form a big





nation and that they will not repeat the mistakes they committed in some time back. This will save billions of dollars of budget on military and would be diverted to development of the nation. In 8th standard/ grade in 1983 while playing same game-chess, I felt that we may put UNO at the center but front 10 pieces (in place of 8 front pieces in chess) with veto power (if at all there in future) should be hold apart from present 5 veto powered nations, would be by India, Brazil, South Africa (in case it discard its apartheid), Japan, Germany. Had expressed these views to one of my best friends and he called me genius, but, I felt, unless it gets implemented a person can't be called genius. Then, we joked why to keep veto power, discard it, the idea was stretched and it was proved that unless all the nations become democratic, if we discard the veto power, it will be null an futile if a King from some nation would try to capture some other nation/s and this veto power may come into picture to save sovereign and freedom of that nation and hence the freedom of the world. Hence, finally it was felt that only other nation that deserves the veto power is India being non-aligned nation and oldest and peaceful democracy. Later on even Australia and Canada could be added being giant countries, thus making veto power countries to be 12.

- ii. **High handed coaching approach by becoming elite coach versus we're together coaching approach:** Once Prof. A, took team of students, for provincial chess event. The children were highly promising and they needed some practice and a plan to win. It worked well, when; Prof. A played and guided them on game. He lost few fast games, and win few, making the children feel they can play better than him. While, there was another coach, with other institute Prof. B, who had habit to play only with a player who is at least an International Master or with this ELO-rating or that ELO-rating, an elite approach. Prof. B played well, no doubt, but he had this elite approach. He used to tell children do this and do that. These are the moves, these are the approaches, these are the puzzles, and never played and show children how to play in reality. When asked why this elite and high handed approach was adopted by him, Prof. B said that he had fear of losing to children; hence, he was just a guide and had no emotional and direct involvement with them. Later, after every match, Prof. A played few faster games with children, and children grew confidence, and went on to win the Provincial Team Chess cup. However, for Prof. B, it cost them the cup, as in finals, Prof. A's children defeated them, due to plans they heard while Prof. B used to guide them. Prof. A and team al the idea of their games, together they planed what are the solutions and later and approach for each player were ready before the team game and each one defeated each one. No need to say, in direct democracy, no one is elite, no one is no one





has this rating or that rating; all are equal citizen of the democracy. In fact, with Prof. A's approach the team went on to win the provincial cup for few more consecutive years. Later, Prof. A went to train the whole lot of next generation well. Later on, it was observed that democratic approach have good results and high handed approach dumps the democracy.

Conclusions of/ from the games in various possible domains:

1. (On lighter but serious side ☺): Children understand and implement in their game what elders can't do:

- a. What children of age up to 15 years understand even the best planners and the implementers do not understand is obvious conclusion.
- b. The way they can protect and fight, and hide their weaponry, even the skilled soldiers cannot do sometimes.
- c. The way they build the weapons and get finances is amazing; children are willing to sacrifice their one time meals per week and willing to not buy games and sports gears to protect their nation.
- d. Veto power to India is the best example, a true peace loving child can think, and union of Indian, Pakistan and Bangladesh proves that children play war-ship bombings but inside their minds, after few defeats, they don't like wars as many people die and its waste of time and money as we lose lot of aeroplanes, ships, tanks and submarines.
- e. Goal and wining is the ultimate joy but to score goal how much efforts are needed children understand and hence understand the policy and concept of practice hard- sweat more during peace to lead to less blood during the war.
- f. In cricket children understand that there is only one batsman but to get him out there are 11 players playing. Hence, the amount of focus that batman as a person should have, children understand well at this tiny age due to over exposure to matches and commentary and technology games.
- g. In Kabaddi, the person who attacks opponents in their party is crucial and has to have many qualities apart from physical strength like agility, concentration, while the party who welcomes him for attack needs to have strong coordination and synchronization and understanding in case they have to catch that player on attack.
- h. Children are genius, as even UFO's and Aliens cannot defeat them in case of wars, though aliens have laser guided missiles or laser beam guns or laser beam sword or have magnetic





powers or mind blocking powers, etc. they are determined lot and have courage to accept defeat or win honestly.

- i. Thus, Children have the plan to go to places in the Solar System and the many places beyond our Universe but, elderly people keep fighting for their place on earth and waste time and die on earth fighting with each other, and by creating more and more precincts in the name of nation, city, this religion, that religion, this qualification, this elite class and that elite class, this job and that job, have and have not, etc.

2. Why to invest in cities which are going to be drowned due to climate change, as predicted by Scientists?:

- a. In case, in 2200 A. D. or before, Kolkata and Mumbai will go under sea, as predicted by Scientists due to global warming, like Dwarka went down the sea near Gujrat coast in the past which is still visible under the sea, then, investing huge resources on these cities and others cities like Chennai, Vishakhapatnam, and coastal cities is waste of time, and resources. It has been even observed during the 2004 tsunami, that, how Tsunami reaches deep inside almost 2 to 3 kilometers in the land. Hence, building these ports is ok, but, cities and human colonies should be pushed inside the land slowly with all the possible living resources, is what could be good. Also, in place of just top 20 ports, there should be more than 100 big ports in India with proper connectivity, should India need to build the futuristic economy by 2200 A. D. not just 2050 A. D. as by that time Mumbai, Chennai and Kolkata would vanish from the global map, as per scientists, so preplan and pre-implementations would work and if it starts now, it's better, last time work would cost huge losses.
- b. Even OECD reports and Asian Development Banks reports have predicted that more than USD 35 Trillion would be lost or would be at risk, in case major such events occur at hyper level, especially at the coastal areas around the world where concentration of population and wealth is there. Together, Mumbai, Chennai and Kolkata, and other major ports like Vishakhapatnam, Cochin, etc. have asset of that size, hence, this warning by experts. In the game of chess, if one piece is blocked, other pieces are played strongly, however, in Indian context, metros are trapped, even by these reports, still trillions of dollars are kept flowing on building them, shows myopic vision.
- c. Finally a suggestion from the games, is act now, we must start movement of human civilization inside the land than putting it at the place where it is now, in case of Mumbai,





Chennai, Kolkata, etc. Indian coastal cities, let only ports be there on coastal places. This would save lot of lives and property just in case.

3. If life in Mumbai is at stake the Indian economy is at stake:

a. This is not arrogance, but, proven fact at the time of 26th July floods and 26th December terrorist attack, the whole world has watched it live on television from more than 2000 television channels around the world. The reason, there is too much stress on Mumbai, Chennai, Kolkata, National Capital Region (NCR), like cities, and events like 26th July of Mumbai flood, or terrorist incidence like 26th December 2008 hampers all the economic activities, due to mad rush these cities have. Thus, proving either Indian policies are wrong which favors the metros or there is wrong policies adopted by businessmen or even wrong plans by job seekers that is causing these concentrations. Hence, it should be mentioned here that, with almost 3.5 million square kilometers of land, India requires 350 big cities for jobs distribution, which will diversify the wealth. Also, people from distant places will not have to move to distant places for job. In fact, these 350 cities with all the facilities would make India livable than just 10 plus urban concentration, according environmental aspect.

b. Frankly, even pawn is powerful player in the game of chess, but, any small village in India have not remain as powerful as the metros like Mumbai, is what most of the villagers have started feeling and this could be hazardous to India, as it damages the confidence among citizens of the giant countries like India. Earlier people in Maharashtra were proud of Mumbai but, looking at the Villagers committing suicide in the region of Vidarbha due to negligence and poor policy support from the government, it seems, wealth and power should move out of Mumbai and let it get distributed not only elsewhere in Maharashtra but also in India, otherwise, already terrorists are taking advantage of our this weakness and on the other hand negligence of villages at the cost of Metros is losing our villagers' confidence, it seems.

4. PBI and LICBI can ease banking and insurance pressure:

a. In the game of chess, controlling power across the board could be achieved together by One Queen, Two Rooks, Two Bishops and Two Knights, even small soldier can become any of these if they reach the final lane in opponent party. This shows that any country having reach at grass root level can become more powerful. This could be achieved with existing two big organizations that already India have, like LIC and India Post, apart from others.

b. Indian Postal Services/ India Post, is starting bank in their each post office, with name Postal Bank of India (PBI), is welcome as it would be a bank with the most retail outlet in the world i.e. more than 150000 outlets.





c. Also welcome would be Life Insurance Corporation of India starts its own bank, i.e. LIC Bank of India (LICBI), so that the banking in India becomes competitive and even insurance reaches to maximum citizens of India, unlike it's more happening in the urban sector.

d. PBI and LICBI would increase the reach in banking sector up to village and that too utmost grass root level in India. Also, customer care and services would be better handled, in case core banking reaches at these places.

e. This can endure and ensure slowly that urban facilities will reach to rural areas and then migration might stop, with this inspiration, as more business could be established in rural areas right from SME, to Outsourcing to horticulture to home industry, as financial transactions and loans facilities would reach to almost each and every household of India, thus would increase the jobs in these areas. The migration might stop at some extent.

5. Why Indian 'metros'-minded do not become broad minded?:

a. Industries that do not require sea-port assistance like software Industry can be moved to inner part of India, accept for few assisting offices, the whole software industry from Mumbai could move to Nagpur, Solapur, Akola, Amravati, Ahmednagar, and such cities, in Maharashtra. Also, the Capital of Maharashtra itself could be moved to Nagpur to avoid traffic jams and due to security issues in Mumbai. Thus, indirectly Nagpur would develop and Mumbai can move faster and breathe at least on this administrative front. Nagpur has everything right from Vidhan Sabha building to all Government offices buildings to supporting infrastructure. According to BBC, Nagpur is the only possible 3rd Global cities in the world after New York and London, due to its geographic location and unstoppable climate and weather with not much rains not much snow or something like that, business could move unstoppable in Nagpur, being the center place of India.

b. In the game of chess, we don't place all the powerful resources at one place, instead, players protects the King and distribute the power and attack the opponent from very many directions, anywhere a weakness is observed then all powers rush through that place and destroys the opponent's castle. 26th December has shown the world Mumbai is weakness of India being the power center and wealth center, hence, this suggestion.

6. Why alternate capitals were not built till date?:

a. Why Chandigarh is the capital of the Punjab, the Haryana, and the Chandigarh Union Territory itself?

b. Why could not Punjab and Haryana build their own capital at other places since last so many decades?





c. Chandigarh is feeling the burden of concentration of power and wealth and to act and avoid it is, now. Otherwise, it would grow more than what Kolkata is now, and it would many not hold its tag of well-planned city. The major reason being its outer territory are growing unplanned, as per the Chandigarh 2013 draft published by government or otherwise, like National Capital Region is drafted the Chandigarh will have to be planned right now.

d. However, separate capitals for Haryana and Punjab are the best solution to avoid this future log jam or possible clash for resources in future.

e. Please note that in the game of chess, most of the times, players try to build castle to secure the King either on left or right side. In case, right side castle fails the left side is built. Fighting for same land which belongs to India itself shows dis-integrity than integrity with nation.

7. Hyper Urbanization has killed the distance between Mumbai and Pune:

a. There is too much pressure on greater Mumbai and Pune region due to un-planned and planned development. The cities were 190 kilometers apart in 1970, however, due to concentration of industries and extended urbanization and newly built expressway, the distance left is 94 kilometers only in the year 2015 A.D. Meaning 100 kilometers of urbanization or hyper urbanization on both ends, that's whopping and mindboggling for any places on earth. It could be a place where in future jobs will be there and hence population will flock here.

b. Already Mumbai to Navi-Mumbai population is 20 million just now, and already Pune and adjoining area is 10 million, and if the gap between these two cities goes nil, due to this hyper urbanization then, Mumbai-Pune could twin cities in future with population of 250 million in coming 25 years.

c. In the team event like hockey and football, the coaches do not develop only one or two players; they look after the whole team development. In fact, there is a battery of more than 55 players i.e. five teams for backup, who can play at par with any international player, then only a good competition is there and the teams perform well. However, in the Indian context, metros take it all. Even, water, electricity, jobs, industries, everything is taken away by metro cities and little towns and places find it difficult to get even basic facilities. This inequality already damage the moral of non-metro and people, hope Indian government looks into this matter at highest priority before the situation goes out of hand.

8. Metros are the only sources of Jobs, and are attracting talents in India:





- a. According to 2011 census, presently there are 55 million plus urban centers in India, with Mumbai being most populous and Guntur just reached one million. However, job developing regions in India happen to be only the metropolitan regions. In fact, Mumbai to Pune, NCR, Ahmedabad to Surat, Bangalore, Hyderabad-Secundarabad and Chennai are the only places where most of the jobs are growing at faster rate than other places in India.
- b. Also, all the surveys ex. India's top companies to work by Economic Times on 24th June 2013, and talent management exercises are happening only in these regions, thus, building pressure on them, and helping more concentration of money and power.

9. Health facilities are better in metros:

- a. There are 933 registered lists of private hospitals in Delhi on the Government website, apart from AIIMS and other government hospitals.
- b. However, in places like Haridwar in Uttarakhand where more than ten million visit per year there only few registered hospitals and the official list is still unavailable and is not visible with name, address, phone, email and other details. At some places the list is available on demand or to members only.
- c. If you go further up in Himalayas in Uttarakhand, there are hospitals with either no doctors or no facilities or doctors themselves live in almost broken buildings, thus the meaning is transparency and compliance is not there once one person goes away from metro and powerhouse regions. Hence, people are forced to go to places where all these basic facilities are there.

10. Education facilities:

- a. Better not said on this issue regarding government municipal corporation schools in villages, the place, 'where the money goes none knows', but metros have more number of public schools with less fee and facility structure.
- b. Another fact, according to government list, Dehradun had more than 200 registered schools in 2014, more than rest of the Uttarakhand. Thus, showing concentration of education hub of Uttarakhand but what about rest of the Uttarakhand? That's what happens the place of concentration of power gets more focus and development than rest of the adjacent places.
- c. Even in Delhi, and nearby places there are places where such facilities are missing. Thus, at just 50 kilometers away from Delhi Metro villages do not have facilities; imagine places which are at more distance.
- d. In the game like hockey, every player gets equal facility, and opportunity but in India villagers and small cities do not get facilities what people in metro gets.





11. Sanitation, mode of transport and infrastructure:

- a. Better not to mention here, it's relatively better in most of the metros than in most of the semi-urban or village areas.
- b. There are at least one hundred families that have quoted this fact while moving from one state to other state in India. In one of our survey 100 families from Madhya Pradesh moved to Bangalore and Hyderabad from 2004 to 2014 A.D. These families are mostly in the field of construction industry and they found this as one major reason to move.

12. Everyone has his place to live:

- a. In the game of chess, every piece has its place to rest and that is fixed. However, in India, plans are there but implementation is missing and most of the people are not living in their home.
- b. Plan of home for everyone is there but, government is not willing to reduce the interest rate for homes to half, while giving interest on fixed deposit government gives 8 to 8.25% in 2014, but, when it comes to home loan and interest government takes 10.15% in 2014. Then, how can common man construct his home, if he wants to live a life in a upright self-esteem way.

13. “Let me come to power or become someone special, and let me secure me and my family to metro place” a vanity approach:

- a. At most of the metros which are happened to be either capital of the state of financial and power center, or near to concentration of wealth center, most of the leaders in the field of Financial domain or Political domain or Expert in their own domain with high level links, live, and some live together. After coming to power or if they become someone special they secure their place near some metro and start their life by secluding themselves, and let others go dumping. They plan lot of projects which never reach to public. While these people including 99% of film stars, ministers of states, billionaires of India live in metros, but, they don't care or devote more time for implementing public projects.
- b. Take example of Jhunjhunu, a place from Rajasthan State, many billionaire corporate families held from this place, however, now they are settled in Metros. However, the place Jhunjhunu from where they belong the people have to travel to at least Jaipur or to Delhi i.e. a distance more than a hundred kilometers. While many families have multi-billion dollar empire around the world, their village is still underdeveloped. If only these families live at their village the roads and connectivity and other infra facilities would have been provided to them and thus developing their place where they or their ancestral were born.





Though some of them have established Institute or Universities in the nearby places, still, like Israel did in the desert these people could not achieve, till date in this desert of Rajasthan, is the complaint of local citizens.

c. There are number of such cases in India where people do not contribute to their village/ city/ town of origin. However, though this is also, a myopic approach still even this approach was not followed by many. The major reason being after name-fame-money-power-expertise has been reached these families became self-centered and added 'who cares' approach and vanity life style narcissism attitude got developed among the followers as well.

d. What's the solution then? Even if some players became great, they still have and had to play a team game, and had to gel well with the normal players. They were successful and brought nations Hockey world cup like Major Dhyanchand of India did.

e. Some players had the feeling that they should not only take from the world but also should give something to the world. Giving and Sacrificing is the best way of communication. They went on to train the next generation free of cost. Some politicians like Mahatma Gandhi planned and developed the places they live like Sewagram Ashram and Sabarmati Ashram, according to their own ideals, called complete villages that service on their own.

14. “Me and my constituency approach” a narcissism and imperialistic approach:

a. This is another hyper-myopic approach. One of the student raised a question, “With due respect to all the authorizes, we have observed that the MPs or MLAs have developed only their own places with imperial mindset, where they come from or the area where they and their family live or constituency where they live, but forgot that there are other places, where also humans live. There are some constituencies which are well developed, 24 hours water and electric and better infrastructure is there. However, just go one kilometer beyond these places, people hardly get any facility”. In fact these exactly opposite or contrasting cases are there in India. Though they had authority and responsibility to develop area around still they missed the bus, due to narcissism.

b. Imagine in a team game, only one player gets better food, shelter, coaching, and other facilities and others are kept without them. The team would lose the match. In football and hockey whole team need to be well playing, well groomed, well feed, and of well attitude otherwise, wining becomes difficult, in fact, form humane perspective playing itself would become difficult.





15. Authority and Power with Government job holders versus private sector job holders:

a. In one of our survey out of 100, almost 99% youth in UP, Bihar, Uttarakhand, MP, have claimed that whatever degree they may acquire their first preference would be to go for Government job and secure their life. Though the private sector is going to provide more jobs in coming future than the public sector, still this attitude remains same since last few decades in these states. The major reason they claimed was relatively safer jobs are government jobs, while in private sector one gets pink-slip due to many reasons; while in government sector pink-slip is difficult to get. However, whatever facilities government employees get, private sector employees expect the same from the ruling party. Hence, whenever, major reforms would be there it would have more impact on private sector and its employees unless the public sectors get privatized there is no impact as such on their employees. Also, many private sector employees feel, General Manager of Public Sector Company has more power and reach than Private Sector, etc. Thus, they feel there is more power and authority if they work in Public Sector than in private sector. “Another example for this would be just see the visit of General Manager of Northern Region to any station in Northern India, before he arrives the station would look neat, clean and shining, however, even if the Billionaire of big private company is coming the station would look the same shabby”. During a mass debate in the class, one of the boys of just 21 years old said this and I had no answer, as the way he proved his point. Another point added was, why the Member of Parliament gets more importance and treatment than the people who elect them, whenever they come the railway station looks like there is some ceremony is going on. “Sir due respect to you and country heads, Sir, ultimately why not every citizen has same rights to live in clean and healthy environment as that of General Manager of Railways or a Member of Parliament, are they Kings and Prime Minister King of Kings and President a Chakravarti Samrat of India, even if they retire and live as a common man after that?” It was the question raised by many people in India now days to ultra-awareness among all the citizens.

b. In the game of football, and hockey, the player playing on the field and the players in the reserve, have equal rights and have equal chance to play the game. Captain is as important as other player is. Teams cannot win the game if captain cannot have a transparent and free and fair talk is there. In fact, the communication gap can kill the team’s chances of winning.





c. Also, coach gives equal importance to captain or a normal player. No one is celebrity or special for him. In case he does but, opponents will try to show the team that it's not celebrity because of whom you win but due to team-spirit you win the game.

16. Japan, Estonia, Bhopal, Alaska has suffered it; thus, India should avoid such happenings:

a. Hiroshima and Nagasaki were destroyed in no time due to human misbehavior but just in case Tsunami or major super storm occurs on any side of Indian subcontinent Kolkata or Chennai or Mumbai will bear a loss and may be it will take 25 odd years to recover that financial damage but irrecoverable damage of human loss would be huge.

b. Another, point is files lost, humans and skills lost would be huge unrecoverable damage and it could be in millions, which would be difficult to rebuild ingeniously in short span of time.

c. Also, in case Bhopal like tragedy of leaking of Methyl Iso-Cyanide like 3rd December 1984 occurs, then also, same case. In case or 26th July or 26th December kinds of incidence occur again the same, as it's been observed that criminal or terrorists minds who think against India have these targets in their minds, hence, if the burden is distributed equally to more than 350 urban / developed places/ cities, India will have at least some time to recover otherwise managing burden of migration from metros to back to their village will have negative, rather a disastrous impact. Reverse migration is difficult to handle if it's in multimillions.

d. Also, it's easier to target corporate world as well, if they are placed at one or only few localities, from the perspective of cyber war, as they just have to go to companies in Mumbai, or NCR-Delhi or Pune or Ahmedabad or Chennai or Hyderabad or Bangalore or Kolkata once they have the target, they have the hacking tools too and they have already cracked the countries like Estonia.

e. Alaska suffered a huge environmental problem when Exxon-Valdez, on March 24, 1989, on Good Friday, when the oil tanker leaked 11 million gallons of oil near Alaska seashore. If such things happen near any of Chennai or Mumbai or Kolkata port it would be huge catastrophe for India and it can't be predicted when Indian oil demands are increasing day by day.

f. Swine flew was handled well in India, but, in case of Ebola like situation occurs, or certain other unknown contiguous disease spreads due to non-detection on airports due to





un-discoverable virus or bacteria or such chemical or biotechnological entity then? Are we ready for that?

17. “Oh no!” feelings of a child:

a. After all the above three cases of war ship bombing were played, the child who lost the game had following remarks, “If only, I had not kept all my tanks in one basket I would have got some chance, but, no point in repenting now, I lost the game due to wrong plan.”

b. In the timeline of earth, 70 years after independence is nothing, when we observe and compare the right attitude of 125 billion people to rebuild the nation, ultimately we’re all children of our motherland. However, wrong planning here onward and wrong implementations can cost us millions of lives, famine, and other hazards, in case we keep concentrating wealth and power to places like only Mumbai or only Kolkata or only Chennai or only national capital region. Indian government may have to say, “Oh no!” in case something happens as predicted by scientists.

18. Finding Solution by adopting ‘Direct Democracy approach’ instead of politicizing issues and taking advantage from it:

a. Children never kept their quarrels forever. There were matches with opponents but, enmity forever never existed. There could never existed unity in negativity, it was always for positivity. Once, there was a match on a Nagpur University ground some 10 kilometers away and in the morning 6 a.m. there were no vehicles for more than 11 players, the match was to start at a.m. Some of the players from the opponent teams were living nearby. Few of us went to them and requested to going together. It was ultimate test of sportsman spirit and we went together. Later we lost the game, but, we’re life time friends. Thanks to the amazing solution of going together, it brought, more friends though we lost the match. Imagine, if the solution wouldn’t have been found, our opponent team would have got the walk over, which they also didn’t have liked. In fact just see the direct democracy live example here, the above mentioned cricket match was of two innings, and all the 22+ players together planed how to come next day on the same Nagpur University ground from their distant places. What a spirit. We saw in other case where older lot of players were there and they had quarrels or had ego problems and were coming by paying to auto rickshaw though some of them were coming single on bike and were living nearby places. Children’s match out smarted in all the respect.

b. Children get gelled anywhere with anyone due to innocence but elderly people due to their egoistic approach politicize such issues and fool them only at 99.99% of the cases.





c. Thus, at national or international level, finding practical solution to problems between India and Pakistan, North Korea and South Korea, China and Japan, or this and that country where quarrels are there would ease the development of humankind, but, by politicizing it and keeping it hurt forever hurts the economies of the world. The way United Kingdom and France found the solution even after the 100 years' war and have become developed nation is an ideal way to find solution and living in harmony.

19. Final word of caution: Concentration of wealth and resources at big cities is hazardous to human civilization itself:

a. Thinking beyond the myopic vision of nation, we can see the problem here, concentration of wealth is hazardous to all the nations and even to humanity as well. Imagine, all the coastal cities go in water in coming 50 or 500 years. Mumbai to New York, Kolkata to Dubai, Chennai to Cape of Good Hope, London to Karachi, Hamburg to Will go into sea, and the loss would be unimaginable, hence, this effort.

b. There is better option in all the games, once, a place is occupied by some member, none can occupy it again, however, in case of metros, industries are there, this is there that is there and what now all important things are in one basket only. In case something happens? Gone!?.

20. Direct Democracy is the better solution:

a. As mentioned above, one more war-ship bombing game was tried with 100 X 100 matrixes and with more than one player. In one team all children were there, and in other only elders. The way children found out the solutions was unimaginable. They had solution for everything. While elders divided the work, the children worked together. They had direct democracy approach while elders adopted representative democracy approach. Every children contributed in everything, while, with elders expert of some field contributed in his expertise and he was not questioned. While children openly said, "Man if you keep the ship at A-1 or E-5 kinds of places, you sure lose it in no time". Thus, a common background and foundation was reached. Finally then they went on to win the game comprehensively.

b. Also, it proved that irrespective of expertise or position or qualification or education or this or that, with direct democracy approach many of the problems could be solved and people can live in peace, can progress and then human civilization can go/ get established on moon, mars, and to distance galaxies as well, however, children agreed that, Direct Democracy is very important foundation for that.





21. Meeting of UNO for alien attack:

- a. In one of the case of war-ship bombing, children called the emergency meeting of UNO, as they thought it is the best platform to tackle attack on earth.
- b. Thus, children are aware about the kind of communication required in unison when earth is in danger.

Further research and suggestions:

- a. How to implement distribution of jobs and wealth in India.
- a. How to plan infrastructure built up around the world at faster rate without concentration at one place?
- b. How to use the Arid and waste land for such developments?
- c. How other games of children can inspire the world?
- d. How to build the skills of children for these implementation oriented activities for the future betterment of India and the world at large.
- e. Further plan to establish human civilization on moon, mars and beyond our galaxy needs a fundamental plan with children as base, as they would be the one who would go there or may be their grandchildren's grandchildren, but plan should be there which is planned using direct democratic approach.

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